

JPL EXPORT ADMINISTRATION DOCUMENT REVIEW RECORD

Log #: 14312-15392

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Program: ISSM: Ice Sheet System Model

Person Requesting or Initiating Export: Dr. Eric Larour

Date Received: Jul-2-2013

Document Title/Description: ISSM changes from revision 14312 to revision 15392

Release to: <http://issm.ess.uci.edu/svn/issm/issm/trunk> on ISSM svn repository

JPL Intranet: murdo.jpl.nasa.gov/proj/ice/larour/issm-uci/trunk-jpl

Disposition: 6 Does not contain export-controlled information. May be released/disclosed as requested subject to Company guidelines on protection of proprietary information (if applicable).

Comments: see table of changes below.

Reviewed by ISSM Export Transfer Liaison: Dr. Eric Larour **Date:** Jul-2-2013

Disposition:

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 - 2: Qualifies for ITAR Exemption
 - 3: Covered by Department of State License/Agreement Number
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 - 5: New License Required
 - 6: Does not contain export-controlled information. May be released/disclosed as requested subject to Company guidelines on protection of proprietary information (if applicable).
 - 7: Other (specify)
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Change #1 with diff file ISSM-14313-14314.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/mask.m

Export determination: 6.

Rationale: BUG: do not marshall vertexonrock for now (NR crash + not used in C++ core)

Change #2 with diff file ISSM-14316-14317.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/python/io/FetchPythonData.cpp

Export determination: 6.

Rationale: FIX: Consider strides on module input from Python matrices (slow right now, but works).

Change #3 with diff file ISSM-14317-14318.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/python/io/FetchPythonData.cpp

Export determination: 6.

Rationale: CHG: Use Python API function to make input arrays contiguous.

Change #4 with diff file ISSM-14318-14319.diff:

Function name:

M /issm/trunk-jpl/test/Par/SquareShelf.py

Export determination: 6.

Rationale: CHG: No longer need for weird manipulations since Python can now determine ordering.

Change #5 with diff file ISSM-14319-14320.diff:

Function name:

M /issm/trunk-jpl/src/android/ISSM/Makefile.am

Export determination: 6.

Rationale: CHG: Update to Makefile.am to replace NDK-Build.

Change #6 with diff file ISSM-14320-14321.diff:

Function name:

M /issm/trunk-jpl/externalpackages M /issm/trunk-jpl/externalpackages/adic
M /issm/trunk-jpl/externalpackages/adic/tests M /issm/trunk-jpl/externalpackages/adolc
M /issm/trunk-jpl/externalpackages/android M /issm/trunk-jpl/externalpackages/android/android-emulators M /issm/trunk-jpl/externalpackages/android/android-ndk M /issm/trunk-jpl/externalpackages/android/android-sdk M /issm/trunk-jpl/externalpackages/android/android-sdk/install.sh M /issm/trunk-jpl/externalpackages/angel M /issm/trunk-jpl/externalpackages/appscan M /issm/trunk-jpl/externalpackages/appscan/bin M /issm/trunk-jpl/externalpackages/appscan/utis
M /issm/trunk-jpl/externalpackages/apr M /issm/trunk-jpl/externalpackages/apr-util M /issm/trunk-jpl/externalpackages/aspell M /issm/trunk-jpl/externalpackages/autotools
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Export determination: 6.

Rationale: CHG: Minor modifications to install scripts and refined svn:ignore props.

Change #7 with diff file ISSM-14321-14322.diff:

Function name:

M /issm/trunk-jpl/externalpackages/gsl/install-android.sh

Export determination: 6.

Rationale: BUG: Fixed typo in \$ISSM_DIR/externalpackages/gsl/install-android.sh

Change #8 with diff file ISSM-14322-14323.diff:

Function name:

M /issm/trunk-jpl/externalpackages/gsl/install-android.sh

Export determination: 6.

Rationale: BUG: Corrected autoreconf flag issue created in prior update.

Change #9 with diff file ISSM-14323-14324.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/applyoptions.m

Export determination: 6.

Rationale: BUG: fixed path to exp files for showregion plot option

Change #10 with diff file ISSM-14324-14325.diff:

Function name:

M /issm/trunk-jpl/src/m/qmu/dakota_out_parse.m

Export determination: 6.

Rationale: BUG: check that vector is one dimension, not that there is one row of data

Change #11 with diff file ISSM-14325-14326.diff:

Function name:

M /issm/trunk-jpl/src/m/miscellaneous/normfit_issm.m M /issm/trunk-jpl/src/m/qmu/dakota_out_parse.m

Export determination: 6.

Rationale: CHG: Corrected removal of nan and special cases in normfit_issm.m.

Change #12 with diff file ISSM-14326-14327.diff:

Function name:

M /issm/trunk-jpl/src/m/miscellaneous/normfit_issm.m M /issm/trunk-jpl/src/m/miscellaneous/prctile_issm.m

Export determination: 6.

Rationale: CHG: Minor cosmetic changes.

Change #13 with diff file ISSM-14327-14328.diff:

Function name:

M /issm/trunk-jpl/externalpackages/mpich2/install-1.5-walgreen.sh

Export determination: 6.

Rationale: BUG: Fixed mpich2 installation on Greenplanet

Change #14 with diff file ISSM-14328-14329.diff:

Function name:

M /issm/trunk-jpl/externalpackages/openssl/install.sh

Export determination: 6.

Rationale: BUG: fixed installation script for openssl

Change #15 with diff file ISSM-14329-14330.diff:

Function name:

M /issm/trunk-jpl/externalpackages/petsc/install-3.3-walgreen.sh

Export determination: 6.

Rationale: BUG: fixed installation script for petsc

Change #16 with diff file ISSM-14330-14331.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/Krigingx/pKrigingx.cpp M /issm/trunk-jpl/src/c/solutions/kriging.cpp

Export determination: 6.

Rationale: BUG: fixed kriging with new communication tools

Change #17 with diff file ISSM-14331-14332.diff:

Function name:

M /issm/trunk-jpl/configure.ac

Export determination: 6.

Rationale: NEW: check for intel compilers (icc icpc) first as they are faster than gcc and g++

Change #18 with diff file ISSM-14332-14333.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/IoModel.cpp

Export determination: 6.

Rationale: BUG: declare independent_objects

Change #19 with diff file ISSM-14333-14334.diff:

Function name:

M /issm/trunk-jpl/src/m/mesh/ProfileProjectOntoMesh.m

Export determination: 6.

Rationale: CHG: need to look at last column, not column 9

Change #20 with diff file ISSM-14334-14335.diff:

Function name:

A /issm/trunk-jpl/externalpackages/dakota/install-5.2-macos64.sh
Export determination: 6.
Rationale: NEW: install script for mac 5.2

Change #21 with diff file ISSM-14335-14336.diff:

Function name:

D /issm/trunk-jpl/externalpackages/dakota/install-5.2-macos64.sh A /issm/trunk-jpl/externalpackages/dakota/install-5.2-macosx64.sh (from /issm/trunk-jpl/externalpackages/dakota/install-5.2-macos64.sh:14334)

Export determination: 6.

Rationale: fixed script name

Change #22 with diff file ISSM-14336-14337.diff:

Function name:

A /issm/trunk-jpl/configs/config-walgreen.sh

Export determination: 6.

Rationale: NEW: Added walgreen config

Change #23 with diff file ISSM-14337-14338.diff:

Function name:

A /issm/trunk-jpl/externalpackages/gsl/install-walgreen.sh

Export determination: 6.

Rationale: NEW: added walgreen installation script

Change #24 with diff file ISSM-14338-14339.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/Krigingx/pKrigingx.cpp

Export determination: 6.

Rationale: NEW: added v4 interpolation for pKriging

Change #25 with diff file ISSM-14339-14340.diff:

Function name:

M /issm/trunk-jpl/src/android/ISSM/.project M /issm/trunk-jpl/src/android/ISSM/src/com/example/issm/1

M /issm/trunk-jpl/src/android/ISSM/src/com/example/issm/MyGLSurfaceView.java
Export determination: 6.
Rationale: FIX: Rotation and Pitch

Change #26 with diff file ISSM-14340-14341.diff:
Function name:
M /issm/trunk-jpl/src/wrappers/ExpSimplify/ExpSimplify.cpp
Export determination: 6.
Rationale: CHG: added check on index to avoid SegFaults

Change #27 with diff file ISSM-14341-14342.diff:
Function name:
M /issm/trunk-jpl/src/wrappers/ExpSimplify/ExpSimplify.cpp
Export determination: 6.
Rationale: BUG: fixed some crashes

Change #28 with diff file ISSM-14342-14343.diff:
Function name:
M /issm/trunk-jpl/src/wrappers/ExpSimplify/ExpSimplify.cpp
Export determination: 6.
Rationale: CHG: minor

Change #29 with diff file ISSM-14343-14344.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/scaleruler.m
Export determination: 6.
Rationale: NEW: allow fontweight and fontcolor to be passed to scaleruler

Change #30 with diff file ISSM-14344-14345.diff:
Function name:
M /issm/trunk-jpl/src/wrappers/ExpSimplify/ExpSimplify.cpp
Export determination: 6.
Rationale: New: added remove1 and remove2 options

Change #31 with diff file ISSM-14345-14346.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/ExpSimplify/ExpSimplify.cpp

Export determination: 6.

Rationale: CHG: added min option, easier

Change #32 with diff file ISSM-14346-14347.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_streamlines.m

Export determination: 6.

Rationale: NEW: streamlines_color can be passed to specify color of streamlines

Change #33 with diff file ISSM-14347-14348.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_streamlines.m

Export determination: 6.

Rationale: CHG: forgot default value

Change #34 with diff file ISSM-14348-14349.diff:

Function name:

M /issm/trunk-jpl/src/android/Makefile.am

Export determination: 6.

Rationale: took out some of the targets

Change #35 with diff file ISSM-14349-14350.diff:

Function name:

M /issm/trunk-jpl/src/android/ISSM M /issm/trunk-jpl/src/android/ISSM_Visual

Export determination: 6.

Rationale: CHG: get svn to ignore some files

Change #36 with diff file ISSM-14350-14351.diff:

Function name:

M /issm/trunk-jpl/src/android/ISSM/AndroidManifest.xml M /issm/trunk-jpl/src/android/ISSM/bin/AndroidManifest.xml
M /issm/trunk-jpl/src/android/ISSM/jni/Main.cpp M /issm/trunk-jpl/src/android/ISSM/res/layout/issmcore
A /issm/trunk-jpl/src/android/ISSM/src/gov A /issm/trunk-jpl/src/android/ISSM/src/gov/nasa
A /issm/trunk-jpl/src/android/ISSM/src/gov/nasa/jpl A /issm/trunk-jpl/src/android/ISSM/src/gov/nasa/jpl
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A /issm/trunk-jpl/src/android/ISSM/src/gov/nasa/jpl/issm/SplashScreen.java
A /issm/trunk-jpl/src/android/ISSM/src/gov/nasa/jpl/issm/VerticalSeekBar.java

Export determination: 6.

Rationale: CHANGE: Package name for android project

Change #37 with diff file ISSM-14351-14352.diff:

Function name:

D /issm/trunk-jpl/src/android/ISSM/src/com

Export determination: 6.

Rationale: Remove : old package

Change #38 with diff file ISSM-14352-14353.diff:

Function name:

M /issm/trunk-jpl/src/m/solve/solve.m M /issm/trunk-jpl/src/m/solve/waitonlock.m

Export determination: 6.

Rationale: NEW: waitonlock now checks for job completion remotely

Change #39 with diff file ISSM-14353-14354.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/settings.m

Export determination: 6.

Rationale: CHG: updated display of settings)

Change #40 with diff file ISSM-14354-14355.diff:

Function name:

M /issm/trunk-jpl/src/android/ISSM/.project

Export determination: 6.

Rationale: CHG: changed name of app

Change #41 with diff file ISSM-14355-14356.diff:

Function name:

M /issm/trunk-jpl/src/android/ISSM/bin

Export determination: 6.

Rationale: CHG: get svn to ignore some files

Change #42 with diff file ISSM-14356-14357.diff:

Function name:

M /issm/trunk-jpl/src/m/solve/waitonlock.m

Export determination: 6.

Rationale: CHG: we need to wait for the outlog since the lock file might be written before the outlog and errlog

Change #43 with diff file ISSM-14357-14358.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp M /issm/trunk-jpl/src/c/modules/GroundinglineMigration/EnumToStringx/EnumToStringx.cpp M /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m A /issm/trunk-jpl/src/m/enum/SubelementMigrationEnum.m

Export determination: 6.

Rationale: CHG: minor added enum

Change #44 with diff file ISSM-14358-14359.diff:

Function name:

M /issm/trunk-jpl/configs/config-macosx64-nicole.sh

Export determination: 6.

Rationale: CHG: add F77 definition

Change #45 with diff file ISSM-14359-14360.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.h
M /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp M /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py
M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m

Export determination: 6.

Rationale: CHG: started work on grounding line

Change #46 with diff file ISSM-14360-14361.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp

Export determination: 6.

Rationale: BUG: fixed wrong type for groundingline migration style

Change #47 with diff file ISSM-14361-14362.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Transient/UpdateElementsTransient.cpp
M /issm/trunk-jpl/src/m/classes/groundingline.m M /issm/trunk-jpl/src/m/classes/groundingline.py

Export determination: 6.

Rationale: HCG working on GL

Change #48 with diff file ISSM-14362-14363.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Transient/UpdateElementsTransient.cpp

Export determination: 6.

Rationale: FIX: minor

Change #49 with diff file ISSM-14363-14364.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Transient/UpdateElementsTransient.cpp

Export determination: 6.

Rationale: FIX: fixed initialization of GLlevelset

Change #50 with diff file ISSM-14364-14365.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp M /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp M /issm/trunk-jpl/src/c/solutions/transient_core.cpp M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/GLlevelsetEnum.m A /issm/trunk-jpl/src/m/enum/GroundedPortionEnum.m M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m

Export determination: 6.

Rationale: CHG: output gllevelset

Change #51 with diff file ISSM-14365-14366.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp

Export determination: 6.

Rationale: FIX: inversed mainly floating and mainl grounded

Change #52 with diff file ISSM-14366-14367.diff:

Function name:

M /issm/trunk-jpl/externalpackages/vim/addons/vim/syntax/c.vim

Export determination: 6.

Rationale: CHG: SYncing syntax

Change #53 with diff file ISSM-14367-14368.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Transient/UpdateElementsTransient.cpp

Export determination: 6.

Rationale: FIX: bug from element index

Change #54 with diff file ISSM-14368-14369.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/solutions/transient_core.cpp

Export determination: 6.

Rationale: CHG: improved grounded portion computation

Change #55 with diff file ISSM-14369-14370.diff:

Function name:

M /issm/trunk-jpl/configs/config-arm-linux.sh

Export determination: 6.

Rationale: CHG: took out disable static flag

Change #56 with diff file ISSM-14370-14371.diff:

Function name:

M /issm/trunk-jpl/src/android/ISSM/Makefile.am M /issm/trunk-jpl/src/android/ISSM/src/gov/nasa/jpl/iss

Export determination: 6.

Rationale: CHG: updated Makefile.am to skip NDK-BUILD

Change #57 with diff file ISSM-14371-14372.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/runme.py

Export determination: 6.

Rationale: fixes incompatible array sizes in test119

Change #58 with diff file ISSM-14372-14373.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp

Export determination: 6.

Rationale: CHG: fixing GL dynamics

Change #59 with diff file ISSM-14373-14374.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp

Export determination: 6.

Rationale: BUG: fixed subelement grounding line

Change #60 with diff file ISSM-14374-14375.diff:

Function name:

A /issm/trunk-jpl/externalpackages/cccl/issm/cccl.pl

Export determination: 6.
Rationale: ADD: Prototype perl cccl.

Change #61 with diff file ISSM-14375-14376.diff:

Function name:
M /issm/trunk-jpl/etc/environment.sh
Export determination: 6.
Rationale: CHG: added aux-config to path

Change #62 with diff file ISSM-14376-14377.diff:

Function name:
M /issm/trunk-jpl/externalpackages/cccl/issm/cccl D /issm/trunk-jpl/externalpackages/cccl/issm/cccl.pl
Export determination: 6.
Rationale: CHG: modified cccl to better handle LIBPATH command set

Change #63 with diff file ISSM-14377-14378.diff:

Function name:
M /issm/trunk-jpl/src/c/modules/Exp2Kmlx/Exp2Kmlx.cpp M /issm/trunk-jpl/src/c/modules/Krigingx/pKrigingx.cpp M /issm/trunk-jpl/src/c/shared/Exp/exp.h
M /issm/trunk-jpl/src/wrappers/ExpSimplify/ExpSimplify.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/FetchMatlabData.cpp M /issm/trunk-jpl/src/wrappers/python/io/FetchPythonD
Export determination: 6.
Rationale: Renaming DomainOutlineRead ExpRead to be consistent

Change #64 with diff file ISSM-14378-14379.diff:

Function name:
M /issm/trunk-jpl/src/c/classes/objects/Elements/Element.h M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.h
M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Element
M /issm/trunk-jpl/src/c/modules/GroundinglineMigrationx/GroundinglineMigrationx.cpp
M /issm/trunk-jpl/src/c/modules/GroundinglineMigrationx/GroundinglineMigrationx.h
Export determination: 6.
Rationale: CHG: some renaming (no more sheet and shelf, but grounded float-
ing)

Change #65 with diff file ISSM-14379-14380.diff:

Function name:

M /issm/trunk-jpl/externalpackages/adolc M /issm/trunk-jpl/externalpackages/aspell
M /issm/trunk-jpl/externalpackages/chaco M /issm/trunk-jpl/externalpackages/distribute
M /issm/trunk-jpl/externalpackages/ec2ami M /issm/trunk-jpl/externalpackages/ec2api
M /issm/trunk-jpl/externalpackages/esmf M /issm/trunk-jpl/externalpackages/export_fig
A /issm/trunk-jpl/externalpackages/ffmpeg A /issm/trunk-jpl/externalpackages/ffmpeg/install-macosx64.sh
M /issm/trunk-jpl/externalpackages/gsl M /issm/trunk-jpl/externalpackages/matplotlib
M /issm/trunk-jpl/externalpackages/modules M /issm/trunk-jpl/externalpackages/ncview
M /issm/trunk-jpl/externalpackages/numpy M /issm/trunk-jpl/externalpackages/petsc
M /issm/trunk-jpl/externalpackages/python M /issm/trunk-jpl/externalpackages/scipy
M /issm/trunk-jpl/externalpackages/starcluster M /issm/trunk-jpl/externalpackages/tcl

Export determination: 6.

Rationale: CHG: getting svn to ignore some files. New ffmpeg package.

Change #66 with diff file ISSM-14380-14381.diff:

Function name:

M /issm/trunk-jpl/src/dox/issm.dox

Export determination: 6.

Rationale: CHG: updated code stats

Change #67 with diff file ISSM-14381-14382.diff:

Function name:

D /issm/trunk-jpl/src/perl/DiagnosticAlter.pl D /issm/trunk-jpl/src/perl/rsp_formatter.pl

Export determination: 6.

Rationale: DEL: cleaning up unused perl scripts

Change #68 with diff file ISSM-14382-14383.diff:

Function name:

D /issm/trunk-jpl/src/pro

Export determination: 6.

Rationale: DEL: cleaning up unused idl scripts

Change #69 with diff file ISSM-14383-14384.diff:

Function name:

M /issm/trunk-jpl/src/Makefile.am
Export determination: 6.
Rationale: DEL: no more pro directory

Change #70 with diff file ISSM-14384-14385.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Element

M /issm/trunk-jpl/src/c/classes/objects/Elements/TriaRef.h

Export determination: 6.

Rationale: CHG: getting rid of GetJacobian3d, which did not make sense (this is done by PentaRef), renamed GetJacobian2d accordingly

Change #71 with diff file ISSM-14385-14386.diff:

Function name:

A /issm/trunk-jpl/src/m/plot/colormaps/color_scale.m M /issm/trunk-jpl/src/m/plot/colormaps/getcolormap

Export determination: 6.

Rationale: NEW: damage colormap and color_scale function for creating maps with monotonic luminance, much better for perception

Change #72 with diff file ISSM-14386-14387.diff:

Function name:

M /issm/trunk-jpl/configs/config-win7-64.sh

Export determination: 6.

Rationale: CHG: fixing wrong location for quotes

Change #73 with diff file ISSM-14387-14388.diff:

Function name:

M /issm/trunk-jpl/m4/issm_options.m4

Export determination: 6.

Rationale: CHG: backtracking from LIBPATH to L option for cccl. Also, using ar-lib for microsoft linker

Change #74 with diff file ISSM-14388-14389.diff:

Function name:
M /issm/trunk-jpl/externalpackages/cccl/issm/cccl
Export determination: 6.
Rationale: CHG: stopping echo

Change #75 with diff file ISSM-14389-14390.diff:

Function name:
A /issm/trunk-jpl/m4/ar-lib.m4
Export determination: 6.
Rationale: ADD: Adding ar-lib.m4 to m4 macros directory. Not being installed by autoreconf at the moment.

Change #76 with diff file ISSM-14390-14391.diff:

Function name:
A /issm/trunk-jpl/src/mobile
Export determination: 6.
Rationale: NEW: common directory to dvlp mobile apps in android and iOS

Change #77 with diff file ISSM-14391-14392.diff:

Function name:
D /issm/trunk-jpl/src/android A /issm/trunk-jpl/src/mobile/android (from /issm/trunk-jpl/src/android:14390)
Export determination: 6.
Rationale: CHG: moved android into mobile

Change #78 with diff file ISSM-14392-14393.diff:

Function name:
M /issm/trunk-jpl/src/Makefile.am A /issm/trunk-jpl/src/mobile/Makefile.am
A /issm/trunk-jpl/src/mobile/ios
Export determination: 6.
Rationale: CHG: changing the Makefile.am to adapt to the new location of the android directory, inside mobile

Change #79 with diff file ISSM-14393-14394.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Numerics/GaussPoints.cpp

Export determination: 6.

Rationale: CHG: minor cosmetics (folds)

Change #80 with diff file ISSM-14394-14395.diff:

Function name:

A /issm/trunk-jpl/src/mobile/graphics

Export determination: 6.

Rationale: NEW: graphics directory for Silva to save her photoshop projects

Change #81 with diff file ISSM-14395-14396.diff:

Function name:

M /issm/trunk-jpl/m4/issm_options.m4

Export determination: 6.

Rationale: CHG: added _HAVE_ANDROID_ and iOS conditionals

Change #82 with diff file ISSM-14396-14397.diff:

Function name:

A /issm/trunk-jpl/configs/config-ios-linux.sh

Export determination: 6.

Rationale: NEW: configuration file for iOS build of ISSM

Change #83 with diff file ISSM-14397-14398.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM/jni/Main.cpp A /issm/trunk-jpl/src/mobile/ios/Makefile.am

Export determination: 6.

Rationale: CHG: link against Main.cpp in android/jni

Change #84 with diff file ISSM-14398-14399.diff:

Function name:

A /issm/trunk-jpl/src/mobile/native A /issm/trunk-jpl/src/mobile/native/Main.cpp

(from /issm/trunk-jpl/src/mobile/android/ISSM/jni/Main.cpp:14397) A /issm/trunk-jpl/src/mobile/native/Makefile.am
Export determination: 6.
Rationale: CHG: new native directory + get svn to ignore some files

Change #85 with diff file ISSM-14399-14400.diff:
Function name:
M /issm/trunk-jpl/src/mobile/ios M /issm/trunk-jpl/src/mobile/ios/Makefile.am
Export determination: 6.
Rationale: CHG: added ios directory + get svn to ignore some files

Change #86 with diff file ISSM-14400-14401.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_manager.m M /issm/trunk-jpl/src/m/plot/subplotmodel.m
Export determination: 6.
Rationale: NEW: asymsubplot option added to make asymmetrical subplot arrays, as on Matlab subplot doc page

Change #87 with diff file ISSM-14401-14402.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plotmodel.m
Export determination: 6.
Rationale: CHG: better default calculation for nlines

Change #88 with diff file ISSM-14402-14403.diff:
Function name:
A /issm/trunk-jpl/src/m/plot/manualcb.m
Export determination: 6.
Rationale: Added manualcb

Change #89 with diff file ISSM-14403-14404.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/manualcb.m

Export determination: 6.
Rationale: CHG: minor

Change #90 with diff file ISSM-14404-14405.diff:

Function name:
M /issm/trunk-jpl/src/m/plot/manualcb.m
Export determination: 6.
Rationale: CHG: better help

Change #91 with diff file ISSM-14405-14406.diff:

Function name:
M /issm/trunk-jpl/src/m/classes/mesh.m M /issm/trunk-jpl/src/m/classes/mesh.py
M /issm/trunk-jpl/src/m/classes/model/model.m
Export determination: 6.
Rationale: CHG: better description of md.mesh.elements (as pointed out by Johannes), and added xylin(md) for plot axis limits

Change #92 with diff file ISSM-14406-14407.diff:

Function name:
M /issm/trunk-jpl/configure.ac
Export determination: 6.
Rationale: BUG: src/android does not exist anymore

Change #93 with diff file ISSM-14407-14408.diff:

Function name:
M /issm/trunk-jpl M /issm/trunk-jpl/src/mobile/android/ISSM/Makefile.am
D /issm/trunk-jpl/src/mobile/android/ISSM/jni/Main.cpp M /issm/trunk-jpl/test/NightlyRun/android.m
Export determination: 6.
Rationale: CHG: getting svn to ignore some messages

Change #94 with diff file ISSM-14408-14409.diff:

Function name:
M /issm/trunk-jpl/configure.ac M /issm/trunk-jpl/src/mobile M /issm/trunk-

jpl/src/mobile/Makefile.am
Export determination: 6.
Rationale: CHG: fixed issue with Makefile missing in configure.ac for the mobile directory

Change #95 with diff file ISSM-14409-14410.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: BUG:Fixing PETSc-dev recognition

Change #96 with diff file ISSM-14410-14411.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG:Changing PETSc-ML includes

Change #97 with diff file ISSM-14411-14412.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_gridded.m
Export determination: 6.
Rationale: NEW: added forcecolormap options in plot_gridded to fix the colormap once for all

Change #98 with diff file ISSM-14412-14413.diff:
Function name:
M /issm/trunk-jpl/src/c/solvers/solver_thermal_nonlinear.cpp
Export determination: 6.
Rationale: CHG: removed 'starting direct shooting method' message

Change #99 with diff file ISSM-14413-14414.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/diagnostic.m M /issm/trunk-jpl/src/m/classes/diagnostic.py

Export determination: 6.
Rationale: NEW: isnewton is now 0,1 or 2 (hybrid)

Change #100 with diff file ISSM-14414-14415.diff:
Function name:
M /issm/trunk-jpl/src/c/solutions/diagnostic_core.cpp M /issm/trunk-jpl/src/c/solvers/solver_newton.cpp
Export determination: 6.
Rationale: CHG: newton is now an integer

Change #101 with diff file ISSM-14415-14416.diff:
Function name:
M /issm/trunk-jpl/src/c/solvers/solver_newton.cpp
Export determination: 6.
Rationale: NEW: reimplemented newton 2, where deltav is applied to the stiffness matrix

Change #102 with diff file ISSM-14416-14417.diff:
Function name:
M /issm/trunk-jpl/src/c/solvers/solver_newton.cpp
Export determination: 6.
Rationale: FIX: committed wrong file

Change #103 with diff file ISSM-14417-14418.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/manualcb.m
Export determination: 6.
Rationale: added options for manual tick levels

Change #104 with diff file ISSM-14418-14419.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/manualcb.m
Export determination: 6.
Rationale: CHG: consistent spacing in help text

Change #105 with diff file ISSM-14419-14420.diff:

Function name:

A /issm/trunk-jpl/src/mobile/graphics/export A /issm/trunk-jpl/src/mobile/graphics/export/android

A /issm/trunk-jpl/src/mobile/graphics/export/ios A /issm/trunk-jpl/src/mobile/graphics/photoshop

Export determination: 6.

Rationale: NEW: placeholder for graphic stuff from Silva for mobile app

Change #106 with diff file ISSM-14420-14421.diff:

Function name:

A /issm/trunk-jpl/src/mobile/graphics/photoshop/SplashPage.jpg

Export determination: 6.

Rationale: Add: Added the Splash Page

Change #107 with diff file ISSM-14421-14422.diff:

Function name:

A /issm/trunk-jpl/issmlogo.png M /issm/trunk-jpl/src/mobile/android/ISSM/project.properties

Export determination: 6.

Rationale: Add: Adding the issm logo

Change #108 with diff file ISSM-14422-14423.diff:

Function name:

D /issm/trunk-jpl/issmlogo.png

Export determination: 6.

Rationale: DEL: this is not the ISSM logo ;)

Change #109 with diff file ISSM-14423-14424.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp

Export determination: 6.

Rationale: minor

Change #110 with diff file ISSM-14424-14425.diff:

Function name:

A /issm/trunk-jpl/src/mobile/graphics/photoshop/JPL_Logo.psd A /issm/trunk-jpl/src/mobile/graphics/photoshop/Mainbackground.psd D /issm/trunk-jpl/src/mobile/graphics/photoshop/SplashPage.psd A /issm/trunk-jpl/src/mobile/graphics/photoshop/UCI_Logo.psd

Export determination: 6.

Rationale: ADD: Added the photoshop projects

Change #111 with diff file ISSM-14425-14426.diff:

Function name:

A /issm/trunk-jpl/src/mobile/graphics/export/android/ISSMlogo.png A /issm/trunk-jpl/src/mobile/graphics/export/android/SplashPage.png A /issm/trunk-jpl/src/mobile/graphics/export/android/jpl_logo.jpg A /issm/trunk-jpl/src/mobile/graphics/export/android/mainbackground.png

Export determination: 6.

Rationale: ADD: added UCIlogo.jpg, ISSMlogo.png, jpl_logo.jpg, mainbackground.png, SplashPage.png to android folder

Change #112 with diff file ISSM-14426-14427.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_transient_movie.m

Export determination: 6.

Rationale: BUG:Plot titles update with movie simulation

Change #113 with diff file ISSM-14427-14428.diff:

Function name:

M /issm/trunk-jpl/configs/config-arm-linux.sh

Export determination: 6.

Rationale: CHG: Install directory of libraries for Android build moved.

Change #114 with diff file ISSM-14428-14429.diff:

Function name:

M /issm/trunk-jpl/configs/config-arm-linux.sh

Export determination: 6.

Rationale: CHG: Minor correction to lib path.

Change #115 with diff file ISSM-14429-14430.diff:

Function name:

A /issm/trunk-jpl/src/m/exp/masktoexp.m

Export determination: 6.

Rationale: NEW: added code to convert mask to expfile

Change #116 with diff file ISSM-14430-14431.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test1110.m

Export determination: 6.

Rationale: BUG: ISMIP-HOM Test_F should not have a thermal analysis in the transient

Change #117 with diff file ISSM-14431-14432.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test1110.m

Export determination: 6.

Rationale: CHG: Moving change to .par file

Change #118 with diff file ISSM-14432-14433.diff:

Function name:

M /issm/trunk-jpl/test/Par/ISMIPF.par M /issm/trunk-jpl/test/Par/ISMIPF.py

Export determination: 6.

Rationale: CHG: Moved md.transient.isthermal=0 to par file

Change #119 with diff file ISSM-14433-14434.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/matrix/Vector.h

Export determination: 6.

Rationale: BUG: added assertion tests in classes/matrix/Vector.h to avoid nasty crash

Change #120 with diff file ISSM-14434-14435.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/matrix/ElementMatrix.cpp M /issm/trunk-jpl/src/c/classes/matrix/Element

Export determination: 6.

Rationale: BUG: fixing bug for now, but df should NOT be used in CreateK-Matrix, there should be a CreateDVector

Change #121 with diff file ISSM-14435-14436.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/FemModel.cpp M /issm/trunk-jpl/src/c/classes/matrix/ElementVector.cpp

M /issm/trunk-jpl/src/c/classes/objects/Elements/Element.h M /issm/trunk-

jpl/src/c/classes/objects/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.h

M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Element

Export determination: 6.

Rationale: NEW: CreateDVector is now independent of CreateKMatrix. It is more consistent

Change #122 with diff file ISSM-14436-14437.diff:

Function name:

M /issm/trunk-jpl/src/m/solve/waitonlock.m

Export determination: 6.

Rationale: BUG: cluster name is in md.cluster.name

Change #123 with diff file ISSM-14437-14438.diff:

Function name:

M /issm/trunk-jpl/src/Makefile.am M /issm/trunk-jpl/src/mobile/Makefile.am

M /issm/trunk-jpl/src/mobile/native/Makefile.am

Export determination: 6.

Rationale: CHG: Modified Makefile.am for Android build.

Change #124 with diff file ISSM-14438-14439.diff:

Function name:

M /issm/trunk-jpl/src/mobile/graphics/photoshop/Mainbackground.psd
Export determination: 6.
Rationale: CHG: new main background phtoshop project

Change #125 with diff file ISSM-14439-14440.diff:
Function name:
A /issm/trunk-jpl/src/mobile/graphics/photoshop/snowflake.jpg
Export determination: 6.
Rationale: NEW: snowflake image

Change #126 with diff file ISSM-14440-14441.diff:
Function name:
M /issm/trunk-jpl/src/m/exp/flowlines.m
Export determination: 6.
Rationale: BUG: queue might be empty

Change #127 with diff file ISSM-14441-14442.diff:
Function name:
M /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscMat.cpp
Export determination: 6.
Rationale: CHG: Added block size info for debugging

Change #128 with diff file ISSM-14442-14443.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: Added Umfpack

Change #129 with diff file ISSM-14443-14444.diff:
Function name:
M /issm/trunk-jpl/src/mobile/android/ISSM/AndroidManifest.xml M /issm/trunk-jpl/src/mobile/android/ISSM/bin/AndroidManifest.xml A /issm/trunk-jpl/src/mobile/android/ISSM/res/drawable-mdpi/back_button.png M /issm/trunk-jpl/src/mobile/android/ISSM/res/layout/issmcore.xml

A /issm/trunk-jpl/src/mobile/android/ISSM/res/layout/roundcorner.xml A /issm/trunk-jpl/src/mobile/android/ISSM/res/layout/settingsmenu.xml M /issm/trunk-jpl/src/mobile/android/ISSM/src/A /issm/trunk-jpl/src/mobile/android/ISSM/src/gov/nasa/jpl/issm/ISSMAPP.java M /issm/trunk-jpl/src/mobile/android/ISSM/src/gov/nasa/jpl/issm/IssmJni.java A /issm/trunk-jpl/src/mobile/android/ISSM/src/gov/nasa/jpl/issm/SliderMenu.java D /issm/trunk-jpl/src/mobile/android/ISSM/src/gov/nasa/jpl/issm/SplashScreen.java
 Export determination: 6.
 Rationale: change to package name, fix slider and allow multiple sliders as seperate UI component. Modify buttons, look, and location

Change #130 with diff file ISSM-14444-14445.diff:
 Function name:
 M /issm/trunk-jpl/externalpackages/petsc/install-3.3-pleiades.sh
 Export determination: 6.
 Rationale: CHG:compiles with dakota now

Change #131 with diff file ISSM-14445-14446.diff:
 Function name:
 M /issm/trunk-jpl/configs/config-pleiades-petsc3.3.sh
 Export determination: 6.
 Rationale: CHG:compiles with dakota now

Change #132 with diff file ISSM-14446-14447.diff:
 Function name:
 A /issm/trunk-jpl/src/mobile/graphics/export/android/Main&Buttons.jpg A /issm/trunk-jpl/src/mobile/graphics/export/ios/Main&Buttons.jpg A /issm/trunk-jpl/src/mobile/graphics/photoshop/Main D /issm/trunk-jpl/src/mobile/graphics/photoshop/Mainbackground.psd
 Export determination: 6.
 Rationale: NEW: background and buttons

Change #133 with diff file ISSM-14447-14448.diff:
 Function name:
 A /issm/trunk-jpl/src/mobile/graphics/export/android/about-button.png A /issm/trunk-jpl/src/mobile/graphics/export/android/gallery-button.png A /issm/trunk-jpl/src/mobile/graphics/export/android/team-button.png

A /issm/trunk-jpl/src/mobile/graphics/export/android/tutorial-button.png A
/issm/trunk-jpl/src/mobile/graphics/export/android/video-button.png
Export determination: 6.
Rationale: NEW: buttons

Change #134 with diff file ISSM-14448-14449.diff:
Function name:
A /issm/trunk-jpl/src/mobile/graphics/photoshop/First.zip
Export determination: 6.
Rationale: NEW: photoshop project

Change #135 with diff file ISSM-14449-14450.diff:
Function name:
M /issm/trunk-jpl/src/m/solve/parseresultsfromdisk.m
Export determination: 6.
Rationale: CHG: improved parseresultsfromdisk for results partially written

Change #136 with diff file ISSM-14450-14451.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/Solverx/SolverxPetsc.cpp
Export determination: 6.
Rationale: BUG: checking matrix is n=m, not m=m

Change #137 with diff file ISSM-14451-14452.diff:
Function name:
M /issm/trunk-jpl/src/m/solve/waitonlock.m
Export determination: 6.
Rationale: CHG: cosmetics

Change #138 with diff file ISSM-14452-14453.diff:
Function name:
A /issm/trunk-jpl/src/mobile/graphics/export/android/AboutPage.png A /issm/trunk-
jpl/src/mobile/graphics/export/android/TeamPage.png M /issm/trunk-jpl/src/mobile/graphics/export/andro

A /issm/trunk-jpl/src/mobile/graphics/export/ios/AboutPage.png A /issm/trunk-jpl/src/mobile/graphics/export/ios/MainBackground.png A /issm/trunk-jpl/src/mobile/graphics/export/ios/AboutPage.psd A /issm/trunk-jpl/src/mobile/graphics/photoshop/AboutPage.psd A /issm/trunk-jpl/src/mobile/graphics/photoshop/TeamPage.psd A /issm/trunk-jpl/src/mobile/text/About.txt A /issm/trunk-jpl/src/mobile/text/ISSMTeam.txt
Export determination: 6.
Rationale: CHG: committed silva's graphic and text pages

Change #139 with diff file ISSM-14453-14454.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/IoModel.cpp
Export determination: 6.
Rationale: CHG: be able to register information messages in android

Change #140 with diff file ISSM-14454-14455.diff:
Function name:
A /issm/trunk-jpl/configs/config-arm-linux-matlab.sh
Export determination: 6.
Rationale: CHG: use this to reset enum definitions in input files of the android project

Change #141 with diff file ISSM-14455-14456.diff:
Function name:
M /issm/trunk-jpl/externalpackages/android/android-emulators M /issm/trunk-jpl/externalpackages/android/android-sdk
Export determination: 6.
Rationale: CHG: get svn to ignore some files

Change #142 with diff file ISSM-14456-14457.diff:
Function name:
M /issm/trunk-jpl/src/mobile/android/ISSM/assets/Map/antarctica.bin M /issm/trunk-jpl/src/mobile/android/ISSM/assets/Map/antarctica.petsc M /issm/trunk-jpl/src/mobile/android/ISSM/assets/Map/greenland.petsc
Export determination: 6.

Rationale: CHG: new input files

Change #143 with diff file ISSM-14457-14458.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM/src/gov/nasa/jpl/issm/ISSM.java

M /issm/trunk-jpl/src/mobile/android/ISSM/src/gov/nasa/jpl/issm/ISSMAPP.java

Export determination: 6.

Rationale: Avoid non install of input files in some architectures. Also, allow button SET to be visible.

Change #144 with diff file ISSM-14458-14459.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM/jni/gslib/Android.mk M /issm/trunk-

jpl/src/mobile/android/ISSM/jni/issmlib/Android.mk

Export determination: 6.

Rationale: CHG: reestablishing a way to run ndk build

Change #145 with diff file ISSM-14459-14460.diff:

Function name:

A /issm/trunk-jpl/src/mobile/android/ISSM/jni/Main.cpp

Export determination: 6.

Rationale: CHG: symlink to native, so that we can still do an ndk build

Change #146 with diff file ISSM-14460-14461.diff:

Function name:

M /issm/trunk-jpl/src/m/solve/waitonlock.m

Export determination: 6.

Rationale: CHG: cosmetics, display time is min and sec

Change #147 with diff file ISSM-14461-14462.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/manualcb.m

Export determination: 6.

Rationale: BUG: fixed issue of text positioning for horizontal cb

Change #148 with diff file ISSM-14462-14463.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/manualcb.m

Export determination: 6.

Rationale: BUG: fixed same bug for vertical colorbars

Change #149 with diff file ISSM-14463-14464.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/scaleruler.m

Export determination: 6.

Rationale: CHG: single patch if numticks=1, + centered text

Change #150 with diff file ISSM-14464-14465.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/issm/SeqMat.h M /issm/trunk-jpl/src/c/toolkits/issm/SeqVec.h

Export determination: 6.

Rationale: CHG: need math.h

Change #151 with diff file ISSM-14465-14466.diff:

Function name:

A /issm/trunk-jpl/src/m/plot/vim.m

Export determination: 6.

Rationale: ADD: new vim capability in case a model is not available.

Change #152 with diff file ISSM-14466-14467.diff:

Function name:

A /issm/trunk-jpl/configs/config-linux64-larsen.sh

Export determination: 6.

Rationale: NEW: added larsen configuration script

Change #153 with diff file ISSM-14467-14468.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am

Export determination: 6.

Rationale: BUG: fixed compilation on larsen, MEXLIB needs to be last in deps

Change #154 with diff file ISSM-14468-14469.diff:

Function name:

A /issm/trunk-jpl/externalpackages/cython A /issm/trunk-jpl/externalpackages/cython/install.sh

Export determination: 6.

Rationale: NEW: Added cython package required by scipy on larsen

Change #155 with diff file ISSM-14469-14470.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/generic.py

Export determination: 6.

Rationale: CHG: on some machine we get 'source command not found', so we run the model queueing script directly rather than sourcing the file

Change #156 with diff file ISSM-14470-14471.diff:

Function name:

D /issm/trunk-jpl/externalpackages/dakota/README A /issm/trunk-jpl/externalpackages/dakota/configs/5.

D /issm/trunk-jpl/externalpackages/dakota/dakota_njs_notes_macos64.txt A /issm/trunk-jpl/externalpackages/dakota/install-5.2-linux64-larsen.sh

Export determination: 6.

Rationale: NEW: added larsen's installation script, still having issues with blas and lapack

Change #157 with diff file ISSM-14471-14472.diff:

Function name:

M /issm/trunk-jpl/configs/config-linux64-larsen.sh

Export determination: 6.

Rationale: CHG: do not compile with dakota for now

Change #158 with diff file ISSM-14472-14473.diff:

Function name:

A /issm/trunk-jpl/src/mobile/android/ISSM_APP A /issm/trunk-jpl/src/mobile/android/ISSM_APP/.classpath
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/.project A /issm/trunk-jpl/src/mobile/android/ISSM_APP/.settings/org.eclipse.jdt.core.prefs
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/AndroidManifest.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/Makefile.am A /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map A /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/antarctica.bin A /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/antarctica.petsc A /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/greenland.bin A /issm/trunk-jpl/src/mobile/android/ISSM_APP/bin A /issm/trunk-jpl/src/mobile/android/ISSM_APP/bin/AndroidManifest.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/ic_launcher-web.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/jni A /issm/trunk-jpl/src/mobile/android/ISSM_APP/jni/Android.mk
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/jni/Application.mk A /issm/trunk-jpl/src/mobile/android/ISSM_APP/jni/Main.cpp A /issm/trunk-jpl/src/mobile/android/ISSM_APP/jni/gslilib A /issm/trunk-jpl/src/mobile/android/ISSM_APP/jni/gslilib/Android.mk A /issm/trunk-jpl/src/mobile/android/ISSM_APP/jni/issmlib A /issm/trunk-jpl/src/mobile/android/ISSM_APP/jni/issmlib/Android.mk A /issm/trunk-jpl/src/mobile/android/ISSM_APP/libs A /issm/trunk-jpl/src/mobile/android/ISSM_APP/proguard-project.txt A /issm/trunk-jpl/src/mobile/android/ISSM_APP/project.properties A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/anim A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/anim/fade_out.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/anim/left_out.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/anim/translate.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-hdpi A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-hdpi/background.old.jpg A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-hdpi/greenland_img.jpg A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-hdpi/ic_action_search.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-hdpi/ic_launcher.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-hdpi/issmlogo.jpg A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-hdpi/mainbackground.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-hdpi/splash.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-hdpi/splashbackground.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-ldpi A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-ldpi/ic_launcher.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/about_button.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/antarctica.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/back_button.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/blue.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/btn_lightblue_glossy.9.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/btn_press.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/custom_button.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/dropdown.9.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/greenland.png

A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/ic_about.jpg
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/ic_action_search.png
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/ic_color.jpg
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/ic_launcher.png
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/intro.png
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/issm_logo.png
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/logo.old.png
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/play_button.png
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/seek_bg.9.png
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/start.png
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/team_button.png
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/thumb.png
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/video.png
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/video_button.png
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/visitus.png
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/whitepatch.9.png
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-xhdpi A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-xhdpi/ic_action_search.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-xhdpi/ic_launcher.png
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/issmcore.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/main_issm.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/menupage.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/popuptext.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/progress_bar.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/roundcorner.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/seekbar_progress.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/seekbar_progress_bg.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/settingsmenu.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/splashscreen.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/menu A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/menu/a A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/menu/issm_menu.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/values A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/values/dimens.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/values/strings.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/values-large A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/values-large/dimens.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/values-v11 A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/values-v11/styles.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/values-v14/styles.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/src A /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ColorBar.java A /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ColorMap.java A /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ColorMenu.java

A /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ISSM.java
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ISSMAPP.java
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/IssmJni.java
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/MenuPage.java
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/MyGLRenderer.java
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/MyGLSurfaceView.java
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/SliderMenu.java
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/VerticalSeekBar.java
Export determination: 6.
Rationale: ISSM APP new beta version

Change #159 with diff file ISSM-14473-14474.diff:

Function name:
M /issm/trunk-jpl/src/dox/issm.dox
Export determination: 6.
Rationale: fixed links for doxygen main page

Change #160 with diff file ISSM-14474-14475.diff:

Function name:
A /issm/trunk-jpl/src/mobile/graphics/export/android/about-btn-press.png M
/issm/trunk-jpl/src/mobile/graphics/export/android/about-button.png A /issm/trunk-
jpl/src/mobile/graphics/export/android/antarctica-1.png A /issm/trunk-jpl/src/mobile/graphics/export/android/
press.png A /issm/trunk-jpl/src/mobile/graphics/export/android/btn.png A /issm/trunk-
jpl/src/mobile/graphics/export/android/greenland-1.png A /issm/trunk-jpl/src/mobile/graphics/photoshop/A
Btn-Press.psd A /issm/trunk-jpl/src/mobile/graphics/photoshop/About-Btn.psd
A /issm/trunk-jpl/src/mobile/graphics/photoshop/btn-press.psd
Export determination: 6.
Rationale: added graphics for android build

Change #161 with diff file ISSM-14475-14476.diff:

Function name:
M /issm/trunk-jpl/externalpackages/doxygen/install.sh
Export determination: 6.
Rationale: fixed doxygen install script

Change #162 with diff file ISSM-14476-14477.diff:

Function name:

M /issm/trunk-jpl/src/c/Container/Constraints.cpp M /issm/trunk-jpl/src/c/Container/Constraints.h
M /issm/trunk-jpl/src/c/Container/Container.h M /issm/trunk-jpl/src/c/Container/DataSet.cpp
M /issm/trunk-jpl/src/c/Container/DataSet.h M /issm/trunk-jpl/src/c/Container/Elements.cpp
M /issm/trunk-jpl/src/c/Container/Elements.h M /issm/trunk-jpl/src/c/Container/Inputs.h
M /issm/trunk-jpl/src/c/Container/Loads.cpp M /issm/trunk-jpl/src/c/Container/Loads.h
M /issm/trunk-jpl/src/c/Container/Materials.cpp M /issm/trunk-jpl/src/c/Container/Materials.h
M /issm/trunk-jpl/src/c/Container/Nodes.cpp M /issm/trunk-jpl/src/c/Container/Nodes.h
M /issm/trunk-jpl/src/c/Container/Observations.cpp M /issm/trunk-jpl/src/c/Container/Observations.h
M /issm/trunk-jpl/src/c/Container/Options.cpp M /issm/trunk-jpl/src/c/Container/Options.h
M /issm/trunk-jpl/src/c/Container/Parameters.cpp M /issm/trunk-jpl/src/c/Container/Parameters.h
M /issm/trunk-jpl/src/c/Container/Results.cpp M /issm/trunk-jpl/src/c/Container/Results.h
M /issm/trunk-jpl/src/c/Container/Vertices.cpp M /issm/trunk-jpl/src/c/Container/Vertices.h

Export determination: 6.

Rationale: CHG: updated code comments for doxygen doc

Change #163 with diff file ISSM-14477-14478.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/generic.py

Export determination: 6.

Rationale: CHG: execute queueing script directly

Change #164 with diff file ISSM-14478-14479.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP M /issm/trunk-jpl/src/mobile/android/ISSM_APP/bin
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/jni/Main.cpp

Export determination: 6.

Rationale: CHG: get svn to ignore some files

Change #165 with diff file ISSM-14479-14480.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/bin

Export determination: 6.

Rationale: CHG: get svn to ignore some files

Change #166 with diff file ISSM-14480-14481.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/plotoptions.m M /issm/trunk-jpl/src/m/classes/plotoptions.py

Export determination: 6.

Rationale: CHG: remove 'figure' from option to avoid warning from plotmodel
about unused option

Change #167 with diff file ISSM-14481-14482.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/IssmJni.java

Export determination: 6.

Rationale: CHG: lower case instead of upper case

Change #168 with diff file ISSM-14482-14483.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/Makefile.am

Export determination: 6.

Rationale: CHG: only build ISSM_APP

Change #169 with diff file ISSM-14483-14484.diff:

Function name:

D /issm/trunk-jpl/src/mobile/android/ISSM_APP/jni

Export determination: 6.

Rationale: CHG: not needed anymore

Change #170 with diff file ISSM-14484-14485.diff:

Function name:

M /issm/trunk-jpl/src/mobile/native/Makefile.am

Export determination: 6.

Rationale: CHG: need other name

Change #171 with diff file ISSM-14485-14486.diff:

Function name:

M /issm/trunk-jpl/configs/config-arm-linux.sh M /issm/trunk-jpl/configure.ac
Export determination: 6.
Rationale: Switch from ISSM to ISSM_APP

Change #172 with diff file ISSM-14486-14487.diff:
Function name:
A /issm/trunk-jpl/externalpackages/gsl/install-ios.sh
Export determination: 6.
Rationale: CHG: trying ios compile

Change #173 with diff file ISSM-14487-14488.diff:
Function name:
M /issm/trunk-jpl/configs/config-ios-linux.sh
Export determination: 6.
Rationale: CHG: iOS cross compile, missing cross-linking with gsl

Change #174 with diff file ISSM-14488-14489.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/scaleruler.m
Export determination: 6.
Rationale: center last numerical label and then append units for scaleruler

Change #175 with diff file ISSM-14489-14490.diff:
Function name:
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-hdpi/blank_background.png
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/antarctica_1.png
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/greenland_1.png
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/snow_btn.png
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/snow_btn_press.png
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/snow_button.xml
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/issmcore.xml M
/issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/issmmapselection.xml
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/menupage.xml M
/issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/settingsmenu.xml M
/issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ISSM.java

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/MenuPage.java
Export determination: 6.
Rationale: New Layout for button, greenland and Antarctica map

Change #176 with diff file ISSM-14490-14491.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/manualcb.m
Export determination: 6.
Rationale: title location for horizontal manualcb

Change #177 with diff file ISSM-14491-14492.diff:
Function name:
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/MyGLSurfaceView.java
Export determination: 6.
Rationale: CHG: do need to have x and y scale factor on first draw

Change #178 with diff file ISSM-14492-14493.diff:
Function name:
M /issm/trunk-jpl/scripts/getloc.sh
Export determination: 6.
Rationale: CHG: now include mobile in line of code count

Change #179 with diff file ISSM-14493-14494.diff:
Function name:
M /issm/trunk-jpl/src/dox/issm.dox
Export determination: 6.
Rationale: Updated line of code count

Change #180 with diff file ISSM-14494-14495.diff:
Function name:
A /issm/trunk-jpl/externalpackages/dakota/install-5.2-pleiades-petsc3.3.sh
Export determination: 6.
Rationale: NEW: pfe dakota install

Change #181 with diff file ISSM-14495-14496.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/discover.m M /issm/trunk-jpl/src/m/classes/clusters/pfe.m

Export determination: 6.

Rationale: CHG: misspelling

Change #182 with diff file ISSM-14496-14497.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/pfe.m

Export determination: 6.

Rationale: CHG: revert pfe cluster

Change #183 with diff file ISSM-14497-14498.diff:

Function name:

A /issm/trunk-jpl/src/mobile/graphics/export/android/antarctica_1.png A /issm/trunk-

jpl/src/mobile/graphics/export/android/antarctica_press.png A /issm/trunk-jpl/src/mobile/graphics/export/

A /issm/trunk-jpl/src/mobile/graphics/export/android/greenland_press.png A

/issm/trunk-jpl/src/mobile/graphics/export/android/snowflake_btn.png A /issm/trunk-

jpl/src/mobile/graphics/export/android/snowflake_btn_press.png A /issm/trunk-

jpl/src/mobile/graphics/photoshop/antarctica_press.psd A /issm/trunk-jpl/src/mobile/graphics/photoshop/g

A /issm/trunk-jpl/src/mobile/graphics/photoshop/snowflake_btn.psd A /issm/trunk-

jpl/src/mobile/graphics/photoshop/snowflake_btn_press.psd

Export determination: 6.

Rationale: Added new photoshop project and pnd files and Deleted the extra ones.

Change #184 with diff file ISSM-14498-14499.diff:

Function name:

M /issm/trunk-jpl/externalpackages/dakota/install-5.2-linux64-larsen.sh

Export determination: 6.

Rationale: CHG: use PETSc's lapack and blas libraries on larsen

Change #185 with diff file ISSM-14499-14500.diff:

Function name:

M /issm/trunk-jpl/configs/config-linux64-larsen.sh

Export determination: 6.

Rationale: CHG: now compile with dakota

Change #186 with diff file ISSM-14500-14501.diff:

Function name:

M /issm/trunk-jpl/m4/issm_options.m4

Export determination: 6.

Rationale: BUG: now need to add -ldl to compile dakota on larsen

Change #187 with diff file ISSM-14501-14502.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/greenplanet.m

Export determination: 6.

Rationale: added time field in greenplanet cluster

Change #188 with diff file ISSM-14502-14503.diff:

Function name:

M /issm/trunk-jpl/externalpackages/petsc/install-3.3-linux64.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.3-macosx64.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.3-pleiades.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.3-walgreen.sh

Export determination: 6.

Rationale: PETSC3.3 release is now p6

Change #189 with diff file ISSM-14503-14504.diff:

Function name:

A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/antarctica_button.xml

A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/antarctica_press.png

A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/greenland_button.xml

A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/greenland_press.png

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/snow_btn_press.png

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/issmmapselection.xml

Export determination: 6.

Rationale: Change: button and map layout

Change #190 with diff file ISSM-14504-14505.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/issmcore.xml M
/issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/settingsmenu.xml

Export determination: 6.

Rationale: CHG: minor changes

Change #191 with diff file ISSM-14505-14506.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/IdToName.py

Export determination: 6.

Rationale: BUG: fixed typo, test 439 -j, test429

Change #192 with diff file ISSM-14506-14507.diff:

Function name:

A /issm/trunk-jpl/src/mobile/android/ISSM_APP/jni A /issm/trunk-jpl/src/mobile/android/ISSM_APP/jni/
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/jni/Application.mk A /issm/trunk-
jpl/src/mobile/android/ISSM_APP/jni/Main.cpp A /issm/trunk-jpl/src/mobile/android/ISSM_APP/jni/gslil
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/jni/gslilib/Android.mk A /issm/trunk-
jpl/src/mobile/android/ISSM_APP/jni/issmlib A /issm/trunk-jpl/src/mobile/android/ISSM_APP/jni/issmlib
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ISSM.java
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/IssmJni.java
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/SliderMenu.java

Export determination: 6.

Rationale: Adding temperature sliders its prototype on Jni port

Change #193 with diff file ISSM-14508-14509.diff:

Function name:

D /issm/trunk-jpl/src/mobile/android/ISSM_APP/jni

Export determination: 6.

Rationale: CHG: not needed anymore

Change #194 with diff file ISSM-14509-14510.diff:

Function name:

M /issm/trunk-jpl/etc/environment.csh M /issm/trunk-jpl/etc/environment.sh

Export determination: 6.

Rationale: BUG: updating environment variables for pleiades (PETSc's libraries are in petsc/install/lib for example)

Change #195 with diff file ISSM-14510-14511.diff:

Function name:

M /issm/trunk-jpl/m4/issm_options.m4

Export determination: 6.

Rationale: CHG: pleiades' compilers do not use -xS flags anymore

Change #196 with diff file ISSM-14511-14512.diff:

Function name:

M /issm/trunk-jpl/configs/config-pleiades-petsc3.3.sh

Export determination: 6.

Rationale: CHG: updating config-pleiades-petsc3.3.sh

Change #197 with diff file ISSM-14512-14513.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/IoModel.cpp M /issm/trunk-jpl/src/c/shared/Exp/exp.h

M /issm/trunk-jpl/src/c/solutions/dakota_core.cpp

Export determination: 6.

Rationale: CHG: added checks on fread to avoid compiler warnings on larsen

Change #198 with diff file ISSM-14513-14514.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/colormaps/getcolormap.m

Export determination: 6.

Rationale: CHG: reduced number of colors to 128 in redblue colormap to reduce excessive file size

Change #199 with diff file ISSM-14514-14515.diff:

Function name:

M /issm/trunk-jpl/src/c/solutions/dakota_core.cpp

Export determination: 6.

Rationale: BUG: reverted change on string

Change #200 with diff file ISSM-14515-14516.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/settingsmenu.xml

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ISSM.java

M /issm/trunk-jpl/src/mobile/native/Main.cpp

Export determination: 6.

Rationale: CHG: bug change from Lan plus minor changes

Change #201 with diff file ISSM-14516-14517.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/AndroidManifest.xml M /issm/trunk-

jpl/src/mobile/android/ISSM_APP/bin/AndroidManifest.xml A /issm/trunk-

jpl/src/mobile/android/ISSM_APP/res/drawable-hdpi/natureimage1.jpg A /issm/trunk-

jpl/src/mobile/android/ISSM_APP/res/drawable-hdpi/natureimage2.jpg A /issm/trunk-

jpl/src/mobile/android/ISSM_APP/res/drawable-hdpi/natureimage3.jpg A /issm/trunk-

jpl/src/mobile/android/ISSM_APP/res/drawable-hdpi/natureimage4.jpg A /issm/trunk-

jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/arrow_left_disabled.png

A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/arrow_left_enabled.png

A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/arrow_right_disabled.png

A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/arrow_right_enabled.png

A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/image_border.xml

A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/selected_image_border.xml

A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/gallery.xml M /issm/trunk-

jpl/src/mobile/android/ISSM_APP/res/layout/issmmapselection.xml M /issm/trunk-

jpl/src/mobile/android/ISSM_APP/res/layout/menupage.xml M /issm/trunk-

jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ColorMap.java A /issm/trunk-

jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/GalleryAdapter.java

A /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/GalleryImage.java

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ISSM.java

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/MenuPage.java

Export determination: 6.

Rationale: ADD: gallery implementation for ISSM App

Change #202 with diff file ISSM-14517-14518.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/colormaps/demmap.m A /issm/trunk-jpl/src/m/plot/colormaps/ibcao.m

Export determination: 6.

Rationale: Added ibcao colormap

Change #203 with diff file ISSM-14518-14519.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-hdpi/natureimage1.jpg

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-hdpi/natureimage2.jpg

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-hdpi/natureimage3.jpg

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-hdpi/natureimage4.jpg

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/GalleryImage.java

Export determination: 6.

Rationale: CHG: new images

Change #204 with diff file ISSM-14519-14520.diff:

Function name:

A /issm/trunk-jpl/src/mobile/graphics/gallery A /issm/trunk-jpl/src/mobile/graphics/gallery/1

A /issm/trunk-jpl/src/mobile/graphics/gallery/1/DragCoefficient.pdf A /issm/trunk-

jpl/src/mobile/graphics/gallery/1/GreenlandTransient.pdf A /issm/trunk-jpl/src/mobile/graphics/gallery/1/

A /issm/trunk-jpl/src/mobile/graphics/gallery/1/JksBamg.pdf A /issm/trunk-

jpl/src/mobile/graphics/gallery/1/Scalability.pdf A /issm/trunk-jpl/src/mobile/graphics/gallery/1/Vel.pdf

A /issm/trunk-jpl/src/mobile/graphics/gallery/2 A /issm/trunk-jpl/src/mobile/graphics/gallery/2/Hist.png

A /issm/trunk-jpl/src/mobile/graphics/gallery/2/LocalReliabilityMulti10.png A

/issm/trunk-jpl/src/mobile/graphics/gallery/2/Partition1.png A /issm/trunk-

jpl/src/mobile/graphics/gallery/2/PigContours.pdf A /issm/trunk-jpl/src/mobile/graphics/gallery/2/PigInpu

A /issm/trunk-jpl/src/mobile/graphics/gallery/2/Scaling.pdf A /issm/trunk-

jpl/src/mobile/graphics/gallery/3 A /issm/trunk-jpl/src/mobile/graphics/gallery/3/PigHist.pdf

A /issm/trunk-jpl/src/mobile/graphics/gallery/3/PigHist2.pdf A /issm/trunk-

jpl/src/mobile/graphics/gallery/3/PigMassHist.pdf A /issm/trunk-jpl/src/mobile/graphics/gallery/3/PigPdf.

A /issm/trunk-jpl/src/mobile/graphics/gallery/3/PigResults.pdf A /issm/trunk-

jpl/src/mobile/graphics/gallery/3/PigScatterCorrelation.pdf

Export determination: 6.

Rationale: CHG: for the gallery

Change #205 with diff file ISSM-14520-14521.diff:

Function name:

A /issm/trunk-jpl/src/m/morphological A /issm/trunk-jpl/src/m/morphological/closing.m
A /issm/trunk-jpl/src/m/morphological/dilation.m A /issm/trunk-jpl/src/m/morphological/erosion.m
A /issm/trunk-jpl/src/m/morphological/opening.m
Export determination: 6.
Rationale: NEW: morphological operations

Change #206 with diff file ISSM-14521-14522.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/AndroidManifest.xml M /issm/trunk-jpl/src/mobile/android/ISSM_APP/bin/AndroidManifest.xml M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/issmcore.xml M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/values/issmcore.xml

Export determination: 6.

Rationale: REMOVE: User stay on splashscreen problem, remove custom back button and add functional to android default back button

Change #207 with diff file ISSM-14522-14523.diff:

Function name:

A /issm/trunk-jpl/src/mobile/graphics/export/android/arrow_left_disabled.png
A /issm/trunk-jpl/src/mobile/graphics/export/android/arrow_left_enabled.png
A /issm/trunk-jpl/src/mobile/graphics/export/android/arrow_right_disabled.png
A /issm/trunk-jpl/src/mobile/graphics/export/android/arrow_right_enabled.png

Export determination: 6.

Rationale: Added the arrows

Change #208 with diff file ISSM-14523-14524.diff:

Function name:

A /issm/trunk-jpl/configs/config-macosx64-basile.sh

Export determination: 6.

Rationale: Basile config file april2013

Change #209 with diff file ISSM-14524-14525.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM/AndroidManifest.xml M /issm/trunk-jpl/src/mobile/android/ISSM/bin/AndroidManifest.xml M /issm/trunk-jpl/src/mobile/android/ISSM/project.properties M /issm/trunk-jpl/src/mobile/android/ISSM/res/layout/videopage.xml M /issm/trunk-jpl/src/mobile/android/ISSM/res/values/issmcore.xml

jpl/src/mobile/android/ISSM/res/values/dimens.xml M /issm/trunk-jpl/src/mobile/android/ISSM/res/values
M /issm/trunk-jpl/src/mobile/android/ISSM/src/gov/nasa/jpl/issm/MenuPage.java
A /issm/trunk-jpl/src/mobile/android/ISSM/src/gov/nasa/jpl/issm/VideoActivity.java
Export determination: 6.
Rationale: Updated video to play in videoview rather than launch web frame

Change #210 with diff file ISSM-14525-14526.diff:

Function name:

A /issm/trunk-jpl/src/m/morphological/aggregation.m M /issm/trunk-jpl/src/m/morphological/dilation.m
M /issm/trunk-jpl/src/m/morphological/erosion.m M /issm/trunk-jpl/src/m/morphological/opening.m

Export determination: 6.

Rationale: NEW: aggregation tool

Change #211 with diff file ISSM-14526-14527.diff:

Function name:

M /issm/trunk-jpl/externalpackages/petsc/install-3.3-pleiades.sh

Export determination: 6.

Rationale: CHG: now use mpt.2.06rp16 as MPI

Change #212 with diff file ISSM-14527-14528.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM/AndroidManifest.xml M /issm/trunk-jpl/src/mobile/android/ISSM/bin/AndroidManifest.xml M /issm/trunk-jpl/src/mobile/android/ISSM/res/layout
M /issm/trunk-jpl/src/mobile/android/ISSM/src/gov/nasa/jpl/issm/VideoActivity.java

Export determination: 6.

Rationale: Adjusted android permissions to allow internet access and network status. Videoview page works.

Change #213 with diff file ISSM-14528-14529.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/AndroidManifest.xml M /issm/trunk-jpl/src/mobile/android/ISSM_APP/bin/AndroidManifest.xml M /issm/trunk-jpl/src/mobile/android/ISSM_APP/project.properties A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/MenuPage.java
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/VideoActivity.java

Export determination: 6.

Rationale: Committing android video in videoplayer changes to ISSM_APP

Change #214 with diff file ISSM-14529-14530.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.cpp M /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToStr
M /issm/trunk-jpl/src/c/modules/ModelProcessox/DiagnosticHoriz/UpdateElementsDiagnosticHoriz.cpp
M /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp M /issm/trunk-jpl/src/m/boundaryconditions/SetIceSheetBC.m M /issm/trunk-jpl/src/m/boundaryconditions/SetIceSheetB
M /issm/trunk-jpl/src/m/boundaryconditions/SetIceShelfBC.m M /issm/trunk-jpl/src/m/boundaryconditions/SetIceShelfBC.py M /issm/trunk-jpl/src/m/boundaryconditions/SetMarineIce
M /issm/trunk-jpl/src/m/boundaryconditions/SetMarineIceSheetBC.py M /issm/trunk-jpl/src/m/classes/diagnostic.m M /issm/trunk-jpl/src/m/classes/diagnostic.py
M /issm/trunk-jpl/src/m/classes/model/model.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py
A /issm/trunk-jpl/src/m/enum/LoadingforceXEnum.m A /issm/trunk-jpl/src/m/enum/LoadingforceYEnum.m
A /issm/trunk-jpl/src/m/enum/LoadingforceZEnum.m M /issm/trunk-jpl/src/m/enum/MaximumNumberOf

Export determination: 6.

Rationale: NEW: added variable forcing load for stokes

Change #215 with diff file ISSM-14530-14531.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/diagnostic.py M /issm/trunk-jpl/src/m/classes/model/model.py

Export determination: 6.

Rationale: BUG: fixed names for python

Change #216 with diff file ISSM-14531-14532.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/diagnostic.m

Export determination: 6.

Rationale: minor

Change #217 with diff file ISSM-14532-14533.diff:

Function name:

A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/backview.xml A

/issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/frontview.xml M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/gallery.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP A /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/FlipAnimation.java M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/GalleryImage.java A /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/SwapViews.java
Export determination: 6.
Rationale: ADD: Flip feature to gallery to allow descriptions for the image

Change #218 with diff file ISSM-14533-14534.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/arrow_left_disabled.png
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/arrow_left_enabled.png
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/arrow_right_disabled.png
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/arrow_right_enabled.png
Export determination: 6.

Rationale: CHNG: color of arrows on on gallery page

Change #219 with diff file ISSM-14534-14535.diff:

Function name:

M /issm/trunk-jpl/test/Par/RoundSheetShelf.par M /issm/trunk-jpl/test/Par/RoundSheetShelf.py
Export determination: 6.

Rationale: FIX: repared nightly run

Change #220 with diff file ISSM-14535-14536.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/IdToName.m A /issm/trunk-jpl/test/NightlyRun/test330.m
Export determination: 6.

Rationale: NEW: new gia test for nightly runs

Change #221 with diff file ISSM-14536-14537.diff:

Function name:

M /issm/trunk-jpl/src/m/exp/expcreateprofile.m M /issm/trunk-jpl/src/m/exp/expflip.m
A /issm/trunk-jpl/src/m/morphological/vectorialize.m
Export determination: 6.

Rationale: CHG: morphological routines

Change #222 with diff file ISSM-14537-14538.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp M /issm/trunk-jpl/src/c/modules/StringToEnumx/S
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/GiaSolutionEnum.m
M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m M /issm/trunk-jpl/src/mobile/android/ISSM_APP/project.properties M /issm/trunk-jpl/test/NightlyRun/test330.m

Export determination: 6.

Rationale: CHG: new GIA enum, new solution for GIA test330

Change #223 with diff file ISSM-14538-14539.diff:

Function name:

M /issm/trunk-jpl/configs/config-macosx64-larour.sh M /issm/trunk-jpl/m4/issm_options.m4
M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp
M /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp M /issm/trunk-jpl/src/c/solutions/AnalysisConfiguration.cpp M /issm/trunk-jpl/src/c/solutions/CorePointerFromSolutionEn
A /issm/trunk-jpl/src/c/solutions/gia_core.cpp M /issm/trunk-jpl/src/c/solutions/solutions.h
M /issm/trunk-jpl/src/c/solutions/transient_core.cpp M /issm/trunk-jpl/src/m/consistency/ismodelselfconsist
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/GiaAnalysisEnum.m
A /issm/trunk-jpl/src/m/enum/GiaWEnum.m M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m
A /issm/trunk-jpl/src/m/enum/TransientIsgiaEnum.m M /issm/trunk-jpl/src/m/solve/process_solve_options.m
M /issm/trunk-jpl/test/NightlyRun/test330.m

Export determination: 6.

Rationale: NEW: GIA modifications

Change #224 with diff file ISSM-14539-14540.diff:

Function name:

A /issm/trunk-jpl/test/Archives/Archive331.nc M /issm/trunk-jpl/test/NightlyRun/IdToName.m
A /issm/trunk-jpl/test/NightlyRun/test331.m

Export determination: 6.

Rationale: NEW: added hydrology nightly run

Change #225 with diff file ISSM-14540-14541.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/solutions/hydrology_core.cpp

D /issm/trunk-jpl/src/c/solutions/hydrology_core_step.cpp M /issm/trunk-jpl/src/c/solutions/solutions.h

Export determination: 6.

Rationale: CHG: removed hydrology_core_step

Change #226 with diff file ISSM-14541-14542.diff:

Function name:

M /issm/trunk-jpl/test/Par/RoundSheetShelf.par M /issm/trunk-jpl/test/Par/RoundSheetShelf.py

Export determination: 6.

Rationale: FIX: minor

Change #227 with diff file ISSM-14542-14543.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/IdToName.py A /issm/trunk-jpl/test/NightlyRun/test331.py

Export determination: 6.

Rationale: NEW: added hydrology test in python

Change #228 with diff file ISSM-14543-14544.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/transient.m M /issm/trunk-jpl/src/m/classes/transient.py

Export determination: 6.

Rationale: FIX: added isgia in transient class

Change #229 with diff file ISSM-14544-14545.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/ModelProcessox/CreateParameters.cpp

Export determination: 6.

Rationale: FIX: transientisgiaEnum in parameters

Change #230 with diff file ISSM-14545-14546.diff:

Function name:

M /issm/trunk-jpl/src/c/solutions/gia_core.cpp

Export determination: 6.
Rationale: CHG: minor typo

Change #231 with diff file ISSM-14546-14547.diff:
Function name:
M /issm/trunk-jpl/src/c/solutions/AnalysisConfiguration.cpp
Export determination: 6.
Rationale: BUG: added gia analysis in analysisconfiguration

Change #232 with diff file ISSM-14547-14548.diff:
Function name:
M /issm/trunk-jpl/src/mobile/android/ISSM/src/gov/nasa/jpl/issm/VideoActivity.java
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/AndroidManifest.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/about.html M /issm/trunk-jpl/src/mobile/android/ISSM_APP/bin
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/project.properties A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/aboutpage.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/teampage.xml M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/values/strings.xml A /issm/trunk-jpl/src/mobile/android/ISSM_APP
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/MenuPage.java
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/MyWebViewClient.java
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/TeamActivity.java
Export determination: 6.
Rationale: updated team page to load issm/about/ web page in webview inside
issm app. updated about page to load a local html about page in new webview.
updated app to prompt for confirm on exit using back button.

Change #233 with diff file ISSM-14548-14549.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/IdToName.py A /issm/trunk-jpl/test/NightlyRun/test330.py
Export determination: 6.
Rationale: NEW: added gia python test

Change #234 with diff file ISSM-14549-14550.diff:
Function name:
M /issm/trunk-jpl/src/c/solutions/AnalysisConfiguration.cpp

Export determination: 6.
Rationale: CHG: commented out GIA analysis for now

Change #235 with diff file ISSM-14550-14551.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/IdToName.py
Export determination: 6.
Rationale: BUG: fixed invalid syntax

Change #236 with diff file ISSM-14551-14552.diff:
Function name:
M /issm/trunk-jpl/src/c/shared/Exp/exp.h
Export determination: 6.
Rationale: CHG: added checks on fscanf, to avoid compiler complaints

Change #237 with diff file ISSM-14552-14553.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test331.m M /issm/trunk-jpl/test/NightlyRun/test331.py
Export determination: 6.
Rationale: CHG: minor typo

Change #238 with diff file ISSM-14553-14554.diff:
Function name:
M /issm/trunk-jpl/src/c/solutions/hydrology_core.cpp
Export determination: 6.
Rationale: BUG: missing step, all the results were in step=1

Change #239 with diff file ISSM-14554-14555.diff:
Function name:
M /issm/trunk-jpl/test/Archives/Archive331.nc
Export determination: 6.
Rationale: CHG: updated new archive

Change #240 with diff file ISSM-14555-14556.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Materials/Matpar.cpp M /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateParameters.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/StringToEnumx/StringToEnumx.cpp D /issm/trunk-jpl/src/m/classes/hydrology.m D /issm/trunk-jpl/src/m/classes/hydrology.py A /issm/trunk-jpl/src/m/classes/hydrologyshreve.m (from /issm/trunk-jpl/src/m/classes/hydrology.m:14550) A /issm/trunk-jpl/src/m/classes/hydrologyshreve.py (from /issm/trunk-jpl/src/m/classes/hydrology.py:14550) M /issm/trunk-jpl/src/m/classes/model/model.m M /issm/trunk-jpl/src/m/classes/model/model.py

Export determination: 6.

Rationale: CHG: moved hydrology to hydrologyshreve, we are going to have more hydrological models coming

Change #241 with diff file ISSM-14556-14557.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/model/model.py

Export determination: 6.

Rationale: CHG: hydrology is now hydrologyshreve

Change #242 with diff file ISSM-14557-14558.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test331.m M /issm/trunk-jpl/test/NightlyRun/test331.py

Export determination: 6.

Rationale: BUG: fixed python test331

Change #243 with diff file ISSM-14558-14559.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/model/model.m M /issm/trunk-jpl/src/m/classes/model/model.py M /issm/trunk-jpl/src/m/classes/solver.m M /issm/trunk-jpl/src/m/classes/solver.py M /issm/trunk-jpl/src/m/classes/verbose.m M /issm/trunk-jpl/src/m/classes/verbose.py

Export determination: 6.

Rationale: CHG: moved default parameter settings to class

Change #244 with diff file ISSM-14559-14560.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/model/model.m

Export determination: 6.

Rationale: CHG: update md.diagnostic.loadingforce if NaN

Change #245 with diff file ISSM-14560-14561.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/antarctica.bin

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/greenland.bin

Export determination: 6.

Rationale: CHG: up to date files

Change #246 with diff file ISSM-14561-14562.diff:

Function name:

M /issm/trunk-jpl/externalpackages/vim/addons/vim/syntax/c.vim

Export determination: 6.

Rationale: CHG: updated syntax highlighting

Change #247 with diff file ISSM-14562-14563.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/objects/Materials/Matpar.cpp

M /issm/trunk-jpl/src/c/classes/objects/Materials/Matpar.h M /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Hydrology/CreateConstraintsHydrology.cpp A /issm/trunk-jpl/src/c/modules/ModelProcessorx/Hydrology/CreateParametersHydrology.cpp

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Hydrology/UpdateElementsHydrology.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/ModelProcessorx.cpp

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/ModelProcessorx.h M /issm/trunk-jpl/src/c/modules/StringToEnumx/S

M /issm/trunk-jpl/src/c/solutions/hydrology_core.cpp A /issm/trunk-jpl/src/m/classes/hydrologydc.m

M /issm/trunk-jpl/src/m/classes/hydrologyshreve.m M /issm/trunk-jpl/src/m/classes/hydrologyshreve.py

M /issm/trunk-jpl/src/m/classes/initialization.m M /issm/trunk-jpl/src/m/classes/initialization.py

M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/HydrologyEnum.m

A /issm/trunk-jpl/src/m/enum/HydrologydcEnum.m A /issm/trunk-jpl/src/m/enum/HydrologydcSedimentp

A /issm/trunk-jpl/src/m/enum/HydrologydcSpcedimentheadEnum.m A /issm/trunk-jpl/src/m/enum/HydrologyshreveC

A /issm/trunk-jpl/src/m/enum/HydrologyshreveCEnum.m A /issm/trunk-jpl/src/m/enum/HydrologyshreveEnum.m

A /issm/trunk-jpl/src/m/enum/HydrologyshreveKnEnum.m A /issm/trunk-jpl/src/m/enum/Hydrologyshreve

A /issm/trunk-jpl/src/m/enum/HydrologyshrevePEnum.m A /issm/trunk-jpl/src/m/enum/HydrologyshreveQEnum.m
A /issm/trunk-jpl/src/m/enum/HydrologyshreveSpewatercolumnEnum.m A /issm/trunk-jpl/src/m/enum/HydrologyshreveStabilizationEnum.m M /issm/trunk-jpl/src/m/enum/MaximumNumberOfIterationsEnum.m
A /issm/trunk-jpl/src/m/enum/SedimentheadEnum.m
Export determination: 6.
Rationale: NEW: LeBrocq's model is now hydrologyshreve, and added template for Basile's model

Change #248 with diff file ISSM-14563-14564.diff:

Function name:

A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/ic_action_info.png
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/ic_action_photo.png
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/gallery.xml M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/DisplayNextView.java
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/GalleryImage.java
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/MenuPage.java
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/SwapViews.java
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/VideoActivity.java

Export determination: 6.

Rationale: CHNG: simple layout of gallery for description of images

Change #249 with diff file ISSM-14564-14565.diff:

Function name:

A /issm/trunk-jpl/src/mobile/graphics/gallery/1/dragcoefficient_small.png A /issm/trunk-jpl/src/mobile/graphics/gallery/1/greenlandtransient_small.png A /issm/trunk-jpl/src/mobile/graphics/gallery/1/groundingline_small.png A /issm/trunk-jpl/src/mobile/graphics/gallery/1/scalability_small.png A /issm/trunk-jpl/src/mobile/graphics/gallery/1/vel_small.png A /issm/trunk-jpl/src/mobile/graphics/gallery/2/hist_small.png A /issm/trunk-jpl/src/mobile/graphics/gallery/2/localreliabilitymulti_small.png A /issm/trunk-jpl/src/mobile/graphics/gallery/2/partition1_small.png A /issm/trunk-jpl/src/mobile/graphics/gallery/2/pigcontours_small.png A /issm/trunk-jpl/src/mobile/graphics/gallery/2/pigscaling_small.png A /issm/trunk-jpl/src/mobile/graphics/gallery/3/pighist2_small.png A /issm/trunk-jpl/src/mobile/graphics/gallery/3/pighist3_small.png A /issm/trunk-jpl/src/mobile/graphics/gallery/3/pigmasshist_small.png A /issm/trunk-jpl/src/mobile/graphics/gallery/3/pigpdf_small.png A /issm/trunk-jpl/src/mobile/graphics/gallery/3/pigresult_small.png A /issm/trunk-jpl/src/mobile/graphics/gallery/3/pigscattercorrelation_small.png

Export determination: 6.

Rationale: added all the edited images for gallery

Change #250 with diff file ISSM-14565-14566.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive331.nc M /issm/trunk-jpl/test/NightlyRun/test331.m

M /issm/trunk-jpl/test/NightlyRun/test331.py

Export determination: 6.

Rationale: CHG: updated test331 archives

Change #251 with diff file ISSM-14566-14567.diff:

Function name:

A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image1.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image10.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image11.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image12.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image13.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image14.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image15.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image2.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image3.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image4.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image5.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image6.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image7.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image8.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image9.png D /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-hdpi/issmlogo.jpg D /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-hdpi/natureimage1.jpg D /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-hdpi/natureimage2.jpg D /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-hdpi/natureimage3.jpg D /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-hdpi/natureimage4.jpg D /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/antarctica.png D /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/greenland.png D /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/intro.png D /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/logo.old.png D /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/video.png D /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable-mdpi/visitus.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/GalleryImage.java

Export determination: 6.

Rationale: ADD: new set of image for gallery

Change #252 with diff file ISSM-14567-14568.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/antarctica.bin

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/antarctica.petsc

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/greenland.bin

Export determination: 6.

Rationale: CHG: updated files, Antarctica finally

Change #253 with diff file ISSM-14568-14569.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive331.nc

Export determination: 6.

Rationale: CHG: update archive

Change #254 with diff file ISSM-14569-14570.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/IoModel.cpp M /issm/trunk-jpl/src/c/classes/IoModel.h

Export determination: 6.

Rationale: Cosmetics

Change #255 with diff file ISSM-14570-14571.diff:

Function name:

M /issm/trunk-jpl/src/c/Container/DataSet.cpp M /issm/trunk-jpl/src/c/Container/DataSet.h

Export determination: 6.

Rationale: CHG: removed SetSort unused function

Change #256 with diff file ISSM-14571-14572.diff:

Function name:

D /issm/trunk-jpl/externalpackages/cppcheck/README

Export determination: 6.

Rationale: CHG: README not needed here

Change #257 with diff file ISSM-14572-14573.diff:

Function name:
M /issm/trunk-jpl/src/c/classes/IoModel.h
Export determination: 6.
Rationale: CHG: minor

Change #258 with diff file ISSM-14573-14574.diff:

Function name:
M /issm/trunk-jpl/configure.ac M /issm/trunk-jpl/externalpackages/matlab/install.sh
M /issm/trunk-jpl/externalpackages/vim/addons/vimrc M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h
M /issm/trunk-jpl/src/c/classes/objects/Materials/Matpar.cpp M /issm/trunk-jpl/src/c/classes/objects/Materials/Matpar.h M /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Hydrology/CreateConstraintsHydrology.cpp
M /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp M /issm/trunk-jpl/src/c/solutions/hydrology_core.cpp M /issm/trunk-jpl/src/m/classes/hydrologydc.m
M /issm/trunk-jpl/src/m/classes/initialization.m M /issm/trunk-jpl/src/m/classes/initialization.py
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/HydrologydcSedimentCompactionEnum.m
A /issm/trunk-jpl/src/m/enum/HydrologydcSedimentThicknessEnum.m A /issm/trunk-jpl/src/m/enum/HydrologydcSedimentTransmitivityEnum.m D /issm/trunk-jpl/src/m/enum/HydrologydcSedimentTransmitivityEnum.m
D /issm/trunk-jpl/src/m/enum/HydrologydcSpcedimentheadEnum.m A /issm/trunk-jpl/src/m/enum/HydrologydcWaterCompressibilityEnum.m A /issm/trunk-jpl/src/m/enum/HydrologydcWaterCompressibilityEnum.m
M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m A /issm/trunk-jpl/src/m/enum/WaterpressureEnum.m
Export determination: 6.
Rationale: NEW: definition of the hydrological inputs

Change #259 with diff file ISSM-14574-14575.diff:

Function name:
M /issm/trunk-jpl/externalpackages/matlab/install.sh
Export determination: 6.
Rationale: CHG: back to normal

Change #260 with diff file ISSM-14575-14576.diff:

Function name:
A /issm/trunk-jpl/externalpackages/cppcheck/install-dev.sh
Export determination: 6.
Rationale: NEW: added development version installation

Change #261 with diff file ISSM-14576-14577.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/IoModel.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.cpp

Export determination: 6.

Rationale: CHG: cppcheck changes

Change #262 with diff file ISSM-14577-14578.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-

jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/

M /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp M /issm/trunk-

jpl/src/c/solutions/hydrology_core.cpp M /issm/trunk-jpl/src/m/classes/initialization.m

M /issm/trunk-jpl/src/m/classes/initialization.py M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py

D /issm/trunk-jpl/src/m/enum/HydrologyCEnum.m D /issm/trunk-jpl/src/m/enum/HydrologyKnEnum.m

D /issm/trunk-jpl/src/m/enum/HydrologyNEnum.m D /issm/trunk-jpl/src/m/enum/HydrologyPEnum.m

D /issm/trunk-jpl/src/m/enum/HydrologyQEnum.m D /issm/trunk-jpl/src/m/enum/HydrologySpewatercolu

D /issm/trunk-jpl/src/m/enum/HydrologyStabilizationEnum.m A /issm/trunk-

jpl/src/m/enum/HydrologydcSedimentPorosityEnum.m A /issm/trunk-jpl/src/m/enum/HydrologydcSpcedin

M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m D /issm/trunk-

jpl/src/m/enum/SedimentheadEnum.m D /issm/trunk-jpl/src/m/enum/WaterpressureEnum.m

Export determination: 6.

Rationale: BUG: fixing typo for Hydrological enums

Change #263 with diff file ISSM-14578-14579.diff:

Function name:

A /issm/trunk-jpl/scripts/cppcheck.sh

Export determination: 6.

Rationale: NEW: added cppcheck script

Change #264 with diff file ISSM-14579-14580.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/hydrologydc.m

Export determination: 6.

Rationale: BUG; Typos in hydrologydc

Change #265 with diff file ISSM-14580-14581.diff:

Function name:

M /issm/trunk-jpl/src/m/morphological/aggregation.m A /issm/trunk-jpl/src/m/morphological/nunataks.m

M /issm/trunk-jpl/src/m/morphological/vectorialize.m

Export determination: 6.

Rationale: CHG: some mods on morphological routines

Change #266 with diff file ISSM-14581-14582.diff:

Function name:

A /issm/trunk-jpl/externalpackages/netcdf-cxx A /issm/trunk-jpl/externalpackages/netcdf-cxx/install.sh

Export determination: 6.

Rationale: NEW: added netcdf-cxx NetCDF/C++ interface

Change #267 with diff file ISSM-14582-14583.diff:

Function name:

M /issm/trunk-jpl/etc/environment.sh

Export determination: 6.

Rationale: NEW added netcdf-cxx interface

Change #268 with diff file ISSM-14583-14584.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/ExpSimplify/ExpSimplify.cpp

Export determination: 6.

Rationale: BUG: minimumvertices must be passed as a double

Change #269 with diff file ISSM-14584-14585.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h A /issm/trunk-jpl/src/m/enum/SedimentHeadEnum.m

Export determination: 6.

Rationale: CHG: fixing desynchronized enum defintions

Change #270 with diff file ISSM-14585-14586.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/ModelProcessorx.cpp

Export determination: 6.

Rationale: CHG: added some verbose

Change #271 with diff file ISSM-14586-14587.diff:

Function name:

A /issm/trunk-jpl/test/NightlyRun/tmp332.m

Export determination: 6.

Rationale: NEW; Preliminary test for DC Hydro

Change #272 with diff file ISSM-14587-14588.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/greenplanet.m M /issm/trunk-jpl/src/m/classes/hydrologydc.m

Export determination: 6.

Rationale: CHG: Fixing indentation

Change #273 with diff file ISSM-14588-14589.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateDataSets.cpp M /issm/trunk-

jpl/src/c/modules/ModelProcessorx/DistributeNumDofs.cpp A /issm/trunk-jpl/src/c/modules/ModelProcess

A /issm/trunk-jpl/src/c/modules/ModelProcessorx/Gia/CMakeLists.txt A /issm/trunk-

jpl/src/c/modules/ModelProcessorx/Gia/CreateConstraintsGia.cpp A /issm/trunk-

jpl/src/c/modules/ModelProcessorx/Gia/CreateLoadsGia.cpp A /issm/trunk-

jpl/src/c/modules/ModelProcessorx/Gia/CreateNodesGia.cpp A /issm/trunk-

jpl/src/c/modules/ModelProcessorx/Gia/UpdateElementsGia.cpp M /issm/trunk-

jpl/src/c/modules/ModelProcessorx/ModelProcessorx.h M /issm/trunk-jpl/src/c/solutions/gia_core.cpp

A /issm/trunk-jpl/test/Archives/Archive330.nc M /issm/trunk-jpl/test/NightlyRun/test330.m

Export determination: 6.

Rationale: CHG: initial gia solution, returning 0 deflection vector

Change #274 with diff file ISSM-14589-14590.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/FemModel.cpp M /issm/trunk-jpl/src/c/classes/FemModel.h
M /issm/trunk-jpl/src/c/classes/objects/Elements/Element.h M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.h
M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.h
M /issm/trunk-jpl/src/c/solutions/gia_core.cpp M /issm/trunk-jpl/test/NightlyRun/test330.m
Export determination: 6.
Rationale: CHG: implemented an empty kernel for the gia solution

Change #275 with diff file ISSM-14590-14591.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test330.m M /issm/trunk-jpl/test/NightlyRun/test330.py

Export determination: 6.

Rationale: CHG: updated test330 python script

Change #276 with diff file ISSM-14591-14592.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.h
M /issm/trunk-jpl/src/c/classes/objects/Elements/TriaRef.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/TriaRef.h M /issm/trunk-jpl/src/c/solutions/hydrology_core.cpp

Export determination: 6.

Rationale: NEW: added sediment hydrology (temporary simplified version)

Change #277 with diff file ISSM-14592-14593.diff:

Function name:

M /issm/trunk-jpl/src/m/solve/process_solve_options.py

Export determination: 6.

Rationale: CHG: added support for Gia in python

Change #278 with diff file ISSM-14593-14594.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test330.m M /issm/trunk-jpl/test/NightlyRun/test330.py

Export determination: 6.

Rationale: CHG: synchronized m and py tests

Change #279 with diff file ISSM-14594-14595.diff:
Function name:
M /issm/trunk-jpl/src/m/consistency/ismodelselfconsistent.py
Export determination: 6.
Rationale: NEW: added GiaSolution support

Change #280 with diff file ISSM-14595-14596.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test330.py
Export determination: 6.
Rationale: BUG: test330.py should not be 3d

Change #281 with diff file ISSM-14596-14597.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/runme.m M /issm/trunk-jpl/test/NightlyRun/runme.py
Export determination: 6.
Rationale: CHG: do not output md for consistency between m and py

Change #282 with diff file ISSM-14597-14598.diff:
Function name:
M /issm/trunk-jpl/src/m/morphological/aggregation.m M /issm/trunk-jpl/src/m/morphological/nunataks.m
Export determination: 6.
Rationale: CHG: Issue in aggregation fixed. nunataks routine to bias morphological operations towards expanding bedrock.

Change #283 with diff file ISSM-14598-14599.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/objects/Params/GenericParam.h
Export determination: 6.
Rationale: BUG: missing include

Change #284 with diff file ISSM-14599-14600.diff:
Function name:

M /issm/trunk-jpl/test/Archives/Archive423.nc M /issm/trunk-jpl/test/NightlyRun/test423.m
Export determination: 6.
Rationale: NEW: added subelement migration in GL test

Change #285 with diff file ISSM-14600-14601.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test423.py
Export determination: 6.
Rationale: NEW: forgot to change python test for Grounding line

Change #286 with diff file ISSM-14601-14602.diff:
Function name:
D /issm/trunk-jpl/src/m/string/issmprintf.m
Export determination: 6.
Rationale: DEL: not needed anymore

Change #287 with diff file ISSM-14602-14603.diff:
Function name:
A /issm/trunk-jpl/externalpackages/mpich A /issm/trunk-jpl/externalpackages/mpich/install-3.0.3-linux64.sh
Export determination: 6.
Rationale: NEW: added mpich3 support (WARNING: mpich2 has been re-named mpich)

Change #288 with diff file ISSM-14603-14604.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/model/model.m
Export determination: 6.
Rationale: NEW: first prototype of netcdf file from md (To be improved)

Change #289 with diff file ISSM-14604-14605.diff:
Function name:
A /issm/trunk-jpl/test/Archives/Archive433.nc M /issm/trunk-jpl/test/NightlyRun/IdToName.m

M /issm/trunk-jpl/test/NightlyRun/IdToName.py A /issm/trunk-jpl/test/NightlyRun/test433.m
A /issm/trunk-jpl/test/NightlyRun/test433.py
Export determination: 6.
Rationale: NEW: added subelement migration test in 3d

Change #290 with diff file ISSM-14605-14606.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.h M /issm/trunk-jpl/src/m/classes/groundingline.m
M /issm/trunk-jpl/src/m/classes/groundingline.py

Export determination: 6.

Rationale: NEW: added subelement migration implementation in 3d

Change #291 with diff file ISSM-14606-14607.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/FemModel.cpp

Export determination: 6.

Rationale: CHG: better comment

Change #292 with diff file ISSM-14607-14608.diff:

Function name:

M /issm/trunk-jpl/scripts/issmconfiguration.sh

Export determination: 6.

Rationale: CHG: adapted issmconfiguration.sh to include JPL_SVN/usr/USERS/configs directory

Change #293 with diff file ISSM-14608-14609.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/VideoActivity.java

Export determination: 6.

Rationale: Updated link to video to point to higher resolution file.

Change #294 with diff file ISSM-14609-14610.diff:

Function name:
M /issm/trunk-jpl/src/m/classes/model/model.m
Export determination: 6.
Rationale: NEW: second prototype of netcdf file from md (much faster)

Change #295 with diff file ISSM-14610-14611.diff:

Function name:
M /issm/trunk-jpl/src/m/solvers/asmoptions.m M /issm/trunk-jpl/src/m/solvers/asmoptions.py
M /issm/trunk-jpl/src/m/solvers/iluasmoptions.m M /issm/trunk-jpl/src/m/solvers/iluasmoptions.py
M /issm/trunk-jpl/src/m/solvers/jacobiasmoptions.m M /issm/trunk-jpl/src/m/solvers/jacobiasmoptions.py
M /issm/trunk-jpl/src/m/solvers/jacobicgoptions.m M /issm/trunk-jpl/src/m/solvers/jacobicgoptions.py
M /issm/trunk-jpl/src/m/solvers/matlaboptions.m M /issm/trunk-jpl/src/m/solvers/matlaboptions.py
M /issm/trunk-jpl/src/m/solvers/mumpsoptions.m M /issm/trunk-jpl/src/m/solvers/mumpsoptions.py
M /issm/trunk-jpl/src/m/solvers/soroptions.m M /issm/trunk-jpl/src/m/solvers/soroptions.py
M /issm/trunk-jpl/src/m/solvers/stokesoptions.m M /issm/trunk-jpl/src/m/solvers/stokesoptions.py
Export determination: 6.
Rationale: CHG: adding toolkit type

Change #296 with diff file ISSM-14611-14612.diff:

Function name:
M /issm/trunk-jpl/src/m/classes/model/model.m A /issm/trunk-jpl/src/m/io/structtonc.m
Export determination: 6.
Rationale: CHG: netcdf(md) now writes results too

Change #297 with diff file ISSM-14612-14613.diff:

Function name:
M /issm/trunk-jpl/src/m/classes/model/model.m
Export determination: 6.
Rationale: CHG: minor, output counter as well in netcdf(md)

Change #298 with diff file ISSM-14613-14614.diff:

Function name:
M /issm/trunk-jpl/src/m/io/structtonc.m
Export determination: 6.
Rationale: NEW: added support for structure of size j,1

Change #299 with diff file ISSM-14614-14615.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test331.m M /issm/trunk-jpl/test/NightlyRun/test331.py

Export determination: 6.

Rationale: CHG: relaxed tolerance on Vy

Change #300 with diff file ISSM-14615-14616.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/antarctica.bin

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/antarctica.petsc

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/greenland.bin M

/issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/greenland.petsc

Export determination: 6.

Rationale: CHG: updated assets

Change #301 with diff file ISSM-14616-14617.diff:

Function name:

D /issm/trunk-jpl/scripts/run.sh D /issm/trunk-jpl/scripts/waitonlock.sh

Export determination: 6.

Rationale: DEL: removed unused scripts

Change #302 with diff file ISSM-14617-14618.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/IoModel.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp

M /issm/trunk-jpl/src/c/classes/objects/IndependentObject.cpp

Export determination: 6.

Rationale: CHG: vector_layout is rarely needed

Change #303 with diff file ISSM-14618-14619.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/hydrologyshreve.m M /issm/trunk-jpl/src/m/classes/model/model.m

A /issm/trunk-jpl/src/m/classes/oldclasses/hydrology.m

Export determination: 6.
Rationale: CHG: added oldclasses/hydrology.m to recover hydrology objects from previous versions

Change #304 with diff file ISSM-14619-14620.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/mesh.m M /issm/trunk-jpl/src/m/classes/model/model.m
Export determination: 6.
Rationale: CHG: moved some of model/loadobj to their classes

Change #305 with diff file ISSM-14620-14621.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/model/model.m
Export determination: 6.
Rationale: CHG: fixed pressureload bug

Change #306 with diff file ISSM-14621-14622.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/model/model.m M /issm/trunk-jpl/src/m/classes/model/model.py
D /issm/trunk-jpl/src/m/classes/solver.m D /issm/trunk-jpl/src/m/classes/solver.py
A /issm/trunk-jpl/src/m/classes/toolkits.m A /issm/trunk-jpl/src/m/classes/toolkits.py
M /issm/trunk-jpl/src/m/solve/solve.m M /issm/trunk-jpl/src/m/solve/solve.py
Export determination: 6.
Rationale: CHG: renamed solver to toolkits

Change #307 with diff file ISSM-14622-14623.diff:
Function name:
M /issm/trunk-jpl/src/m/solve/loadresultsfromcluster.m M /issm/trunk-jpl/src/m/solve/loadresultsfromcluster.py
M /issm/trunk-jpl/src/m/solve/marshall.m M /issm/trunk-jpl/src/m/solve/marshall.py
M /issm/trunk-jpl/src/m/solve/solve.m M /issm/trunk-jpl/src/m/solve/solve.py
Export determination: 6.
Rationale: CHG: fixed issue with name change from solver to toolkits

Change #308 with diff file ISSM-14623-14624.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/toolkits.m

Export determination: 6.

Rationale: CHG: minor

Change #309 with diff file ISSM-14624-14625.diff:

Function name:

M /issm/trunk-jpl/src/c/solutions/ProcessArguments.cpp M /issm/trunk-jpl/src/c/solutions/kriging.cpp

M /issm/trunk-jpl/src/c/solutions/solutions.h M /issm/trunk-jpl/src/m/solve/solve.m

M /issm/trunk-jpl/src/m/solve/solve.py

Export determination: 6.

Rationale: CHG: updated petsc file name to toolkits file name in issm.exe

Change #310 with diff file ISSM-14625-14626.diff:

Function name:

M /issm/trunk-jpl/src/m/io/structtonc.m

Export determination: 6.

Rationale: NEW: Added object name

Change #311 with diff file ISSM-14626-14627.diff:

Function name:

D /issm/trunk-jpl/src/c/modules/ParsePetscOptionsx A /issm/trunk-jpl/src/c/modules/ParseToolkitsOptionsx
(from /issm/trunk-jpl/src/c/modules/ParsePetscOptionsx:14625) M /issm/trunk-jpl/src/c/modules/ParseToolkitsOptionsx/CMakeLists.txt

Export determination: 6.

Rationale: CHG: moving things around to adapt new naming of petsc options to toolkits options

Change #312 with diff file ISSM-14627-14628.diff:

Function name:

D /issm/trunk-jpl/src/c/modules/ParseToolkitsOptionsx/ParsePetscOptionsx.cpp

D /issm/trunk-jpl/src/c/modules/ParseToolkitsOptionsx/ParsePetscOptionsx.h

A /issm/trunk-jpl/src/c/modules/ParseToolkitsOptionsx/ParseToolkitsOptionsx.cpp

(from /issm/trunk-jpl/src/c/modules/ParseToolkitsOptionsx/ParsePetscOptionsx.cpp:14626)

A /issm/trunk-jpl/src/c/modules/ParseToolkitsOptionsx/ParseToolkitsOptionsx.h
(from /issm/trunk-jpl/src/c/modules/ParseToolkitsOptionsx/ParsePetscOptionsx.h:14626)
Export determination: 6.
Rationale: CHG: moving things around to adapt new naming of petsc options
to toolkits options

Change #313 with diff file ISSM-14628-14629.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/FemModel.cpp

Export determination: 6.

Rationale: CHG: moving things around to adapt new naming of petsc options
to toolkits options

Change #314 with diff file ISSM-14629-14630.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp M /issm/trunk-jpl/src/c/modules/StringToEnumx/S
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py D /issm/trunk-jpl/src/m/enum/PetscOptionsAnalysesEnum.m
D /issm/trunk-jpl/src/m/enum/PetscOptionsStringsEnum.m A /issm/trunk-jpl/src/m/enum/ToolkitsOptionsAnalysesEnum.m A /issm/trunk-jpl/src/m/enum/ToolkitsOptionsStringsEnum.m

Export determination: 6.

Rationale: CHG: updating enums to reflect change from petsc to toolkits options

Change #315 with diff file ISSM-14630-14631.diff:

Function name:

M /issm/trunk-jpl/src/m/io/structtonc.m

Export determination: 6.

Rationale: CHG: added support for cells

Change #316 with diff file ISSM-14631-14632.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/model/model.m

Export determination: 6.

Rationale: CHG: changed preallocation of netcdf variable size

Change #317 with diff file ISSM-14632-14633.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/FemModel.cpp

M /issm/trunk-jpl/src/c/modules/modules.h M /issm/trunk-jpl/src/c/shared/Numerics/OptionsFromAnalysis

D /issm/trunk-jpl/src/c/shared/Numerics/PetscOptionsFromAnalysis.cpp A /issm/trunk-

jpl/src/c/shared/Numerics/ToolkitsOptionsFromAnalysis.cpp (from /issm/trunk-

jpl/src/c/shared/Numerics/PetscOptionsFromAnalysis.cpp:14625) M /issm/trunk-

jpl/src/c/shared/Numerics/numerics.h

Export determination: 6.

Rationale: CHG: moving things around to adapt new naming of petsc options to toolkits options

Change #318 with diff file ISSM-14633-14634.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am A /issm/trunk-jpl/src/c/classes/ToolkitOptions.cpp

A /issm/trunk-jpl/src/c/classes/ToolkitOptions.h M /issm/trunk-jpl/src/c/classes/classes.h

M /issm/trunk-jpl/src/c/include/globals.h M /issm/trunk-jpl/src/c/shared/Numerics/ToolkitsOptionsFromA

M /issm/trunk-jpl/src/c/toolkits/toolkits.h

Export determination: 6.

Rationale: CHG: new ToolkitOptions static class variable, used to drive a lot of the Matrix, Vector and Solver structures, akin to the Petsc Options database.

Change #319 with diff file ISSM-14634-14635.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/Chacox/input_parse.cpp

Export determination: 6.

Rationale: CHG: fixed compiler warnings

Change #320 with diff file ISSM-14635-14636.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/ToolkitOptions.cpp M /issm/trunk-jpl/src/c/classes/ToolkitOptions.h

Export determination: 6.

Rationale: CHG: missing include `<cstring>` and added `const char*` to `TokenValue` to avoid compiler warning

Change #321 with diff file ISSM-14636-14637.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/toolkits.m M /issm/trunk-jpl/src/m/classes/toolkits.py

Export determination: 6.

Rationale: CHG: specification for vertical analysis not needed in the defaults

Change #322 with diff file ISSM-14637-14638.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/toolkits.m

Export determination: 6.

Rationale: CHG: not needed anymore

Change #323 with diff file ISSM-14638-14639.diff:

Function name:

D /issm/trunk-jpl/configs/config-macosx64-larour-ad.sh D /issm/trunk-jpl/configs/config-macosx64-larour-nopetsc.sh D /issm/trunk-jpl/configs/config-macosx64-larour-python.sh

Export determination: 6.

Rationale: CHG: moved config files from larour to personal repository

Change #324 with diff file ISSM-14639-14640.diff:

Function name:

M /issm/trunk-jpl/src/m/io/structtonc.m

Export determination: 6.

Rationale: CHG: better nc file

Change #325 with diff file ISSM-14640-14641.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/autodiff.py M /issm/trunk-jpl/src/m/classes/balancethickness.m
M /issm/trunk-jpl/src/m/classes/balancethickness.py M /issm/trunk-jpl/src/m/classes/bamggeom.py
M /issm/trunk-jpl/src/m/classes/bamgmesh.py M /issm/trunk-jpl/src/m/classes/basalforcings.m
M /issm/trunk-jpl/src/m/classes/basalforcings.py M /issm/trunk-jpl/src/m/classes/constants.m

M /issm/trunk-jpl/src/m/classes/constants.py M /issm/trunk-jpl/src/m/classes/debug.py
M /issm/trunk-jpl/src/m/classes/dependent.py M /issm/trunk-jpl/src/m/classes/diagnostic.m
M /issm/trunk-jpl/src/m/classes/diagnostic.py M /issm/trunk-jpl/src/m/classes/flaim.py
M /issm/trunk-jpl/src/m/classes/flowequation.py M /issm/trunk-jpl/src/m/classes/friction.py
M /issm/trunk-jpl/src/m/classes/geometry.m M /issm/trunk-jpl/src/m/classes/geometry.py
M /issm/trunk-jpl/src/m/classes/groundingline.m M /issm/trunk-jpl/src/m/classes/groundingline.py
M /issm/trunk-jpl/src/m/classes/hydrologydc.m M /issm/trunk-jpl/src/m/classes/hydrologyshreve.m
M /issm/trunk-jpl/src/m/classes/hydrologyshreve.py M /issm/trunk-jpl/src/m/classes/independent.py
M /issm/trunk-jpl/src/m/classes/initialization.m M /issm/trunk-jpl/src/m/classes/initialization.py
M /issm/trunk-jpl/src/m/classes/inversion.m M /issm/trunk-jpl/src/m/classes/inversion.py
M /issm/trunk-jpl/src/m/classes/mask.py M /issm/trunk-jpl/src/m/classes/matdamageice.py
M /issm/trunk-jpl/src/m/classes/matrice.py M /issm/trunk-jpl/src/m/classes/mesh.m
M /issm/trunk-jpl/src/m/classes/mesh.py M /issm/trunk-jpl/src/m/classes/miscellaneous.py
M /issm/trunk-jpl/src/m/classes/organizer.py M /issm/trunk-jpl/src/m/classes/pairoptions.py
M /issm/trunk-jpl/src/m/classes/planetmesh.m M /issm/trunk-jpl/src/m/classes/plotoptions.py
M /issm/trunk-jpl/src/m/classes/private.py M /issm/trunk-jpl/src/m/classes/prognostic.m
M /issm/trunk-jpl/src/m/classes/prognostic.py M /issm/trunk-jpl/src/m/classes/qmu.py
M /issm/trunk-jpl/src/m/classes/radaroverlay.m M /issm/trunk-jpl/src/m/classes/radaroverlay.py
M /issm/trunk-jpl/src/m/classes/results.py M /issm/trunk-jpl/src/m/classes/rifts.py
M /issm/trunk-jpl/src/m/classes/settings.py M /issm/trunk-jpl/src/m/classes/steadystate.py
M /issm/trunk-jpl/src/m/classes/surfaceforcings.m M /issm/trunk-jpl/src/m/classes/surfaceforcings.py
M /issm/trunk-jpl/src/m/classes/taoinversion.m M /issm/trunk-jpl/src/m/classes/thermal.m
M /issm/trunk-jpl/src/m/classes/thermal.py M /issm/trunk-jpl/src/m/classes/timestepping.m
M /issm/trunk-jpl/src/m/classes/timestepping.py M /issm/trunk-jpl/src/m/classes/toolkits.py
M /issm/trunk-jpl/src/m/classes/transient.py M /issm/trunk-jpl/src/m/classes/verbose.py
Export determination: 6.
Rationale: CHG: added units to all fields and homogenized python classes

Change #326 with diff file ISSM-14641-14642.diff:

Function name:

A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image0.png D
/issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image15.png A /issm/trunk-
jpl/src/mobile/android/ISSM_APP/res/raw A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/raw/text.
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/GalleryDescription.java
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/GalleryImage.java
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ISSM.java
Export determination: 6.

Rationale: Description implementation for images

Change #327 with diff file ISSM-14642-14643.diff:

Function name:

M /issm/trunk-jpl/src/mobile/graphics/gallery/1/dragcoefficient_small.png M
/issm/trunk-jpl/src/mobile/graphics/gallery/1/greenlandtransient_small.png M
/issm/trunk-jpl/src/mobile/graphics/gallery/1/groundingline_small.png M /issm/trunk-
jpl/src/mobile/graphics/gallery/1/jksbamg_small.png M /issm/trunk-jpl/src/mobile/graphics/gallery/1/scalab
M /issm/trunk-jpl/src/mobile/graphics/gallery/1/vel_small.png M /issm/trunk-
jpl/src/mobile/graphics/gallery/2/hist_small.png M /issm/trunk-jpl/src/mobile/graphics/gallery/2/localreliab
M /issm/trunk-jpl/src/mobile/graphics/gallery/2/partition1_small.png M /issm/trunk-
jpl/src/mobile/graphics/gallery/2/pigcontours_small.png M /issm/trunk-jpl/src/mobile/graphics/gallery/2/pi
M /issm/trunk-jpl/src/mobile/graphics/gallery/2/scaling_small.png M /issm/trunk-
jpl/src/mobile/graphics/gallery/3/pighist2_small.png M /issm/trunk-jpl/src/mobile/graphics/gallery/3/pighis
M /issm/trunk-jpl/src/mobile/graphics/gallery/3/pigmasshist_small.png M /issm/trunk-
jpl/src/mobile/graphics/gallery/3/pigpdf_small.png M /issm/trunk-jpl/src/mobile/graphics/gallery/3/pigresu
M /issm/trunk-jpl/src/mobile/graphics/gallery/3/pigscattercorrelation_small.png

Export determination: 6.

Rationale: Edited the images in the gallery folder

Change #328 with diff file ISSM-14643-14644.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/initialization.m M /issm/trunk-jpl/src/m/classes/initialization.py

Export determination: 6.

Rationale: CHG: removed basaltemp and surfacetemp, which are duplicates
from temperature

Change #329 with diff file ISSM-14644-14645.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/Chacox/Chacox.cpp

Export determination: 6.

Rationale: CHG: fixed some missing cast

Change #330 with diff file ISSM-14645-14646.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-
jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp M /issm/trunk-jpl/src/c/modules/StringToEnumx/S

Export determination: 6.

Rationale: CHG: removed some unused Enums

Change #331 with diff file ISSM-14646-14647.diff:

Function name:

D /issm/trunk-jpl/src/m/enum/DoubleVecExternalResultEnum.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py D /issm/trunk-jpl/src/m/enum/GroundedPortionEnum.m D /issm/trunk-jpl/src/m/enum/InversionCostFunctionEnum.m M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m D /issm/trunk-jpl/src/m/enum/PetscVecExternalResultEnum.m D /issm/trunk-jpl/src/m/enum/TemperatureBasalEnum.m D /issm/trunk-jpl/src/m/enum/TemperatureSurfaceEnum.m

Export determination: 6.

Rationale: CHG: removed some unused Enums

Change #332 with diff file ISSM-14647-14648.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Options/GenericOption.h

Export determination: 6.

Rationale: CHG: cosmetics

Change #333 with diff file ISSM-14648-14649.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/FemModel.cpp M /issm/trunk-jpl/src/c/classes/FemModel.h M /issm/trunk-jpl/src/c/classes/objects/Elements/Element.h M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.h M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/BooleanInput.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/ControlInput.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/DatasetInput.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/DoubleInput.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/Input.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/IntegerInput.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/PentaP1Input.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/TransientInput.cpp M /issm/trunk-jpl/src/c/classes/objects/Inputs/TransientInput.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/TriaP1Input.h M /issm/trunk-jpl/src/c/classes/objects/Vertex.cpp M /issm/trunk-jpl/src/c/classes/objects/Vertex.h A /issm/trunk-jpl/src/c/modules/VertexCoordinates A /issm/trunk-jpl/src/c/modules/VertexCoordinates.cpp A /issm/trunk-jpl/src/c/modules/VertexCoordinates/VertexCoordinates.h M /issm/trunk-jpl/src/c/modules/modules.h M /issm/trunk-jpl/src/c/solutions/gia_core.cpp

Export determination: 6.

Rationale: CHG: improved gia deflection core

Change #334 with diff file ISSM-14649-14650.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/antarctica.bin
D /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/antarctica.petsc
A /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/antarctica.toolkits
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/greenland.bin D
/issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/greenland.petsc A
/issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/greenland.toolkits

Export determination: 6.

Rationale: CHG: new toolkits files + updates binary files

Change #335 with diff file ISSM-14650-14651.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/FemModel.cpp
M /issm/trunk-jpl/src/c/classes/objects/Elements/Element.h M /issm/trunk-
jpl/src/c/classes/objects/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.h
M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Element
M /issm/trunk-jpl/src/c/classes/objects/Inputs/TransientInput.cpp M /issm/trunk-
jpl/src/c/classes/objects/Inputs/TriaP1Input.cpp M /issm/trunk-jpl/src/c/classes/objects/Inputs/TriaP1Inp
A /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex A /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/C
A /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.cpp
A /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.h M
/issm/trunk-jpl/src/c/modules/ModelProcessorx/Gia/UpdateElementsGia.cpp
M /issm/trunk-jpl/src/c/modules/modules.h M /issm/trunk-jpl/src/c/solutions/gia_core.cpp
M /issm/trunk-jpl/test/Archives/Archive330.nc M /issm/trunk-jpl/test/NightlyRun/test330.m

Export determination: 6.

Rationale: Finished implementation of the solution core and Tria routines. We
now have a module GiaDeflectionCorex which will implement the physics of
PGR for a single disk, loaded using a history of thicknesses, for a certain radial
distance ri.

Change #336 with diff file ISSM-14651-14652.diff:

Function name:

D /issm/trunk-jpl/configs/config-linux64-astrid-ad.sh A /issm/trunk-jpl/configs/config-
linux64-larsen-ad.sh (from /issm/trunk-jpl/configs/config-linux64-astrid-ad.sh:14639)

Export determination: 6.

Rationale: CHG: moving nightly run to larsen

Change #337 with diff file ISSM-14652-14653.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp M /issm/trunk-jpl/src/c/modules/GroundinglineMigrationx/GroundinglineMigrationx.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Transient/UpdateElementsTransient.cpp M /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp M /issm/trunk-jpl/src/c/solutions/transient_core.cpp M /issm/trunk-jpl/src/m/classes/constants.m M /issm/trunk-jpl/src/m/classes/groundingline.m M /issm/trunk-jpl/src/m/classes/groundingline.py M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m A /issm/trunk-jpl/src/m/enum/SubelementMigration2Enum.m

Export determination: 6.

Rationale: NEW: added grounding line with more gauss points

Change #338 with diff file ISSM-14653-14654.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test423.m M /issm/trunk-jpl/test/NightlyRun/test423.py

Export determination: 6.

Rationale: CHG: updated grounding line test for subelement2

Change #339 with diff file ISSM-14654-14655.diff:

Function name:

A /issm/trunk-jpl/scripts/DownloadExternalPackage2.py

Export determination: 6.

Rationale: NEW: added old Download script

Change #340 with diff file ISSM-14655-14656.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-jpl/src/c/classes/objects/Materials/Matpar.cpp M /issm/trunk-jpl/src/c/classes/objects/Materials/Matpar.h M /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp M /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp M /issm/trunk-jpl/src/m/classes/hydrologydc.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py D /issm/trunk-jpl/src/m/enum/HydrologydcWaterDensity.m M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m

Export determination: 6.

Rationale: CHG: removing water density from hydrologydc

Change #341 with diff file ISSM-14656-14657.diff:

Function name:

```
M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/ToolkitOptions.cpp M /issm/trunk-jpl/src/c/classes/ToolkitOptions.h M /issm/trunk-jpl/src/c/classes/matrix/Matrix.h M /issm/trunk-jpl/src/c/classes/matrix/Vector.h M /issm/trunk-jpl/src/c/modules/ContourToMeshx/ContourToMeshx.cpp M /issm/trunk-jpl/src/c/modules/ContourToMeshx/ContourToMeshx.h M /issm/trunk-jpl/src/c/modules/ContourToMeshx/ContourToMeshxt.cpp M /issm/trunk-jpl/src/c/modules/ContourToNodesx/ContourToNodesx.cpp M /issm/trunk-jpl/src/c/modules/ContourToNodesx/ContourToNodesx.h M /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp M /issm/trunk-jpl/src/c/modules/InterpFromGridToMeshx/InterpFromGridToMeshx.cpp M /issm/trunk-jpl/src/c/modules/InterpFromGridToMeshx/InterpFromGridToMeshx.h M /issm/trunk-jpl/src/c/modules/InterpFromMesh2dx/InterpFromMesh2dx.cpp M /issm/trunk-jpl/src/c/modules/InterpFromMesh2dx/InterpFromMesh2dx.h M /issm/trunk-jpl/src/c/modules/InterpFromMesh2dx/InterpFromMesh2dxt.cpp M /issm/trunk-jpl/src/c/modules/InterpFromMeshToMesh3dx/InterpFromMeshToMesh3dx.cpp M /issm/trunk-jpl/src/c/modules/InterpFromMeshToMesh3dx/InterpFromMeshToMesh3dx.h M /issm/trunk-jpl/src/c/modules/PointCloudFindNeighborsx/PointCloudFindNeighborsx.cpp M /issm/trunk-jpl/src/c/modules/PointCloudFindNeighborsx/PointCloudFindNeighborsx.h M /issm/trunk-jpl/src/c/modules/PointCloudFindNeighborsx/PointCloudFindNeighborsxt.cpp M /issm/trunk-jpl/src/c/modules/Solverx/Solverx.cpp M /issm/trunk-jpl/src/c/modules/Solverx/Solverx.h M /issm/trunk-jpl/src/c/modules/Solverx/SolverxSeq.cpp M /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp M /issm/trunk-jpl/src/c/modules/TriMeshx/TriMeshx.cpp M /issm/trunk-jpl/src/c/modules/TriMeshx/TriMeshx.h M /issm/trunk-jpl/src/c/shared/Exp/exp.h A /issm/trunk-jpl/src/c/toolkits/issm/IssmAbsMat.h A /issm/trunk-jpl/src/c/toolkits/issm/IssmAbsVec.h A /issm/trunk-jpl/src/c/toolkits/issm/IssmDenseMat.h A /issm/trunk-jpl/src/c/toolkits/issm/IssmMat.h A /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.h A /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiVec.h A /issm/trunk-jpl/src/c/toolkits/issm/IssmSeqVec.h A /issm/trunk-jpl/src/c/toolkits/issm/IssmToolkitUtils.cpp A /issm/trunk-jpl/src/c/toolkits/issm/IssmToolkit.h A /issm/trunk-jpl/src/c/toolkits/issm/IssmVec.h M /issm/trunk-jpl/src/c/toolkits/issm/issmtoolkit.h A /issm/trunk-jpl/src/m/enum/DenseEnum.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m A /issm/trunk-jpl/src/m/enum/MpiDenseEnum.m A /issm/trunk-jpl/src/m/enum/MpiEnum.m A /issm/trunk-jpl/src/m/enum/SeqEnum.m M /issm/trunk-jpl/src/wrappers/ContourToMesh/ContourToMesh.cpp M /issm/trunk-jpl/src/wrappers/ContourToNodes/ContourToNodes.cpp M /issm/trunk-jpl/src/wrappers/InterpFromGridToMesh/InterpFromGridToMesh.cpp M /issm/trunk-jpl/src/wrappers/InterpFromMesh2d/InterpFromMesh2d.cpp M /issm/trunk-jpl/src/wrappers/InterpFromMeshToMesh3d/InterpFromMeshToMesh3d.cpp M /issm/trunk-jpl/src/wrappers/MeshProfileIntersection/MeshProfileIntersection.cpp M /issm/trunk-jpl/src/wrappers/PointCloudFindNeighbors/PointCloudFindNeighbors.cpp M /issm/trunk-jpl/src/wrappers/TriMesh/TriMesh.cpp M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am A /issm/trunk-jpl/src/wrappers/matlab/io/MatlabMatrixToIssmDenseMat.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/MatlabMatrixToMatrix.cpp A /issm/trunk-jpl/src/wrappers/matlab/io/MatlabVectorToIssmSeqVec.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/MatlabWriteData.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/WriteMatlabData.cpp M /issm/trunk-jpl/src/wrappers/python/io/WritePythonData.cpp M /issm/trunk-jpl/src/wrappers/python/io/pythonio.h
```

Export determination: 6.

Rationale: CHG: implementation of revised ISSM toolkit. We now have the following objects in the ISSM toolkit: IssmMat and IssmVec: these are the wrappers to all our toolkit objects. These are hooked up to the src/c/objects/matrix/Matrix.h and Vector.h objects. We need of course enums that go with them, which map into Petsc constructs, such as MpiDenseEnum, DenseEnum, etc ... The toolkit now implements a MatDense matrix, and a future MatMpiDense matrix, as well as a SeqVec and future MpiVec vector. There is also an abstract class, called IssmAbsMat and IssmAbsVec, from which all our matrix and vector objects, except for IssmMat and IssmVec, derive. Updated all the wrappers and modules to use these new objects. The toolkit options database is derived from the .toolkit file which is read at the beginning of any run. Very similar to what Petsc does with its options database. Created a static class to hold this options database, in src/c/classes/ToolkitOptions.h very similar to our static class holding the IssmComm.

Change #342 with diff file ISSM-14657-14658.diff:

Function name:

M /issm/trunk-jpl/scripts/issmconfiguration.sh

Export determination: 6.

Rationale: CHG: modified the script to handle user defined configuration files. Should help unload a lot of these private configuration files that are not needed in the trunk-jpl

Change #343 with diff file ISSM-14658-14659.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive423.nc

Export determination: 6.

Rationale: CHG: updated archive

Change #344 with diff file ISSM-14659-14660.diff:

Function name:

D /issm/trunk-jpl/src/c/toolkits/issm/SeqMat.h D /issm/trunk-jpl/src/c/toolkits/issm/SeqVec.h

Export determination: 6.

Rationale: CHG: obsolete now

Change #345 with diff file ISSM-14660-14661.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Material

Export determination: 6.

Rationale: CHG: Adding parameters to the HydroDC matrix construction

Change #346 with diff file ISSM-14661-14662.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image0.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image1.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image10.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image11.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image12.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image13.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image14.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image15.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image16.png A /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image17.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image2.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image3.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image4.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image5.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image6.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image7.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image8.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image9.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/backview.xml M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/backview.xml M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/GalleryImage.java

Export determination: 6.

Rationale: Update images for gallery along with better implementation for the gallery description

Change #347 with diff file ISSM-14662-14663.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/ToolkitOptions.cpp

Export determination: 6.

Rationale: BUG: fixed memory leak

Change #348 with diff file ISSM-14663-14664.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp

Export determination: 6.

Rationale: BUG: fixed groundingline migration in 3d, migration_style was not fetched

Change #349 with diff file ISSM-14664-14665.diff:

Function name:

M /issm/trunk-jpl/src/c/solutions/convergence.cpp

Export determination: 6.

Rationale: CHG: verbose beginning of module

Change #350 with diff file ISSM-14665-14666.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/Solverx/Solverx.cpp M /issm/trunk-jpl/src/c/modules/Solverx/SolverxSeq.

Export determination: 6.

Rationale: CHG: verbose beginning of module

Change #351 with diff file ISSM-14666-14667.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/InputUpdateFromConstantx/InputUpdateFromConstantx.cpp

Export determination: 6.

Rationale: CHG: verbose beginning of module

Change #352 with diff file ISSM-14667-14668.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/Makefile

Export determination: 6.

Rationale: CHG: clean target to erase .toolkits files

Change #353 with diff file ISSM-14668-14669.diff:

Function name:
M /issm/trunk-jpl/src/c/classes/matrix/Matrix.h M /issm/trunk-jpl/src/c/classes/matrix/Vector.h
Export determination: 6.
Rationale: CHG: fixing segfault in initialization of duplicate vectors

Change #354 with diff file ISSM-14669-14670.diff:
Function name:
A /issm/trunk-jpl/src/m/solvers/issmsolver.m
Export determination: 6.
Rationale: CHG: new solver that relies on the issm toolkit

Change #355 with diff file ISSM-14670-14671.diff:
Function name:
M /issm/trunk-jpl/src/c/toolkits/issm/IssmVec.h
Export determination: 6.
Rationale: CHG: fixed big segfault in Duplicate method

Change #356 with diff file ISSM-14671-14672.diff:
Function name:
M /issm/trunk-jpl/src/c/toolkits/issm/IssmAbsMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmAbsVec.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmDenseMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMat.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiVec.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmSeqVec.h
Export determination: 6.
Rationale: CHG: fixed huge segfaults in the Duplicate and Copy methods.

Change #357 with diff file ISSM-14672-14673.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/objects/Inputs/TriaP1Input.cpp
Export determination: 6.
Rationale: CHG: compiler warning

Change #358 with diff file ISSM-14673-14674.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/TriMeshx/TriMeshx.cpp M /issm/trunk-jpl/src/c/modules/TriMeshx/TriM
M /issm/trunk-jpl/src/wrappers/TriMesh/TriMesh.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/WriteMat
M /issm/trunk-jpl/src/wrappers/matlab/io/matlabio.h M /issm/trunk-jpl/src/wrappers/python/io/WritePytl
M /issm/trunk-jpl/src/wrappers/python/io/pythonio.h

Export determination: 6.

Rationale: BUG: compiler does not supper IssmSeqVec*int*_i and IssmMatDense*int*_i,
reverted to simple int*

Change #359 with diff file ISSM-14674-14675.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/matrix/Matrix.h M /issm/trunk-jpl/src/c/classes/matrix/Vector.h

Export determination: 6.

Rationale: CHG: cosmetics (removed blank lines)

Change #360 with diff file ISSM-14675-14676.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/matrix/Matrix.h

Export determination: 6.

Rationale: CHG: cosmetics (fixed comment)

Change #361 with diff file ISSM-14676-14677.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/IdToName.py

Export determination: 6.

Rationale: BUG: added test433 name

Change #362 with diff file ISSM-14677-14678.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun

Export determination: 6.

Rationale: CHG: get svn to ignore .toolkits files

Change #363 with diff file ISSM-14678-14679.diff:

Function name:

M /issm/trunk-jpl/src/c/Container/DataSet.h M /issm/trunk-jpl/src/c/Makefile.am

A /issm/trunk-jpl/src/c/classes/objects/Bucket.h M /issm/trunk-jpl/src/c/classes/objects/Options/GenericO

M /issm/trunk-jpl/src/c/classes/objects/objects.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.

Export determination: 6.

Rationale: CHG: took out a dangerous link in the header files between GenericOption and Container.h Added new Bucket object, which is there to collect values during the SetValues operation of a parallel matrix in the ISSM toolkit.

Change #364 with diff file ISSM-14679-14680.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp

Export determination: 6.

Rationale: CHG: putting real parameters in hydro matrix building

Change #365 with diff file ISSM-14680-14681.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Exp/IsInPoly.cpp M /issm/trunk-jpl/src/c/shared/Exp/IsInPolySerial.cpp

M /issm/trunk-jpl/src/c/shared/Exp/exp.h

Export determination: 6.

Rationale: BUG: missing header file

Change #366 with diff file ISSM-14681-14682.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/antarctica.bin

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/greenland.bin

Export determination: 6.

Rationale: CHG: updated inputs of mobile app

Change #367 with diff file ISSM-14682-14683.diff:

Function name:

M /issm/trunk-jpl/src/mobile/native/Main.cpp

Export determination: 6.

Rationale: CHG: need to activate toolkit options database, otherwise, we can't

use matrices and XYZ method segfault

Change #368 with diff file ISSM-14683-14684.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/antarctica.toolkits

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/greenland.bin M

/issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/greenland.toolkits

Export determination: 6.

Rationale: CHG: up to date input files where toolkits used is ISSM, and where we verbose more

Change #369 with diff file ISSM-14684-14685.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/toolkits/issm/IssmMat.h

M /issm/trunk-jpl/src/c/toolkits/issm/IssmVec.h M /issm/trunk-jpl/src/c/toolkits/issm/issmtoolkit.h

Export determination: 6.

Rationale: CHG: shield MPI related issm toolkit matrices and vertices when we are running without MPI available.

Change #370 with diff file ISSM-14685-14686.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Bucket.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmVec.h

M /issm/trunk-jpl/src/c/toolkits/issm/issmtoolkit.h

Export determination: 6.

Rationale: BUG: IssmMpiVec needs forward declaration, + removed all printf in Bucket

Change #371 with diff file ISSM-14686-14687.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/ToolkitOptions.cpp

Export determination: 6.

Rationale: BUG: added assertions to avoid solution crash

Change #372 with diff file ISSM-14687-14688.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/ToolkitOptions.cpp M /issm/trunk-jpl/src/c/modules/GroundinglineMigration

Export determination: 6.

Rationale: BUG: set toolkit to default in GroundinglineMigrationx

Change #373 with diff file ISSM-14688-14689.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-jpl/src/c/classes/ToolkitOptions.cpp M /issm/trunk-jpl/src/c/classes/ToolkitOptions.h

M /issm/trunk-jpl/src/c/classes/objects/Loads/Icefront.cpp M /issm/trunk-jpl/src/c/classes/objects/Loads/

M /issm/trunk-jpl/src/c/classes/objects/Loads/Riftfront.cpp M /issm/trunk-

jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp M /issm/trunk-jpl/src/c/modules/StringToEnumx/S

M /issm/trunk-jpl/src/c/shared/Numerics/OptionsFromAnalysis.cpp M /issm/trunk-

jpl/src/c/toolkits/issm/IssmToolkitUtils.cpp

Export determination: 6.

Rationale: CHG: moved NoneAnalysisEnum to DefaultAnalysisEnum for toolkits, and renamed all TypeEnums

Change #374 with diff file ISSM-14689-14690.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/toolkits.m M /issm/trunk-jpl/src/m/classes/toolkits.py

A /issm/trunk-jpl/src/m/enum/DefaultAnalysisEnum.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py

A /issm/trunk-jpl/src/m/enum/IceFrontTypeEnum.m M /issm/trunk-jpl/src/m/enum/MaximumNumberOf

A /issm/trunk-jpl/src/m/enum/NumericalfluxTypeEnum.m A /issm/trunk-jpl/src/m/enum/RiftfrontTypeEn

D /issm/trunk-jpl/src/m/enum/TypeEnum.m

Export determination: 6.

Rationale: CHG: sync Enums and renamed NoneAnalysis to DefaultAnalysis in md.toolkits

Change #375 with diff file ISSM-14690-14691.diff:

Function name:

M /issm/trunk-jpl/externalpackages/vim/addons/vim/syntax/c.vim

Export determination: 6.

Rationale: CHG: updated Enum highlighting

Change #376 with diff file ISSM-14691-14692.diff:

Function name:

M /issm/trunk-jpl/externalpackages/vim/addons/vim/plugin/file_line.vim

Export determination: 6.

Rationale: CHG: updated file_line.vim

Change #377 with diff file ISSM-14692-14693.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/antarctica.bin

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/antarctica.toolkits

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/greenland.bin M

/issm/trunk-jpl/src/mobile/android/ISSM_APP/assets/Map/greenland.toolkits

Export determination: 6.

Rationale: CHG: updated assets

Change #378 with diff file ISSM-14693-14694.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/MyGLSurfaceView.java

Export determination: 6.

Rationale: FIX: OpenGL problem with Antarctica model

Change #379 with diff file ISSM-14694-14695.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/anim/fade_out.xml M /issm/trunk-

jpl/src/mobile/android/ISSM_APP/res/layout/issmcore.xml M /issm/trunk-jpl/src/mobile/android/ISSM_APP

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/main_issm.xml M

/issm/trunk-jpl/src/mobile/android/ISSM_APP/res/values/strings.xml M /issm/trunk-

jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ISSM.java

Export determination: 6.

Rationale: Updated model page to show appropriate map before model loads.

Shortened fadeout time from 500ms to 2000ms

Change #380 with diff file ISSM-14695-14696.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Element

M /issm/trunk-jpl/src/c/classes/objects/Materials/Matpar.cpp M /issm/trunk-jpl/src/c/classes/objects/Materials/Matpar.h
Export determination: 6.
Rationale: CHG: computing the real hydrologicalDC matrix and adding InputUpdateFormSolution

Change #381 with diff file ISSM-14696-14697.diff:
Function name:
M /issm/trunk-jpl/configs/config-linux64-ad.sh M /issm/trunk-jpl/src/c/classes/matrix/Matrix.h
M /issm/trunk-jpl/src/c/classes/matrix/Vector.h
Export determination: 6.
Rationale: CHG gcc 4.7.1 demands prototypes for strcmp

Change #382 with diff file ISSM-14697-14698.diff:
Function name:
M /issm/trunk-jpl/configs/config-linux64-ad.sh
Export determination: 6.
Rationale: CHG undo accidentally committed change

Change #383 with diff file ISSM-14698-14699.diff:
Function name:
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/issmmapselection.xml
Export determination: 6.
Rationale: Adjusted issMapSelection.xml to look prettier

Change #384 with diff file ISSM-14699-14700.diff:
Function name:
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ISSM.java
Export determination: 6.
Rationale: attempt to eliminate redisplay of white map image in model view when model is rerun.

Change #385 with diff file ISSM-14700-14701.diff:

Function name:
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ISSM.java
Export determination: 6.
Rationale: Second attempt to eliminate redisplay of white map image in model view when model is rerun

Change #386 with diff file ISSM-14701-14702.diff:

Function name:
M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp
Export determination: 6.
Rationale: BUG: missing dt gathering in HydrologyDC

Change #387 with diff file ISSM-14702-14703.diff:

Function name:
M /issm/trunk-jpl/test/NightlyRun/IdToName.m A /issm/trunk-jpl/test/NightlyRun/test332.m
Export determination: 6.
Rationale: NEW: adding hydrologyDC test (332)

Change #388 with diff file ISSM-14703-14704.diff:

Function name:
M /issm/trunk-jpl/src/mobile/android/ISSM_APP/AndroidManifest.xml M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ISSM.java
Export determination: 6.
Rationale: Scale image of greenland to more closely reflect scale of model on model page

Change #389 with diff file ISSM-14704-14705.diff:

Function name:
M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Loads/P
M /issm/trunk-jpl/src/c/modules/ConstraintsStatex/ConstraintsStatex.cpp M
/issm/trunk-jpl/src/c/modules/ModelProcessox/DiagnosticHoriz/CreateLoadsDiagnosticHoriz.cpp
Export determination: 6.
Rationale: CHG: adding protection for certain portions of the code

Change #390 with diff file ISSM-14705-14706.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/FemModel.cpp

Export determination: 6.

Rationale: CHG: adding protection for some portions of the code

Change #391 with diff file ISSM-14706-14707.diff:

Function name:

A /issm/trunk-jpl/src/c/toolkits/mpi/patches/DetermineRowRankFromLocalSize.cpp

A /issm/trunk-jpl/src/c/toolkits/mpi/patches/GetOwnershipBoundariesFromRange.cpp

(from /issm/trunk-jpl/src/c/toolkits/petsc/patches/GetOwnershipBoundariesFromRange.cpp:14686)

M /issm/trunk-jpl/src/c/toolkits/mpi/patches/mpipatches.h

Export determination: 6.

Rationale: CHG: moving code around, from petsc to mpi toolkit.

Change #392 with diff file ISSM-14707-14708.diff:

Function name:

D /issm/trunk-jpl/src/c/toolkits/petsc/patches/GetOwnershipBoundariesFromRange.cpp

Export determination: 6.

Rationale: CHG: moved to petsc

Change #393 with diff file ISSM-14708-14709.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am

Export determination: 6.

Rationale: CHG: moved mpi routines to petsc toolkit

Change #394 with diff file ISSM-14709-14710.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Bucket.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.I

Export determination: 6.

Rationale: CHG: finished Assemble routine using non-synchronous I/O.

Change #395 with diff file ISSM-14710-14711.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/bin/AndroidManifest.xml M
/issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/issmcore.xml M /issm/trunk-
jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ColorBar.java M /issm/trunk-
jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ISSM.java M /issm/trunk-
jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/MyGLSurfaceView.java

Export determination: 6.

Rationale: ADD: color bar

Change #396 with diff file ISSM-14711-14712.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/bin/AndroidManifest.xml M
/issm/trunk-jpl/src/mobile/android/ISSM_APP/res/layout/gallery.xml M /issm/trunk-
jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/GalleryImage.java M
/issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ISSM.java

Export determination: 6.

Rationale: ADD: text field for gallery description

Change #397 with diff file ISSM-14712-14713.diff:

Function name:

M /issm/trunk-jpl/src/mobile/native/Main.cpp

Export determination: 6.

Rationale: CHG: better units

Change #398 with diff file ISSM-14713-14714.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/FemModel.cpp

Export determination: 6.

Rationale: BUG: _HAVE_CONTROL_ -> _HAVE_CONTROL_

Change #399 with diff file ISSM-14714-14715.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am A /issm/trunk-jpl/src/c/modules/EdgeDetectionx
A /issm/trunk-jpl/src/c/modules/EdgeDetectionx/CMakeLists.txt A /issm/trunk-

jpl/src/c/modules/EdgeDetectionx/EdgeDetectionx.cpp A /issm/trunk-jpl/src/c/modules/EdgeDetectionx/E
M /issm/trunk-jpl/src/c/modules/modules.h A /issm/trunk-jpl/src/wrappers/EdgeDetection
A /issm/trunk-jpl/src/wrappers/EdgeDetection/EdgeDetection.cpp A /issm/trunk-
jpl/src/wrappers/EdgeDetection/EdgeDetection.h M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am
M /issm/trunk-jpl/src/wrappers/matlab/io/WriteMatlabData.cpp M /issm/trunk-
jpl/src/wrappers/matlab/io/matlabio.h
Export determination: 6.
Rationale: CHG: new EdgeDetection wrapper

Change #400 with diff file ISSM-14715-14716.diff:
Function name:
M /issm/trunk-jpl/src/wrappers/EdgeDetection/EdgeDetection.h
Export determination: 6.
Rationale: CHG: more headers included

Change #401 with diff file ISSM-14716-14717.diff:
Function name:
M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am
Export determination: 6.
Rationale: BUG: added deps for EdgeDetection

Change #402 with diff file ISSM-14717-14718.diff:
Function name:
M /issm/trunk-jpl/src/wrappers/EdgeDetection/EdgeDetection.cpp
Export determination: 6.
Rationale: CHG: initialize dataset

Change #403 with diff file ISSM-14718-14719.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/EdgeDetectionx/EdgeDetectionx.cpp
Export determination: 6.
Rationale: CHG: assert on contours

Change #404 with diff file ISSM-14719-14720.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/matlab/io/WriteMatlabData.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/matlabio.h

Export determination: 6.

Rationale: CHG: fixed i/o for contours dataset. Thanks Mathieu.

Change #405 with diff file ISSM-14720-14721.diff:

Function name:

M /issm/trunk-jpl/src/c/Container/DataSet.cpp

Export determination: 6.

Rationale: CHG: added check for AddObject

Change #406 with diff file ISSM-14721-14722.diff:

Function name:

A /issm/trunk-jpl/test/Archives/Archive332.nc

Export determination: 6.

Rationale: NEW: added hydrology archive

Change #407 with diff file ISSM-14722-14723.diff:

Function name:

M /issm/trunk-jpl/externalpackages/adolc M /issm/trunk-jpl/externalpackages/blas
M /issm/trunk-jpl/externalpackages/lapack M /issm/trunk-jpl/externalpackages/matplotlib
M /issm/trunk-jpl/externalpackages/scipy M /issm/trunk-jpl/externalpackages/valgrind

Export determination: 6.

Rationale: CHG: getting svn to ignore some files

Change #408 with diff file ISSM-14723-14724.diff:

Function name:

M /issm/trunk-jpl/externalpackages/mpich2/install-1.0.2-altix64.sh M /issm/trunk-jpl/externalpackages/mpich2/install-1.0.2-macosx32.sh M /issm/trunk-jpl/externalpackages/mpich2/install-1.0.2-win32.sh

Export determination: 6.

Rationale: BUG: do not remove so files, this breaks libtool

Change #409 with diff file ISSM-14724-14725.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp M /issm/trunk-jpl/src/c/modules/StringToEnumx/S
M /issm/trunk-jpl/src/c/shared/Numerics/UnitConversion.cpp A /issm/trunk-jpl/src/m/classes/gia.m M /issm/trunk-jpl/src/m/classes/matice.m M /issm/trunk-jpl/src/m/classes/model/model.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py
A /issm/trunk-jpl/src/m/enum/EnumDefinitions.pyc A /issm/trunk-jpl/src/m/enum/GiaLithosphereThicknessEnum.m A /issm/trunk-jpl/src/m/enum/MaterialsLithosphereDensityEnum.m A /issm/trunk-jpl/src/m/enum/MaterialsLithosphereShearModulusEnum.m A /issm/trunk-jpl/src/m/enum/MaterialsMantleShearModulusEnum.m A /issm/trunk-jpl/src/m/enum/MaterialsMantleViscosityEnum.m M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnumValuesEnum.m M /issm/trunk-jpl/test/Par/SquareSheetConstrained.par

Export determination: 6.

Rationale: CHG: introduced all the enums necessary for element inputs to the GiaDeflectionCore. Introduced new fields in materials to include some of the material properties of the mantle and lithosphere. Introduced new class gia in model to control the lithosphere thickness.

Change #410 with diff file ISSM-14725-14726.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test423.py

Export determination: 6.

Rationale: BUG: activated diagnostic in test423

Change #411 with diff file ISSM-14726-14727.diff:

Function name:

D /issm/trunk-jpl/src/m/enum/EnumDefinitions.pyc

Export determination: 6.

Rationale: DEL: removed pyc file

Change #412 with diff file ISSM-14727-14728.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/objects/Bucket.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiVec.h A /issm/trunk-jpl/src/c/toolkits/mpi/patches/DetermineMpiPatches.h
M /issm/trunk-jpl/src/c/toolkits/mpi/patches/mpipatches.h M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am D /issm/trunk-jpl/src/wrappers/matlab/io/MatlabMatrixToIssmDenseMatrix.h
A /issm/trunk-jpl/src/wrappers/matlab/io/MatlabMatrixToIssmMat.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/MatlabMatrixToIssmSparseMatrix.h

jpl/src/wrappers/matlab/io/MatlabMatrixToMatrix.cpp D /issm/trunk-jpl/src/wrappers/matlab/io/MatlabMatrixToMatrix.cpp A /issm/trunk-jpl/src/wrappers/matlab/io/MatlabVectorToIssmVec.cpp D /issm/trunk-jpl/src/wrappers/matlab/io/MatlabVectorToSeqVec.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/MatlabVectorToSeqVec.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/matlabio.h M /issm/trunk-jpl/test/NightlyRun/test101.m
 Export determination: 6.
 Rationale: CHG: fixed matlab wrappers. i/o had to be updated so that MatlabVectorTo... and MatlabMatrixTo... routines were up to date with the new ISSM toolkit.

Change #413 with diff file ISSM-14728-14729.diff:

Function name:

M /issm/trunk-jpl/src/m/solvers/issmsolver.m A /issm/trunk-jpl/src/m/solvers/issmsolver.py

Export determination: 6.

Rationale: NEW: issmsolver.py options CHG: issmsolver.m options, fixed for vec_type.

Change #414 with diff file ISSM-14729-14730.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test3001.m M /issm/trunk-jpl/test/NightlyRun/test3001.py
 M /issm/trunk-jpl/test/NightlyRun/test3002.m M /issm/trunk-jpl/test/NightlyRun/test3002.py
 M /issm/trunk-jpl/test/NightlyRun/test3003.m M /issm/trunk-jpl/test/NightlyRun/test3003.py
 M /issm/trunk-jpl/test/NightlyRun/test3004.m M /issm/trunk-jpl/test/NightlyRun/test3004.py
 M /issm/trunk-jpl/test/NightlyRun/test3005.m M /issm/trunk-jpl/test/NightlyRun/test3005.py
 M /issm/trunk-jpl/test/NightlyRun/test3006.m M /issm/trunk-jpl/test/NightlyRun/test3006.py
 M /issm/trunk-jpl/test/NightlyRun/test3007.m M /issm/trunk-jpl/test/NightlyRun/test3007.py
 M /issm/trunk-jpl/test/NightlyRun/test3008.m M /issm/trunk-jpl/test/NightlyRun/test3008.py
 M /issm/trunk-jpl/test/NightlyRun/test3009.m M /issm/trunk-jpl/test/NightlyRun/test3009.py
 M /issm/trunk-jpl/test/NightlyRun/test3010.m M /issm/trunk-jpl/test/NightlyRun/test3010.py
 M /issm/trunk-jpl/test/NightlyRun/test3015.m M /issm/trunk-jpl/test/NightlyRun/test3019.m
 M /issm/trunk-jpl/test/NightlyRun/test3020.m M /issm/trunk-jpl/test/NightlyRun/test3020.py

Export determination: 6.

Rationale: CHG: updated adolc runs for new issm toolkit

Change #415 with diff file ISSM-14730-14731.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/IdToName.m M /issm/trunk-jpl/test/NightlyRun/IdToName.py

Export determination: 6.

Rationale: CHG: updated IdToName

Change #416 with diff file ISSM-14731-14732.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiVec.h

Export determination: 6.

Rationale: CHG: move capabilities implemented for the IssmMpiVec issm toolkit vector

Change #417 with diff file ISSM-14732-14733.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test101.m

Export determination: 6.

Rationale: CHG: reverting back to previous test101, case of mistaken commit

Change #418 with diff file ISSM-14733-14734.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/IdToName.m M /issm/trunk-jpl/test/NightlyRun/IdToName.py

Export determination: 6.

Rationale: CHG: typo

Change #419 with diff file ISSM-14734-14735.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am A /issm/trunk-jpl/src/c/classes/GiaDeflectionCoreArgs.h

M /issm/trunk-jpl/src/c/classes/classes.h M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp

M /issm/trunk-jpl/src/c/classes/objects/Materials/Matpar.cpp M /issm/trunk-jpl/src/c/classes/objects/Materials/Matpar.h

M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.h M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.cpp

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Gia/UpdateElementsGia.cpp

M /issm/trunk-jpl/src/m/classes/matdamageice.m M /issm/trunk-jpl/test/NightlyRun/test330.m

Export determination: 6.

Rationale: CHG: finished implementation of the GiaDeflectionCoreArgs, which go into GiaDeflectionCorex. Updated Matpar to hold most of the material parameters of the mantle and lithosphere.

Change #420 with diff file ISSM-14735-14736.diff:

Function name:

A /issm/trunk-jpl/externalpackages/petsc/install-3.1-linux64-berg.sh M /issm/trunk-jpl/externalpackages/vim/install.sh M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Materials/Matpar.cpp M /issm/trunk-jpl/src/c/classes/objects/Materials/Matpar.h M /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/ModelProcessox.cpp M /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp M /issm/trunk-jpl/src/c/shared/Elements/PddSurfaceMassBalance.cpp M /issm/trunk-jpl/src/c/shared/Elements/elements.h M /issm/trunk-jpl/src/c/solutions/transient_core.cpp M /issm/trunk-jpl/src/m/classes/clusters/acenet.m M /issm/trunk-jpl/src/m/classes/surfaceforcings.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m

Export determination: 6.

Rationale: CHG: improved PDD adding a couple input parameter for the desertification effect

Change #421 with diff file ISSM-14736-14737.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/surfaceforcings.m

Export determination: 6.

Rationale: CHG: updated display and units

Change #422 with diff file ISSM-14737-14738.diff:

Function name:

A /issm/trunk-jpl/externalpackages/vim/addons/vim/plugin/matchit.vim

Export determination: 6.

Rationale: NEW: added matchit.vim plugin to indent matlab's swicth correctly

Change #423 with diff file ISSM-14738-14739.diff:

Function name:

A /issm/trunk-jpl/externalpackages/math77 A /issm/trunk-jpl/externalpackages/math77/install-macosx64.sh

Export determination: 6.

Rationale: NEW: math77 external package installation, for GIA applications using Erik Ivins's code

Change #424 with diff file ISSM-14739-14740.diff:

Function name:

A /issm/trunk-jpl/configs/config-macosx64-larour-gia.sh M /issm/trunk-jpl/m4/issm_options.m4
M /issm/trunk-jpl/src/c/Makefile.am A /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/distme.f
A /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/freed.f A /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/ojrule.f A /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/pwise.f
A /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/qwise.f A /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/stot.f A /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/what0.f
Export determination: 6.

Rationale: NEW: GiaDeflectionCorex fortran code from Erik Ivins. Hookup in issm_options.m4 to math77 library, and conditional compilation of gia code dependent upon availability of math77 library.

Change #425 with diff file ISSM-14740-14741.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/IdToName.m M /issm/trunk-jpl/test/NightlyRun/IdToName.py
A /issm/trunk-jpl/test/NightlyRun/test2001.m (from /issm/trunk-jpl/test/NightlyRun/test330.m:14737)
A /issm/trunk-jpl/test/NightlyRun/test2001.py (from /issm/trunk-jpl/test/NightlyRun/test330.py:14737)
D /issm/trunk-jpl/test/NightlyRun/test330.m D /issm/trunk-jpl/test/NightlyRun/test330.py

Export determination: 6.

Rationale: CHG: moving test330 out of the NR, onto the 2001 test

Change #426 with diff file ISSM-14741-14742.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.cpp

Export determination: 6.

Rationale: CHG: cosmetics

Change #427 with diff file ISSM-14742-14743.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/surfaceforcings.m

Export determination: 6.

Rationale: CHG: minor cosmetics

Change #428 with diff file ISSM-14743-14744.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Materials/Matpar.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateParameters.cpp

Export determination: 6.

Rationale: BUG: shielded pdd parameters within if(ispdd), because some parameters are not marshalled by default

Change #429 with diff file ISSM-14744-14745.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp M /issm/trunk-jpl/src/c/modules/StringToEnumx/S
M /issm/trunk-jpl/src/m/classes/hydrologydc.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py
A /issm/trunk-jpl/src/m/enum/HydrologydcEplCompressibilityEnum.m A /issm/trunk-jpl/src/m/enum/HydrologydcEplPorosityEnum.m A /issm/trunk-jpl/src/m/enum/HydrologydcEplThicknessE
A /issm/trunk-jpl/src/m/enum/HydrologydcEplTransmitivityEnum.m A /issm/trunk-jpl/src/m/enum/HydrologydcIsefficientlayerEnum.m A /issm/trunk-jpl/src/m/enum/HydrologydcSpceplHead
M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m

Export determination: 6.

Rationale: NEW:adding enums and updating hydrology class for a two layer system

Change #430 with diff file ISSM-14745-14746.diff:

Function name:

A /issm/trunk-jpl/src/m/enum/SurfaceforcingsDesfacEnum.m A /issm/trunk-jpl/src/m/enum/SurfaceforcingsS0pEnum.m

Export determination: 6.

Rationale: BUG: synchronize Enum

Change #431 with diff file ISSM-14746-14747.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/GiaDeflectionCoreArgs.h M /issm/trunk-jpl/src/c/classes/objects/Elements/
M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.cpp
M /issm/trunk-jpl/test/NightlyRun/test2001.m

Export determination: 6.

Rationale: CHG: finished integration of statically allocated blocks distme into GiaDeflectionCorex.

Change #432 with diff file ISSM-14747-14748.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test2001.m

Export determination: 6.

Rationale: CHG: changed resolution

Change #433 with diff file ISSM-14748-14749.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test332.m M /issm/trunk-jpl/test/NightlyRun/tmp332.m

Export determination: 6.

Rationale: CHG: added the one layer flag to hydrology test

Change #434 with diff file ISSM-14749-14750.diff:

Function name:

A /issm/trunk-jpl/test/NightlyRun/tmp101.m

Export determination: 6.

Rationale: CHG: testing 101 and toolkits

Change #435 with diff file ISSM-14750-14751.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Bucket.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.L

M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiVec.h

Export determination: 6.

Rationale: CHG: fixing ISSM toolkit compilation issues

Change #436 with diff file ISSM-14751-14752.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/matdamageice.m M /issm/trunk-jpl/src/m/classes/matdamageice.py

M /issm/trunk-jpl/src/m/classes/matice.m M /issm/trunk-jpl/src/m/classes/matice.py

M /issm/trunk-jpl/src/m/classes/surfaceforcings.py

Export determination: 6.

Rationale: CHG: extended matlab GIA materials to python

Change #437 with diff file ISSM-14752-14753.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.cpp

Export determination: 6.

Rationale: BUG: variable time appears twice

Change #438 with diff file ISSM-14753-14754.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/gia.m M /issm/trunk-jpl/src/m/classes/hydrologydc.m

Export determination: 6.

Rationale: BUG: fixed a test in gia classe

Change #439 with diff file ISSM-14754-14755.diff:

Function name:

M /issm/trunk-jpl/configs/config-linux64-astrid.sh

Export determination: 6.

Rationale: NEW: added GIA by default if installed

Change #440 with diff file ISSM-14755-14756.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/ModelProcessox/Hydrology/CreateConstraintsHydrology.cpp

Export determination: 6.

Rationale: BUG:testing if the second layer exist before fixing its SPC

Change #441 with diff file ISSM-14756-14757.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test332.m

Export determination: 6.

Rationale: CHG: Adding epl head initialisation value

Change #442 with diff file ISSM-14757-14758.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-

jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.h
M /issm/trunk-jpl/src/c/classes/objects/Materials/Matpar.cpp M /issm/trunk-jpl/src/c/classes/objects/Materials/Matpar.h M /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Hydrology/CreateParametersHydrology.cpp
M /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp M /issm/trunk-jpl/src/c/solutions/hydrology_core.cpp M /issm/trunk-jpl/src/m/classes/initialization.m
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/EplHeadEnum.m
M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m
Export determination: 6.
Rationale: CHG: Modification to include a second layer in hydrology DC

Change #443 with diff file ISSM-14758-14759.diff:

Function name:

D /issm/trunk-jpl/externalpackages/math77/install-macosx64.sh A /issm/trunk-jpl/externalpackages/math77/install.sh (from /issm/trunk-jpl/externalpackages/math77/install-macosx64.sh:14757)

Export determination: 6.

Rationale: CHG: installation file is OS independent for now

Change #444 with diff file ISSM-14759-14760.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test332.m

Export determination: 6.

Rationale: CHG: Fixed the 332test to its original state

Change #445 with diff file ISSM-14760-14761.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/initialization.m

Export determination: 6.

Rationale: CHG: Test on the existence of the second layer before initialization of the epl water head

Change #446 with diff file ISSM-14761-14762.diff:

Function name:

M /issm/trunk-jpl/src/c/Container/Elements.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Element

M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.h M /issm/trunk-jpl/src/c/classes/objects/Elements/PentaHook.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/PentaHook.h M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.h M /issm/trunk-jpl/src/c/classes/objects/Elements/TriaHook.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/TriaHook.h M /issm/trunk-jpl/src/c/classes/objects/Loads/Icefront.cpp M /issm/trunk-jpl/src/c/classes/objects/Loads/Icefront.h M /issm/trunk-jpl/src/c/classes/objects/Loads/Numericalflux.cpp M /issm/trunk-jpl/src/c/classes/objects/Loads/Numericalflux.h M /issm/trunk-jpl/src/c/modules/ConfigureObjectsx/ConfigureObjectsx.cpp

Export determination: 6.

Rationale: CHG: elements and loads now have a pointer to vertices, this change is necessary because we are implementing quadratic elements and the number of nodes is not the same as the number of vertices. Vertices coordinates must be retrieved from the vertices, not the nodes

Change #447 with diff file ISSM-14762-14763.diff:

Function name:

A /issm/trunk-jpl/test/Archives/Archive2001.nc

Export determination: 6.

Rationale: NEW: test2001.nc (for gia) is archived

Change #448 with diff file ISSM-14763-14764.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Loads/Icefront.cpp M /issm/trunk-jpl/src/c/classes/objects/Loads/Numericalflux.cpp M /issm/trunk-jpl/src/c/classes/objects/Node.cpp M /issm/trunk-jpl/src/c/classes/objects/Node.h M /issm/trunk-jpl/src/c/classes/objects/Vertex.cpp M /issm/trunk-jpl/src/c/classes/objects/Vertex.h M /issm/trunk-jpl/src/c/shared/Elements/GetVerticesCoordinates.cpp M /issm/trunk-jpl/src/c/shared/Elements/elements.h

Export determination: 6.

Rationale: NEW: GetVerticesCoordinates now relies on vertices rather than nodes (change required for higher order elements)

Change #449 with diff file ISSM-14764-14765.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/surfaceforcings.m M /issm/trunk-jpl/src/m/classes/surfaceforcings.py

Export determination: 6.

Rationale: CHG: updated python surfaceforcings

Change #450 with diff file ISSM-14765-14766.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp

Export determination: 6.

Rationale: BUG: fixing test loop between the two resolution of the hydrological model

Change #451 with diff file ISSM-14766-14767.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test332.m

Export determination: 6.

Rationale: CHG: added the analitic solution in comment of test332

Change #452 with diff file ISSM-14767-14768.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/TriaRef.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/TriaRef.h

Export determination: 6.

Rationale: NEW: added some functions for P2 Finite elements

Change #453 with diff file ISSM-14768-14769.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.cpp

M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/distme.f M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/freed.f M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/ojrule.f

M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/qwise.f M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/stot.f M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/what0.f

Export determination: 6.

Rationale: CHG: we now can evaluate solid Earth's response to steady-state ice geometry. Response to transient geomety to be implemented soon

Change #454 with diff file ISSM-14769-14770.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp
M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.h M /issm/trunk-jpl/src/c/classes/objects/Loads/Pengrid.h M /issm/trunk-jpl/src/c/modules/EnumToStringX.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorX/CreateDataSets.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorX/CreateParameters.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorX/HydrologyDCEfficient A /issm/trunk-jpl/src/c/modules/ModelProcessorX/HydrologyDCInefficient A /issm/trunk-jpl/src/c/modules/ModelProcessorX/HydrologyDCInefficient/CMakeLists.txt
A /issm/trunk-jpl/src/c/modules/ModelProcessorX/HydrologyDCInefficient/CreateConstraintsHydrologyDCInefficient.cpp A /issm/trunk-jpl/src/c/modules/ModelProcessorX/HydrologyDCInefficient/CreateLoadsHydrologyDCInefficient.cpp A /issm/trunk-jpl/src/c/modules/ModelProcessorX/HydrologyDCInefficient/CreateNodesHydrologyDCInefficient.cpp A /issm/trunk-jpl/src/c/modules/ModelProcessorX/HydrologyDCInefficient/CreateParametersHydrologyDCInefficient.cpp A /issm/trunk-jpl/src/c/modules/ModelProcessorX/HydrologyDCInefficient/UpdateElementsHydrologyDCInefficient.cpp
A /issm/trunk-jpl/src/c/modules/ModelProcessorX/HydrologyShreve (from /issm/trunk-jpl/src/c/modules/ModelProcessorX/Hydrology:14767) M /issm/trunk-jpl/src/c/modules/ModelProcessorX/HydrologyShreve/CreateConstraintsHydrologyShreve.cpp A /issm/trunk-jpl/src/c/modules/ModelProcessorX/HydrologyShreve/CreateConstraintsHydrologyShreve.cpp (from /issm/trunk-jpl/src/c/modules/ModelProcessorX/Hydrology/CreateConstraintsHydrology.cpp:14767)
D /issm/trunk-jpl/src/c/modules/ModelProcessorX/HydrologyShreve/CreateLoadsHydrologyShreve.cpp A /issm/trunk-jpl/src/c/modules/ModelProcessorX/HydrologyShreve/CreateLoadsHydrologyShreve.cpp (from /issm/trunk-jpl/src/c/modules/ModelProcessorX/Hydrology/CreateLoadsHydrology.cpp:14767)
D /issm/trunk-jpl/src/c/modules/ModelProcessorX/HydrologyShreve/CreateNodesHydrologyShreve.cpp A /issm/trunk-jpl/src/c/modules/ModelProcessorX/HydrologyShreve/CreateNodesHydrologyShreve.cpp (from /issm/trunk-jpl/src/c/modules/ModelProcessorX/Hydrology/CreateNodesHydrology.cpp:14767)
D /issm/trunk-jpl/src/c/modules/ModelProcessorX/HydrologyShreve/CreateParametersHydrologyShreve.cpp A /issm/trunk-jpl/src/c/modules/ModelProcessorX/HydrologyShreve/CreateParametersHydrologyShreve.cpp (from /issm/trunk-jpl/src/c/modules/ModelProcessorX/Hydrology/CreateParametersHydrology.cpp:14767)
D /issm/trunk-jpl/src/c/modules/ModelProcessorX/HydrologyShreve/UpdateElementsHydrologyShreve.cpp A /issm/trunk-jpl/src/c/modules/ModelProcessorX/HydrologyShreve/UpdateElementsHydrologyShreve.cpp (from /issm/trunk-jpl/src/c/modules/ModelProcessorX/Hydrology/UpdateElementsHydrology.cpp:14767)
M /issm/trunk-jpl/src/c/modules/ModelProcessorX/ModelProcessorX.h M /issm/trunk-jpl/src/c/modules/StringToEnumX/StringToEnumX.cpp M /issm/trunk-jpl/src/c/solutions/AnalysisConfiguration.cpp M /issm/trunk-jpl/src/c/solutions/hydrology_core.cpp A /issm/trunk-jpl/src/c/solvers/solver_hydro_nonlinear.cpp M /issm/trunk-jpl/src/c/solvers/solver_thermal_nonlinear.cpp M /issm/trunk-jpl/src/c/solvers/solvers.h
Export determination: 6.

Rationale: NEW: split HydrologyDC in 2 sub analyses, and added penalties for the sediment layer

Change #455 with diff file ISSM-14770-14771.diff:

Function name:

M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py D /issm/trunk-jpl/src/m/enum/HydrologyAnalysisEnum
A /issm/trunk-jpl/src/m/enum/HydrologyDCEfficientAnalysisEnum.m A /issm/trunk-
jpl/src/m/enum/HydrologyDCInefficientAnalysisEnum.m A /issm/trunk-jpl/src/m/enum/HydrologyEfficientL
A /issm/trunk-jpl/src/m/enum/HydrologyLayerEnum.m A /issm/trunk-jpl/src/m/enum/HydrologySedimentL
A /issm/trunk-jpl/src/m/enum/HydrologySedimentKmaxEnum.m A /issm/trunk-
jpl/src/m/enum/HydrologyShreveAnalysisEnum.m M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnum

Export determination: 6.

Rationale: CHG: sync Enums

Change #456 with diff file ISSM-14771-14772.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/hydrologydc.m M /issm/trunk-jpl/src/m/classes/hydrologyshreve.m
M /issm/trunk-jpl/src/m/classes/hydrologyshreve.py M /issm/trunk-jpl/src/m/classes/initialization.m
M /issm/trunk-jpl/src/m/classes/initialization.py M /issm/trunk-jpl/src/m/consistency/ismodelselfconsistent.
M /issm/trunk-jpl/src/m/consistency/ismodelselfconsistent.py

Export determination: 6.

Rationale: NEW: split HydrologyDC in 2 sub analyses, and removed HydrologyAnalysEnum

Change #457 with diff file ISSM-14772-14773.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test332.m

Export determination: 6.

Rationale: NEW: added penalties in check

Change #458 with diff file ISSM-14773-14774.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/matlab/io/MatlabMatrixToMatrix.cpp

Export determination: 6.

Rationale: BUG: Moved MatlabMatrixToIssmMat to MatlabMatrixToIssmDense-

Mat, which is defined

Change #459 with diff file ISSM-14774-14775.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/matlab/io/MatlabMatrixToIssmMat.cpp

Export determination: 6.

Rationale: CHG: cast to IssmMat

Change #460 with diff file ISSM-14775-14776.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/matlab/io/MatlabMatrixToMatrix.cpp

Export determination: 6.

Rationale: BUG: fixed name consistency between MatlabMatrixToIssmMat and MatlabMatrixToIssmDenseMat

Change #461 with diff file ISSM-14776-14777.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/AverageFilter/AverageFilter.h M /issm/trunk-jpl/src/wrappers/BamgConvertMesh/BamgConvertMesh.h M /issm/trunk-jpl/src/wrappers/BamgMesher/BamgMesher.h M /issm/trunk-jpl/src/wrappers/BamgTriangulate/BamgTriangulate.h M /issm/trunk-jpl/src/wrappers/Chaco/Chaco.h M /issm/trunk-jpl/src/wrappers/ContourToMesh/ContourToMesh.h M /issm/trunk-jpl/src/wrappers/ContourToNodes/ContourToNodes.h M /issm/trunk-jpl/src/wrappers/EdgeDetection/EdgeDetection.h M /issm/trunk-jpl/src/wrappers/ElementConnectivity/ElementConnectivity.h M /issm/trunk-jpl/src/wrappers/EnumToString/EnumToString.h M /issm/trunk-jpl/src/wrappers/Exp2Kml/Exp2Kml.h M /issm/trunk-jpl/src/wrappers/ExpSimplify/ExpSimplify.h M /issm/trunk-jpl/src/wrappers/HoleFiller/HoleFiller.h M /issm/trunk-jpl/src/wrappers/InternalFront/InternalFront.h M /issm/trunk-jpl/src/wrappers/InterpFromGridToMesh/InterpFromGridToMesh.h M /issm/trunk-jpl/src/wrappers/InterpFromMesh2d/InterpFromMesh2d.h M /issm/trunk-jpl/src/wrappers/InterpFromMeshToGrid/InterpFromMeshToGrid.h M /issm/trunk-jpl/src/wrappers/InterpFromMeshToMesh2d/InterpFromMeshToMesh2d.h M /issm/trunk-jpl/src/wrappers/InterpFromMeshToMesh3d/InterpFromMeshToMesh3d.h M /issm/trunk-jpl/src/wrappers/KMLFileRead/KMLFileRead.h M /issm/trunk-jpl/src/wrappers/KMLMeshWrite/KMLMeshWrite.h M /issm/trunk-jpl/src/wrappers/KMLOverlay/KMLOverlay.h M /issm/trunk-jpl/src/wrappers/Kml2Exp/Kml2Exp.h M /issm/trunk-jpl/src/wrappers/Kriging/Kriging.h M /issm/trunk-jpl/src/wrappers/Ll2xy/Ll2xy.h M /issm/trunk-jpl/src/wrappers/MeshPartition/MeshPartition.h M /issm/trunk-jpl/src/wrappers/MeshProfileIntersection/MeshProfileIntersection.h M /issm/trunk-jpl/src/wrappers/NodeConnectivity/NodeConnectivity.h M /issm/trunk-jpl/src/wrappers/PointCloudFindNeighbors/PointCloudFindNeighbors.h M /issm/trunk-

jpl/src/wrappers/PropagateFlagsFromConnectivity/PropagateFlagsFromConnectivity.h
M /issm/trunk-jpl/src/wrappers/Scotch/Scotch.h M /issm/trunk-jpl/src/wrappers/Shp2Exp/Shp2Exp.h
M /issm/trunk-jpl/src/wrappers/Shp2Kml/Shp2Kml.h M /issm/trunk-jpl/src/wrappers/StringToEnum/StringToEnum.h
M /issm/trunk-jpl/src/wrappers/TriMesh/TriMesh.h M /issm/trunk-jpl/src/wrappers/TriMeshProcessRifts/TriMeshProcessRifts.h
M /issm/trunk-jpl/src/wrappers/TriaSearch/TriaSearch.h M /issm/trunk-jpl/src/wrappers/Xy2ll/Xy2ll.h
M /issm/trunk-jpl/src/wrappers/bindings.h
Export determination: 6.
Rationale: CHG: include binding.h first to include Python.h first to avoid compilation warnings (<http://realmike.org/blog/2012/07/08/embedding-python-tutorial-part-1/>)

Change #462 with diff file ISSM-14777-14778.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/VertexCoordinatesx/VertexCoordinatesx.cpp

Export determination: 6.

Rationale: BUG: vx vy and vz need to be assembled

Change #463 with diff file ISSM-14778-14779.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/UpdateElementsHydrologyDCEfficient.cpp

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/UpdateElementsHydrologyDCInefficient.cpp

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyShreve/UpdateElementsHydrologyShreve.cpp

Export determination: 6.

Rationale: BUG: changed position of FetchData to avoid runtime error

Change #464 with diff file ISSM-14779-14780.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/gauss/GaussTria.cpp M /issm/trunk-jpl/src/c/classes/gauss/GaussTria.h

Export determination: 6.

Rationale: NEW: added new constructor for gausstria

Change #465 with diff file ISSM-14780-14781.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/gauss/GaussTria.cpp M /issm/trunk-jpl/src/c/classes/gauss/GaussTria.h

Export determination: 6.

Rationale: CHG: change declarations of new logic to passive or else values should be assigned to the active members of GaussTria rather than the passive ones. Not sure what the inte is here but without this change the AD-enabled compile fails altogether

Change #466 with diff file ISSM-14781-14782.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive332.nc

Export determination: 6.

Rationale: CHG: updated archive hydrologu

Change #467 with diff file ISSM-14782-14783.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Element

Export determination: 6.

Rationale: BUG: InputUpdateFromSolution for GIA has to be different because it uses Vertices SIDs

Change #468 with diff file ISSM-14783-14784.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp

Export determination: 6.

Rationale: CHG: minor

Change #469 with diff file ISSM-14784-14785.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-jpl/src/c/classes/objects/Materials/Matpar.cpp M /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToS
M /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp M /issm/trunk-jpl/src/m/classes/hydrologydc.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py

A /issm/trunk-jpl/src/m/enum/HydrologydcSedimentlimitEnum.m A /issm/trunk-jpl/src/m/enum/HydrologydcSedimentlimitFlagEnum.m M /issm/trunk-jpl/src/m/enum/MaximumNumberO

Export determination: 6.

Rationale: CHG: Change in the marshaling strategy of hydrology dc, introduction of variables needed to apply different sediment upper limit

Change #470 with diff file ISSM-14785-14786.diff:
Function name:
M /issm/trunk-jpl/src/c/solutions/controltao_core.cpp
Export determination: 6.
Rationale: BUG: we now need to read the Toolkit first

Change #471 with diff file ISSM-14786-14787.diff:
Function name:
A /issm/trunk-jpl/configs/config-linux64-astrid-ad.sh
Export determination: 6.
Rationale: NEW: ad config file for linux astrid

Change #472 with diff file ISSM-14787-14788.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/objects/Bucket.h
Export determination: 6.
Rationale: CHG: better tagging of send and recv operations

Change #473 with diff file ISSM-14788-14789.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/Reducevectortofx/Reducevectortofx.cpp
Export determination: 6.
Rationale: CHG: verbose more

Change #474 with diff file ISSM-14789-14790.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/GetSolutionFromInputsx/GetSolutionFromInputsx.cpp
Export determination: 6.
Rationale: CHG: verbose more

Change #475 with diff file ISSM-14790-14791.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Autodiff/CreateParametersAutodiff.cpp

Export determination: 6.

Rationale: CHG: getting rid of a useless include

Change #476 with diff file ISSM-14791-14792.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/CreateNodalConstraintsx/CreateNodalConstraintsx.cpp

Export determination: 6.

Rationale: CHG: verbose more

Change #477 with diff file ISSM-14792-14793.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/classes.h

D /issm/trunk-jpl/src/c/classes/matrix/Matrix.h D /issm/trunk-jpl/src/c/classes/matrix/Vector.h

M /issm/trunk-jpl/src/c/classes/matrix/matrixobjects.h A /issm/trunk-jpl/src/c/classes/toolkits

A /issm/trunk-jpl/src/c/classes/toolkits/Matrix.h (from /issm/trunk-jpl/src/c/classes/matrix/Matrix.h:14782)

A /issm/trunk-jpl/src/c/classes/toolkits/Solver.h A /issm/trunk-jpl/src/c/classes/toolkits/Vector.h

(from /issm/trunk-jpl/src/c/classes/matrix/Vector.h:14782) A /issm/trunk-jpl/src/c/classes/toolkits/toolkitobjects.h

M /issm/trunk-jpl/src/c/modules/Solverx/CMakeLists.txt D /issm/trunk-jpl/src/c/modules/Solverx/DofType.h

M /issm/trunk-jpl/src/c/modules/Solverx/Solverx.cpp M /issm/trunk-jpl/src/c/modules/Solverx/Solverx.h

D /issm/trunk-jpl/src/c/modules/Solverx/SolverxPetsc.cpp D /issm/trunk-jpl/src/c/modules/Solverx/SolverxPetsc.h

M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiVec.h

A /issm/trunk-jpl/src/c/toolkits/issm/IssmSolver.cpp A /issm/trunk-jpl/src/c/toolkits/issm/IssmSolver.h

M /issm/trunk-jpl/src/c/toolkits/issm/issmtoolkit.h A /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscSolver.h

A /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscSolver.h M /issm/trunk-jpl/src/c/toolkits/petsc/objects/petscobjects.h

Export determination: 6.

Rationale: CHG: finished implementation of IssmMpiVec and IssmMpiDenseMat objects. Still need to V&V. CHG: moved the src/c/classes/matrix/Matrix and Vector objects to src/c/classes/toolkits. CHG and NEW: offloaded the solver code to the toolkits. To do so, created a Solver class in the src/c/classes/toolkits, which connects the toolkits to the abstract classes Matrix and Vector.

Change #478 with diff file ISSM-14793-14794.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/Solverx/Solverx.cpp

Export determination: 6.
Rationale: BUG: fixed leak, solver needs to be deleted

Change #479 with diff file ISSM-14794-14795.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/objects/Elements/PentaHook.cpp
Export determination: 6.
Rationale: BUG: PentaHook has 6 vertices

Change #480 with diff file ISSM-14795-14796.diff:
Function name:
M /issm/trunk-jpl/src/c/shared/Sorting/binary_search.cpp
Export determination: 6.
Rationale: CHG: assert

Change #481 with diff file ISSM-14796-14797.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/objects/Elements/Element.h M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.h
M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Element
M /issm/trunk-jpl/src/c/classes/objects/Loads/Pengrid.cpp M /issm/trunk-jpl/src/c/classes/objects/Materia
M /issm/trunk-jpl/src/c/modules/ModelProcessox/HydrologyDCInefficient/CreateParametersHydrologyDCI
Export determination: 6.
Rationale: CHG: Hydrologydc have now several ways of fixing the inefficient
laer upper limit

Change #482 with diff file ISSM-14797-14798.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/toolkits/Solver.h
Export determination: 6.
Rationale: CHG: minor cosmetics

Change #483 with diff file ISSM-14798-14799.diff:

Function name:
M /issm/trunk-jpl/src/c/shared/Sorting/binary_search.cpp
Export determination: 6.
Rationale: CHG: need to include exception.h

Change #484 with diff file ISSM-14799-14800.diff:
Function name:
D /issm/trunk-jpl/src/mobile/android/ISSM_Visual
Export determination: 6.
Rationale: REMOVE: issm_visual is no longer needed

Change #485 with diff file ISSM-14800-14801.diff:
Function name:
M /issm/trunk-jpl/src/m/geometry/slope.m
Export determination: 6.
Rationale: NEW: surface can be an argument of the function

Change #486 with diff file ISSM-14801-14802.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Loads/P
Export determination: 6.
Rationale: CHG: cosmetics

Change #487 with diff file ISSM-14802-14803.diff:
Function name:
M /issm/trunk-jpl/bin
Export determination: 6.
Rationale: CHG: getting svn to ignore some files

Change #488 with diff file ISSM-14803-14804.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.cpp
M /issm/trunk-jpl/test/NightlyRun/runme.m M /issm/trunk-jpl/test/NightlyRun/runme.py

Export determination: 6.
Rationale: CHG: introduced new benchmark name: 'gia'

Change #489 with diff file ISSM-14804-14805.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Loads/P

Export determination: 6.

Rationale: BUG: fixing upper limit definition in hydrologydc

Change #490 with diff file ISSM-14805-14806.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test332.m

Export determination: 6.

Rationale: CHG: modifying test332 to take into account the new definition of upper limit

Change #491 with diff file ISSM-14806-14807.diff:

Function name:

A /issm/trunk-jpl/externalpackages/mpich/install-3.0-linux64.sh (from /issm/trunk-jpl/externalpackages/mpich/install-3.0.3-linux64.sh:14792) D /issm/trunk-jpl/externalpackages/mpich/install-3.0.3-linux64.sh

Export determination: 6.

Rationale: CHG: use mpich 3.0.4 instead of 3.0.3

Change #492 with diff file ISSM-14807-14808.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-jpl/src/c/classes/FemModel.cpp M /issm/trunk-jpl/src/c/classes/FemModel.h M /issm/trunk-jpl/src/c/classes/GiaDeflectionCoreArgs.h M /issm/trunk-jpl/src/c/classes/objects/Elements/ M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.h M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.h M /issm/trunk-jpl/src/c/modules/EnumToStringx/ M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.cpp M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.h M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateParameters.cpp M /issm/trunk-

jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp M /issm/trunk-jpl/src/c/solutions/gia_core.cpp
M /issm/trunk-jpl/src/m/classes/gia.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py
A /issm/trunk-jpl/src/m/enum/GiaCrossSectionShapeEnum.m A /issm/trunk-
jpl/src/m/enum/GiaOutputRatesEnum.m A /issm/trunk-jpl/src/m/enum/GiaWdtEnum.m
M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m

Export determination: 6.

Rationale: CHG: gia_core now return W and dW/dt Added runtime controls for
output_rates and cross_section_shape, which map into irate and iedge in naruse.

Change #493 with diff file ISSM-14808-14809.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateParameters.cpp

Export determination: 6.

Rationale: CHG: set time to start time

Change #494 with diff file ISSM-14809-14810.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Inputs/BoolInput.h M /issm/trunk-
jpl/src/c/classes/objects/Inputs/ControlInput.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/DatasetInput.h
M /issm/trunk-jpl/src/c/classes/objects/Inputs/DoubleInput.h M /issm/trunk-
jpl/src/c/classes/objects/Inputs/Input.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/IntInput.h
M /issm/trunk-jpl/src/c/classes/objects/Inputs/PentaP1Input.h M /issm/trunk-
jpl/src/c/classes/objects/Inputs/TransientInput.cpp M /issm/trunk-jpl/src/c/classes/objects/Inputs/TransientInput.h
M /issm/trunk-jpl/src/c/classes/objects/Inputs/TriaP1Input.cpp M /issm/trunk-
jpl/src/c/classes/objects/Inputs/TriaP1Input.h

Export determination: 6.

Rationale: CHG: new GetInputUpToCurrentTimeAverages method.

Change #495 with diff file ISSM-14810-14811.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp

Export determination: 6.

Rationale: CHG: got rid of current_he, added passing yts constant. Also, now
provides to GiaDeflectionCore the load history up to and including current time.

Change #496 with diff file ISSM-14811-14812.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/geometry.m
Export determination: 6.
Rationale: CHG: allow transient forcings for thickness

Change #497 with diff file ISSM-14812-14813.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/GiaDeflectionCoreArgs.h
Export determination: 6.
Rationale: CHG: took out current_he and added yts arguments.

Change #498 with diff file ISSM-14813-14814.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/gia.m
Export determination: 6.
Rationale: CHG: check consistency of thickness transient forcing

Change #499 with diff file ISSM-14814-14815.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.cpp
Export determination: 6.
Rationale: CHG: starting with dynamic allocation of load history. Need to transfer dynamic memory into the fortran kernels.

Change #500 with diff file ISSM-14815-14816.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test2001.m
Export determination: 6.
Rationale: CHG: implementing transient thickness forcing

Change #501 with diff file ISSM-14816-14817.diff:
Function name:

M /issm/trunk-jpl/test/Archives/Archive332.nc
Export determination: 6.
Rationale: archive hydrology

Change #502 with diff file ISSM-14817-14818.diff:
Function name:
A /issm/trunk-jpl/configs/config-linux64-astrid-gia.sh
Export determination: 6.
Rationale: added a config file for GIA run

Change #503 with diff file ISSM-14818-14819.diff:
Function name:
A /issm/trunk-jpl/test/Archives/Archive2051.nc
Export determination: 6.
Rationale: NEW: test2051 is archived for benchmark experiments

Change #504 with diff file ISSM-14819-14820.diff:
Function name:
M /issm/trunk-jpl/test/Archives/Archive2001.nc
Export determination: 6.
Rationale: CHG: test2001 archive

Change #505 with diff file ISSM-14820-14821.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test2001.m
Export determination: 6.
Rationale: CHG: now we have two solutions, w and dw/dt

Change #506 with diff file ISSM-14821-14822.diff:
Function name:
A /issm/trunk-jpl/test/NightlyRun/test2051.m
Export determination: 6.
Rationale: NEW: new nightly test for Ivins benchmarks

Change #507 with diff file ISSM-14822-14823.diff:

Function name:

M /issm/trunk-jpl/src/c/Container/Vertices.cpp M /issm/trunk-jpl/src/c/classes/FemModel.cpp
M /issm/trunk-jpl/src/c/classes/IssmComm.cpp M /issm/trunk-jpl/src/c/classes/ToolkitOptions.cpp
M /issm/trunk-jpl/src/c/classes/objects/Bucket.h M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.c
M /issm/trunk-jpl/src/c/classes/objects/Elements/PentaHook.cpp M /issm/trunk-
jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Inputs/TransientInput.c
M /issm/trunk-jpl/src/c/classes/objects/Inputs/TriaP1Input.cpp M /issm/trunk-
jpl/src/c/classes/objects/Materials/Matpar.cpp M /issm/trunk-jpl/src/c/classes/objects/Materials/Matpar.h
M /issm/trunk-jpl/src/c/classes/objects/Vertex.cpp M /issm/trunk-jpl/src/c/classes/toolkits/Matrix.h
M /issm/trunk-jpl/src/c/classes/toolkits/Solver.h M /issm/trunk-jpl/src/c/classes/toolkits/Vector.h
M /issm/trunk-jpl/src/c/modules/ConstraintsStatex/ConstraintsStatex.cpp M
/issm/trunk-jpl/src/c/modules/CreateNodalConstraintsx/CreateNodalConstraintsx.cpp
M /issm/trunk-jpl/src/c/modules/EdgeDetectionx/EdgeDetectionx.cpp M /issm/trunk-
jpl/src/c/modules/GetSolutionFromInputsx/GetSolutionFromInputsx.cpp M /issm/trunk-
jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.cpp M /issm/trunk-
jpl/src/c/modules/ModelProcessorx/CreateParameters.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessor
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Gia/CreateNodesGia.cpp M
/issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/CreateParametersHydrologyDCEffici
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/CreateParametersHydrologyDCI
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/ModelProcessorx.cpp M /issm/trunk-
jpl/src/c/modules/Reducevectorgtofx/Reducevectorgtofx.cpp M /issm/trunk-
jpl/src/c/modules/Solverx/Solverx.cpp M /issm/trunk-jpl/src/c/shared/Numerics/ToolkitOptionsFromAnaly
M /issm/trunk-jpl/src/c/solutions/EnvironmentFinalize.cpp M /issm/trunk-jpl/src/c/solutions/convergence.c
M /issm/trunk-jpl/src/c/solutions/gia_core.cpp M /issm/trunk-jpl/src/c/solutions/hydrology_core.cpp
M /issm/trunk-jpl/src/c/toolkits/issm/IssmAbsMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmAbsVec.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiVec.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmSeqVec.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmToolkitUtils.cpp M /issm/trunk-jpl/src/c/toolkits/issm/IssmVec.h
M /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscSolver.cpp

Export determination: 6.

Rationale: CHG: cosmetics, removed double blank lines and bad indentation

Change #508 with diff file ISSM-14823-14824.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/AndroidManifest.xml M /issm/trunk-
jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ISSM.java M /issm/trunk-
jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/MyGLSurfaceView.java

Export determination: 6.

Rationale: changed the minSDKVersion to 10, wrapped SDK 11 code in an OS version check, search ISSM.java for setScaleX

Change #509 with diff file ISSM-14824-14825.diff:

Function name:

A /issm/trunk-jpl/src/m/classes/gia.py

Export determination: 6.

Rationale: NEW: python script is added for GIA class

Change #510 with diff file ISSM-14825-14826.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/gia.m M /issm/trunk-jpl/src/m/classes/gia.py

M /issm/trunk-jpl/src/m/classes/model/model.py

Export determination: 6.

Rationale: CHG: added gia to python model and fixed consistency of gia

Change #511 with diff file ISSM-14826-14827.diff:

Function name:

M /issm/trunk-jpl/test/Par/SquareSheetConstrained.par M /issm/trunk-jpl/test/Par/SquareSheetConstrained

Export determination: 6.

Rationale: NEW: updated SquareSheetConstrained.py and added GIA stuff

Change #512 with diff file ISSM-14827-14828.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/gia.m

Export determination: 6.

Rationale: CHG: fixed the fix :)

Change #513 with diff file ISSM-14828-14829.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/gia.m M /issm/trunk-jpl/src/m/classes/gia.py

M /issm/trunk-jpl/src/m/classes/model/model.py

Export determination: 6.

Rationale: CHG: trying to fix GIA stuff

Change #514 with diff file ISSM-14829-14830.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/gia.py

Export determination: 6.

Rationale: BUG: fixed GIA consistency issue

Change #515 with diff file ISSM-14830-14831.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ISSM.java

Export determination: 6.

Rationale: updated setAlpha in ISSM.java, uses float for SDK 11+, uses int for sdk 10-

Change #516 with diff file ISSM-14831-14832.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test2001.m

Export determination: 6.

Rationale: cosmetics

Change #517 with diff file ISSM-14832-14833.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/IdToName.m

Export determination: 6.

Rationale: CHG: a new test added for gia

Change #518 with diff file ISSM-14833-14834.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Bucket.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.L

Export determination: 6.

Rationale: CHG: committing new Assemble routine, still needs debugging

Change #519 with diff file ISSM-14834-14835.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Bucket.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmAbsMat.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmDenseMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMat.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiV
M /issm/trunk-jpl/src/c/toolkits/issm/IssmSolver.cpp

Export determination: 6.

Rationale: CHG: done coding Assemble routines for vectors and matrices. Hook up to Solver not yet implemented. Will work on MUMPS solver next. Assemble routine is not yet debugged. No segfault or mem-leak, but something is off in the results.

Change #520 with diff file ISSM-14835-14836.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/distme.f

Export determination: 6.

Rationale: CHG: no more t0=0 restriction. Default numtimes=5, for Ivins benchmarks

Change #521 with diff file ISSM-14836-14837.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/stot.f

Export determination: 6.

Rationale: CHG: no more t0=0 restriction. Default numtimes=5, for Ivins benchmarks

Change #522 with diff file ISSM-14837-14838.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.cpp

Export determination: 6.

Rationale: CHG: Default numtimes=5, for Ivins benchmarks

Change #523 with diff file ISSM-14838-14839.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-

jpl/src/c/classes/objects/Loads/Pengrid.cpp M /issm/trunk-jpl/src/c/classes/objects/Materials/Matpar.cpp
M /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/CreateConstraintsHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/CreateLoadsHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/CreateNodesHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/CreateParametersHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/UpdateElementsHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/CreateConstraintsHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/CreateLoadsHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/CreateNodesHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/CreateParametersHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/UpdateElementsHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyShreve/CreateConstraintsHydrologyShreve.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyShreve/CreateNodesHydrologyShreve.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyShreve/CreateParametersHydrologyShreve.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyShreve/UpdateElementsHydrologyShreve.cpp
M /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp M /issm/trunk-jpl/src/c/solutions/hydrology_core.cpp M /issm/trunk-jpl/src/m/classes/hydrologydc.m
M /issm/trunk-jpl/src/m/classes/hydrologyshreve.m M /issm/trunk-jpl/src/m/classes/hydrologyshreve.py
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/HydrologyModelEnum.m
A /issm/trunk-jpl/src/m/enum/HydrologydcPenaltyFactorEnum.m M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m
Export determination: 6.
Rationale: CHG: changing to HydrologyModel Enum and added Penalty factor as parameter

Change #524 with diff file ISSM-14839-14840.diff:

Function name:

D /issm/trunk-jpl/src/m/enum/HydrologyEnum.m

Export determination: 6.

Rationale: CHG:cleaning Enums

Change #525 with diff file ISSM-14840-14841.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/ojrule.f

Export determination: 6.

Rationale: CHG: some clean up

Change #526 with diff file ISSM-14841-14842.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/what0.f

Export determination: 6.

Rationale: CHG: some clean up

Change #527 with diff file ISSM-14842-14843.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test2001.m

Export determination: 6.

Rationale: CHG: updated for default numtimes=5 to run Ivins benchmarks

Change #528 with diff file ISSM-14843-14844.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive2001.nc

Export determination: 6.

Rationale: CHG: and corresponding archive

Change #529 with diff file ISSM-14844-14845.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/AndroidManifest.xml M /issm/trunk-

jpl/src/mobile/android/ISSM_APP/bin/AndroidManifest.xml M /issm/trunk-

jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/GalleryImage.java A

/issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ZoomImageView.java

A /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ZoomImageViewActivity.java

A /issm/trunk-jpl/src/mobile/graphics/gallery/fullsize

Export determination: 6.

Rationale: ADD: pinch zoom and moving feature for gallery.

Change #530 with diff file ISSM-14845-14846.diff:

Function name:

A /issm/trunk-jpl/src/m/mesh/ExportGmsh.m

Export determination: 6.

Rationale: NEW: added ExportGmsh.m to export mesh in gmsh format

Change #531 with diff file ISSM-14846-14847.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/DofIndexing.cpp M /issm/trunk-jpl/src/c/classes/objects/Node.cpp

Export determination: 6.

Rationale: CHG: cosmetics

Change #532 with diff file ISSM-14847-14848.diff:

Function name:

A /issm/trunk-jpl/test/Par/GiaBenchmarksAB.par

Export determination: 6.

Rationale: NEW: parameters typical for gia benchmark expt A and B

Change #533 with diff file ISSM-14848-14849.diff:

Function name:

A /issm/trunk-jpl/test/Par/GiaBenchmarksCD.par

Export determination: 6.

Rationale: NEW: parameters typical for gia benchmark expt C and D

Change #534 with diff file ISSM-14849-14850.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/IdToName.m

Export determination: 6.

Rationale: CHG: updated to include several gia benchmark tests

Change #535 with diff file ISSM-14850-14851.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test2051.m

Export determination: 6.

Rationale: CHG: upgraded gia benchmark experiment A1

Change #536 with diff file ISSM-14851-14852.diff:

Function name:

A /issm/trunk-jpl/test/NightlyRun/test2052.m

Export determination: 6.
Rationale: NEW: gia benchmark experiment A2

Change #537 with diff file ISSM-14852-14853.diff:
Function name:
A /issm/trunk-jpl/test/NightlyRun/test2053.m
Export determination: 6.
Rationale: NEW: gia benchmark experiment A3

Change #538 with diff file ISSM-14853-14854.diff:
Function name:
A /issm/trunk-jpl/test/NightlyRun/test2071.m
Export determination: 6.
Rationale: NEW: gia benchmark experiment C1

Change #539 with diff file ISSM-14854-14855.diff:
Function name:
A /issm/trunk-jpl/test/NightlyRun/test2072.m
Export determination: 6.
Rationale: NEW: gia benchmark experiment C2

Change #540 with diff file ISSM-14855-14856.diff:
Function name:
A /issm/trunk-jpl/test/NightlyRun/test2073.m
Export determination: 6.
Rationale: NEW: gia benchmark experiment C3

Change #541 with diff file ISSM-14856-14857.diff:
Function name:
M /issm/trunk-jpl/test/Archives/Archive2051.nc A /issm/trunk-jpl/test/Archives/Archive2052.nc
A /issm/trunk-jpl/test/Archives/Archive2053.nc A /issm/trunk-jpl/test/Archives/Archive2071.nc
A /issm/trunk-jpl/test/Archives/Archive2072.nc A /issm/trunk-jpl/test/Archives/Archive2073.nc
Export determination: 6.

Rationale: NEW: archives for gia benchmark tests

Change #542 with diff file ISSM-14857-14858.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/issm/IssmDenseMat.h

Export determination: 6.

Rationale: BUG: replaced Kff by this

Change #543 with diff file ISSM-14858-14859.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.h

Export determination: 6.

Rationale: CHG: temporary commit

Change #544 with diff file ISSM-14859-14860.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/issm/IssmDenseMat.h

Export determination: 6.

Rationale: CHG: fixed some dependency issues

Change #545 with diff file ISSM-14860-14861.diff:

Function name:

A /issm/trunk-jpl/src/mobile/graphics/gallery/fullsize/dragcoefficient.png A /issm/trunk-

jpl/src/mobile/graphics/gallery/fullsize/greenlandtransient.png A /issm/trunk-

jpl/src/mobile/graphics/gallery/fullsize/groundingline.png A /issm/trunk-jpl/src/mobile/graphics/gallery/full-

A /issm/trunk-jpl/src/mobile/graphics/gallery/fullsize/jksbamg.png A /issm/trunk-

jpl/src/mobile/graphics/gallery/fullsize/localreliabilitymulti10.png A /issm/trunk-

jpl/src/mobile/graphics/gallery/fullsize/partition1.png A /issm/trunk-jpl/src/mobile/graphics/gallery/fullsize/

A /issm/trunk-jpl/src/mobile/graphics/gallery/fullsize/pighist.png A /issm/trunk-

jpl/src/mobile/graphics/gallery/fullsize/pighist2.png A /issm/trunk-jpl/src/mobile/graphics/gallery/fullsize/p

A /issm/trunk-jpl/src/mobile/graphics/gallery/fullsize/pigmasshist.png A /issm/trunk-

jpl/src/mobile/graphics/gallery/fullsize/pigpdf.png A /issm/trunk-jpl/src/mobile/graphics/gallery/fullsize/pig

A /issm/trunk-jpl/src/mobile/graphics/gallery/fullsize/pigscattercorrelation.png

A /issm/trunk-jpl/src/mobile/graphics/gallery/fullsize/scalability.png A /issm/trunk-

jpl/src/mobile/graphics/gallery/fullsize/scaling.png A /issm/trunk-jpl/src/mobile/graphics/gallery/fullsize/ve

Export determination: 6.
Rationale: changing the full size photos from pdf to png

Change #546 with diff file ISSM-14861-14862.diff:
Function name:
M /issm/trunk-jpl/src/c/toolkits/mpi/patches/DetermineLocalSize.cpp
Export determination: 6.
Rationale: CHG: TODO uncomment lines 31-33 once testing is ready.

Change #547 with diff file ISSM-14862-14863.diff:
Function name:
M /issm/trunk-jpl/src/m/mesh/ExportGmsh.m
Export determination: 6.
Rationale: NEW: export md.mesh to gmsh format

Change #548 with diff file ISSM-14863-14864.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: added conditional for MUMPS package

Change #549 with diff file ISSM-14864-14865.diff:
Function name:
M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/toolkits/issm/IssmMat.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiV
M /issm/trunk-jpl/src/c/toolkits/issm/IssmVec.h A /issm/trunk-jpl/src/c/toolkits/mumps
A /issm/trunk-jpl/src/c/toolkits/mumps/MpiDenseMumpsSolve.cpp A /issm/trunk-
jpl/src/c/toolkits/mumps/mumpsincludes.h
Export determination: 6.
Rationale: NEW: implemented a new hook up for the ISSM toolkit to the
MUMPS solver, without recourse to the Petsc library. Needs V&V still, but I
can get test101 to run. No success yet.

Change #550 with diff file ISSM-14865-14866.diff:
Function name:
M /issm/trunk-jpl/src/c/toolkits/issm/IssmDenseMat.h
Export determination: 6.
Rationale: CHG: minor, cosmetic

Change #551 with diff file ISSM-14866-14867.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/plotoptions.m
Export determination: 6.
Rationale: CHG: fixed WARNING: option figure was not used

Change #552 with diff file ISSM-14867-14868.diff:
Function name:
M /issm/trunk-jpl/src/c/toolkits/issm/IssmDenseMat.h
Export determination: 6.
Rationale: CHG: fixed bug

Change #553 with diff file ISSM-14868-14869.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/objects/Bucket.h
Export determination: 6.
Rationale: CHG: fixed indexation issue

Change #554 with diff file ISSM-14869-14870.diff:
Function name:
M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiVec.h
Export determination: 6.
Rationale: CHG: cosmetics

Change #555 with diff file ISSM-14870-14871.diff:
Function name:
M /issm/trunk-jpl/configs/config-macosx64-mlion-mathieu.sh M /issm/trunk-

jpl/configs/config-macosx64.sh
Export determination: 6.
Rationale: CHG: simpler configuration

Change #556 with diff file ISSM-14871-14872.diff:
Function name:
M /issm/trunk-jpl/src/m/solve/solve.m
Export determination: 6.
Rationale: CHG: checking against petsc is not needed anymore, because we now have the issm toolkit available

Change #557 with diff file ISSM-14872-14873.diff:
Function name:
M /issm/trunk-jpl/src/m/solve/solve.py
Export determination: 6.
Rationale: CHG: checking against petsc is not needed anymore, because we now have the issm toolkit available

Change #558 with diff file ISSM-14873-14874.diff:
Function name:
M /issm/trunk-jpl/src/c/toolkits/mumps/MpiDenseMumpsSolve.cpp
Export determination: 6.
Rationale: CHG: switched to non symmetric + checks on 0 sized memory allocation.

Change #559 with diff file ISSM-14874-14875.diff:
Function name:
M /issm/trunk-jpl/src/m/solve/solve.py
Export determination: 6.
Rationale: CHG: reverted back (but removed check on np<1 if no petsc

Change #560 with diff file ISSM-14875-14876.diff:
Function name:

M /issm/trunk-jpl/src/c/classes/objects/Bucket.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmDenseMat.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiV
M /issm/trunk-jpl/src/c/toolkits/toolkitsenums.h
Export determination: 6.
Rationale: CHG: new NORM_FROBENIUS for matrices. Also fixed a lot of
bugs in the norm routines of vectors and matrices in our issm toolkit. Took out
the Assemble2, along with Bucket.h iSend and Recv routines.

Change #561 with diff file ISSM-14876-14877.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/issm/IssmDenseMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDense
M /issm/trunk-jpl/src/c/toolkits/toolkitsenums.h

Export determination: 6.

Rationale: CHG: NORM_FROBENIUS already used by petsc :(Switching to
NORM_FROB.

Change #562 with diff file ISSM-14877-14878.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am A /issm/trunk-jpl/src/c/toolkits/gsl A
/issm/trunk-jpl/src/c/toolkits/gsl/DenseGslSolve.cpp A /issm/trunk-jpl/src/c/toolkits/gsl/gslincludes.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmDenseMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmSolver.cp
M /issm/trunk-jpl/src/c/toolkits/issm/IssmSolver.h M /issm/trunk-jpl/src/c/toolkits/toolkits.h

Export determination: 6.

Rationale: CHG: rearranged the adolc solvers to actually be under the gsl
toolkit.

Change #563 with diff file ISSM-14878-14879.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiV

Export determination: 6.

Rationale: CHG: replaced all printf with _printLine_ statements.

Change #564 with diff file ISSM-14879-14880.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test3001.m M /issm/trunk-jpl/test/NightlyRun/test3001.py

M /issm/trunk-jpl/test/NightlyRun/test3002.m M /issm/trunk-jpl/test/NightlyRun/test3002.py
M /issm/trunk-jpl/test/NightlyRun/test3003.m M /issm/trunk-jpl/test/NightlyRun/test3003.py
M /issm/trunk-jpl/test/NightlyRun/test3004.m M /issm/trunk-jpl/test/NightlyRun/test3004.py
M /issm/trunk-jpl/test/NightlyRun/test3005.m M /issm/trunk-jpl/test/NightlyRun/test3005.py
M /issm/trunk-jpl/test/NightlyRun/test3006.m M /issm/trunk-jpl/test/NightlyRun/test3006.py
M /issm/trunk-jpl/test/NightlyRun/test3007.m M /issm/trunk-jpl/test/NightlyRun/test3007.py
M /issm/trunk-jpl/test/NightlyRun/test3008.m M /issm/trunk-jpl/test/NightlyRun/test3008.py
M /issm/trunk-jpl/test/NightlyRun/test3009.m M /issm/trunk-jpl/test/NightlyRun/test3009.py
M /issm/trunk-jpl/test/NightlyRun/test3010.m M /issm/trunk-jpl/test/NightlyRun/test3010.py
M /issm/trunk-jpl/test/NightlyRun/test3015.m M /issm/trunk-jpl/test/NightlyRun/test3019.m
M /issm/trunk-jpl/test/NightlyRun/test3020.m M /issm/trunk-jpl/test/NightlyRun/test3020.py
D /issm/trunk-jpl/test/NightlyRun/tmp101.m

Export determination: 6.

Rationale: CHG: switching adolc runs to 1 cpu only, not that the issmsolver is fully on in the toolkits

Change #565 with diff file ISSM-14880-14881.diff:

Function name:

A /issm/trunk-jpl/externalpackages/mumps A /issm/trunk-jpl/externalpackages/mumps/README

A /issm/trunk-jpl/externalpackages/mumps/configs A /issm/trunk-jpl/externalpackages/mumps/configs/Mak
macosx64.inc A /issm/trunk-jpl/externalpackages/mumps/install-macosx64.sh

A /issm/trunk-jpl/externalpackages/mumps/mumps-4.10.0-p3.tar.gz

Export determination: 6.

Rationale: CHG: mumps package

Change #566 with diff file ISSM-14881-14882.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/toolkits.m M /issm/trunk-jpl/src/m/classes/toolkits.py

Export determination: 6.

Rationale: CHG: changing defaults for toolkits

Change #567 with diff file ISSM-14882-14883.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/ParseToolkitsOptionsx/ParseToolkitsOptionsx.cpp

M /issm/trunk-jpl/src/c/toolkits/mumps/MpiDenseMumpsSolve.cpp

Export determination: 6.

Rationale: CHG: adolc mode mumps solver not yet available.

Change #568 with diff file ISSM-14883-14884.diff:
Function name:
A /issm/trunk-jpl/externalpackages/matlab/install-murdo.sh
Export determination: 6.
Rationale: CHG: murdo matlab install script

Change #569 with diff file ISSM-14884-14885.diff:
Function name:
M /issm/trunk-jpl/externalpackages/matlab/install.sh
Export determination: 6.
Rationale: NEW: install.sh now explains what to do instead of creating a symbolic link that does not work

Change #570 with diff file ISSM-14885-14886.diff:
Function name:
D /issm/trunk-jpl/externalpackages/matlab/install-murdo.sh
Export determination: 6.
Rationale: DEL: removed install-murdo.sh not needed

Change #571 with diff file ISSM-14886-14887.diff:
Function name:
M /issm/trunk-jpl/src/c/toolkits/issm/IssmDenseMat.h
Export determination: 6.
Rationale: CHG: missing prototype

Change #572 with diff file ISSM-14887-14888.diff:
Function name:
M /issm/trunk-jpl/src/c/toolkits/gsl/DenseGslSolve.cpp M /issm/trunk-jpl/src/c/toolkits/gsl/gslincludes.h
Export determination: 6.
Rationale: CHG: missing case of ISSMPDouble

Change #573 with diff file ISSM-14888-14889.diff:
Function name:

M /issm/trunk-jpl/src/c/toolkits/issm/IssmAbsMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmDenseMat.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.h
Export determination: 6.
Rationale: CHG: Solve method only needed in issm.exe, not the wrappers, don't
want to bother with gsl undefined references

Change #574 with diff file ISSM-14889-14890.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am M /issm/trunk-jpl/src/wrappers/python/Makefile.am

Export determination: 6.

Rationale: CHG: missing GSLIBS in dependencies

Change #575 with diff file ISSM-14890-14891.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Alloc/alloc.h M /issm/trunk-jpl/src/c/shared/Alloc/xNewDelete.h

Export determination: 6.

Rationale: CHG: cosmetics

Change #576 with diff file ISSM-14891-14892.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/FemModel.cpp M /issm/trunk-jpl/src/c/classes/objects/Params/MatrixPara

M /issm/trunk-jpl/src/c/solvers/solver_adjoint_linear.cpp M /issm/trunk-jpl/src/c/solvers/solver_hydro_nonlin

M /issm/trunk-jpl/src/c/solvers/solver_linear.cpp M /issm/trunk-jpl/src/c/solvers/solver_newton.cpp

M /issm/trunk-jpl/src/c/solvers/solver_nonlinear.cpp M /issm/trunk-jpl/src/c/solvers/solver_stokescoupling.n

M /issm/trunk-jpl/src/c/solvers/solver_thermal_nonlinear.cpp

Export determination: 6.

Rationale: CHG: replacing xdelete with delete. Gradual change. Nightlys seem
to accomodate this change

Change #577 with diff file ISSM-14892-14893.diff:

Function name:

M /issm/trunk-jpl/src/c/Container/Elements.cpp M /issm/trunk-jpl/src/c/classes/objects/Params/VectorPar

M /issm/trunk-jpl/src/c/modules/AverageOntoPartitionx/AverageOntoPartitionx.cpp

M /issm/trunk-jpl/src/c/modules/GetVectorFromControlInputsx/GetVectorFromControlInputsx.cpp

M /issm/trunk-jpl/src/c/modules/GetVectorFromInputsx/GetVectorFromInputsx.cpp

M /issm/trunk-jpl/src/c/modules/Gradjx/Gradjx.cpp M /issm/trunk-jpl/src/c/modules/GroundinglineMigrat
M /issm/trunk-jpl/src/c/modules/Reduceloadx/Reduceloadx.cpp
Export determination: 6.
Rationale: CHG: replacing xdelete with delete. Gradual change. Nightlys seem
to accomodate this change

Change #578 with diff file ISSM-14893-14894.diff:

Function name:

M /issm/trunk-jpl/src/c/solutions/controltao_core.cpp M /issm/trunk-jpl/src/c/solutions/convergence.cpp
M /issm/trunk-jpl/src/c/solutions/gradient_core.cpp

Export determination: 6.

Rationale: CHG: replacing xdelete with delete. Gradual change. Nightlys seem
to accomodate this change

Change #579 with diff file ISSM-14894-14895.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/objects/Contour.h
D /issm/trunk-jpl/src/c/shared/Alloc/alloc.cpp M /issm/trunk-jpl/src/c/shared/Alloc/alloc.h
D /issm/trunk-jpl/src/c/shared/Alloc/xNewDelete.h M /issm/trunk-jpl/src/c/shared/Exceptions/exprintf.cpp
M /issm/trunk-jpl/src/c/shared/Threads/LaunchThread.cpp M /issm/trunk-
jpl/src/c/shared/TriMesh/SplitMeshForRifts.cpp M /issm/trunk-jpl/src/c/shared/TriMesh/TriMeshUtils.cpp
M /issm/trunk-jpl/src/c/shared/shared.h M /issm/trunk-jpl/src/c/toolkits/mpi/patches/GetOwnershipBound

Export determination: 6.

Rationale: CHG: got rid of xdelete altogether, relying on templated xNew and
xDelete operators

Change #580 with diff file ISSM-14895-14896.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/AverageOntoPartitionx/AverageOntoPartitionx.cpp
M /issm/trunk-jpl/src/c/modules/Exp2Kmlx/Exp2Kmlx.cpp M /issm/trunk-
jpl/src/c/modules/Gradjx/Gradjx.cpp M /issm/trunk-jpl/src/c/modules/InputUpdateFromDakotax/InputUp
M /issm/trunk-jpl/src/c/modules/InputUpdateFromMatrixDakotax/InputUpdateFromMatrixDakotax.cpp
M /issm/trunk-jpl/src/c/modules/InterpFromMesh2dx/InterpFromMesh2dx.cpp
M /issm/trunk-jpl/src/c/modules/InterpFromMeshToMesh2dx/InterpFromMeshToMesh2dx.cpp
M /issm/trunk-jpl/src/c/modules/Kml2Expx/Kml2Expx.cpp M /issm/trunk-
jpl/src/c/modules/ModelProcessorx/Balancethickness/CreateConstraintsBalancethickness.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Balancethickness/UpdateElementsBalancethickness.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/BedSlope/UpdateElementsBedSlope.cpp

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Control/UpdateElementsAndMaterialsControl.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHoriz/UpdateElementsDiagnosticHoriz.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHutter/UpdateElementsDiagnosticHutter.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticVert/UpdateElementsDiagnosticVert.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Enthalpy/UpdateElementsEnthalpy.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Gia/UpdateElementsGia.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/CreateConstraintsHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/UpdateElementsHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/CreateConstraintsHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/UpdateElementsHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyShreve/CreateConstraintsHydrologyShreve.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyShreve/UpdateElementsHydrologyShreve.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Melting/UpdateElementsMelting.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/ModelProcessorx.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Prognostic/CreateConstraintsPrognostic.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Prognostic/UpdateElementsPrognostic.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/SurfaceSlope/UpdateElementsSurfaceSlope.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Thermal/CreateConstraintsThermal.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Thermal/UpdateElementsThermal.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Transient/UpdateElementsTransient.cpp
M /issm/trunk-jpl/src/c/modules/ResetConstraintsx/ResetConstraintsx.cpp M /issm/trunk-jpl/src/c/modules/Shp2Expx/Shp2Expx.cpp M /issm/trunk-jpl/src/c/modules/Shp2Kmlx/Shp2Kmlx.cpp
M /issm/trunk-jpl/src/c/modules/TriaSearchx/TriaSearchx.cpp

Export determination: 6.

Rationale: CHG: all these modules were uselessly including modules.h, which created useless bridges between modules and modules.h. Took this out

Change #581 with diff file ISSM-14896-14897.diff:

Function name:

M /issm/trunk-jpl/src/c/Container/Observations.cpp M /issm/trunk-jpl/src/c/classes/FemModel.cpp
M /issm/trunk-jpl/src/c/classes/objects/Node.cpp

Export determination: 6.

Rationale: CHG: only include modules.h when strictly necessary

Change #582 with diff file ISSM-14897-14898.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am D /issm/trunk-jpl/src/c/classes/IssmComm.cpp
D /issm/trunk-jpl/src/c/classes/IssmComm.h M /issm/trunk-jpl/src/c/classes/ToolkitOptions.h
M /issm/trunk-jpl/src/c/classes/classes.h M /issm/trunk-jpl/src/c/classes/objects/ExternalResults/GenericExternalResults.cpp
M /issm/trunk-jpl/src/c/include/globals.h M /issm/trunk-jpl/src/c/include/types.h

A /issm/trunk-jpl/src/c/io/Comm A /issm/trunk-jpl/src/c/io/Comm/Comm.h
A /issm/trunk-jpl/src/c/io/Comm/CommDef.h A /issm/trunk-jpl/src/c/io/Comm/IssmComm.cpp
A /issm/trunk-jpl/src/c/io/Comm/IssmComm.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMat.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmToolk
M /issm/trunk-jpl/src/c/toolkits/mpi/mpiincludes.h M /issm/trunk-jpl/src/c/toolkits/mpi/patches/GetOwne
M /issm/trunk-jpl/src/c/toolkits/mumps/MpiDenseMumpsSolve.cpp M /issm/trunk-
jpl/src/c/toolkits/petsc/objects/PetscSolver.cpp M /issm/trunk-jpl/src/c/toolkits/petsc/patches/petscpatche
Export determination: 6.
Rationale: CHG: starting to cleanup the globals and types and typedefs include
files. Send the communicator definitions into an io/Comm/Comm.h header file,
along with the IssmComm object.

Change #583 with diff file ISSM-14898-14899.diff:

Function name:
M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h
Export determination: 6.
Rationale: CHG: introducing GiaMantleViscosityEnum to account for varying
mantle viscosity in gia model

Change #584 with diff file ISSM-14899-14900.diff:

Function name:
M /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp M /issm/trunk-
jpl/src/c/modules/ModelProcessox/Gia/UpdateElementsGia.cpp M /issm/trunk-
jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp
Export determination: 6.
Rationale: CHG: relevant update associated with GiaMantleViscosityEnum
that account for varying mantle viscosity in gia model

Change #585 with diff file ISSM-14900-14901.diff:

Function name:
M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Material
M /issm/trunk-jpl/src/c/classes/objects/Materials/Matpar.h
Export determination: 6.
Rationale: CHG: element and materials updated for varying mantle viscosity

Change #586 with diff file ISSM-14901-14902.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/gia.m M /issm/trunk-jpl/src/m/classes/gia.py
M /issm/trunk-jpl/src/m/classes/matdamageice.m M /issm/trunk-jpl/src/m/classes/matrice.m
M /issm/trunk-jpl/src/m/classes/model/model.m M /issm/trunk-jpl/src/m/classes/model/model.py
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/GiaMantleViscosityEnum.m
D /issm/trunk-jpl/src/m/enum/MaterialsMantleViscosityEnum.m

Export determination: 6.

Rationale: CHG: changes associated with GiaMantleViscosityEnum that accounts for varying mantle viscosity in gia model

Change #587 with diff file ISSM-14902-14903.diff:

Function name:

M /issm/trunk-jpl/test/Par/GiaBenchmarksAB.par M /issm/trunk-jpl/test/Par/GiaBenchmarksCD.par
M /issm/trunk-jpl/test/Par/SquareSheetConstrained.par M /issm/trunk-jpl/test/Par/SquareSheetConstrained

Export determination: 6.

Rationale: CHG: updates associated with GiaMantleViscosityEnum that accounts for varying mantle viscosity in gia model

Change #588 with diff file ISSM-14903-14904.diff:

Function name:

M /issm/trunk-jpl/src/c/Container/Container.h M /issm/trunk-jpl/src/c/Container/DataSet.h
M /issm/trunk-jpl/src/c/Container/Inputs.h M /issm/trunk-jpl/src/c/Container/Nodes.h
M /issm/trunk-jpl/src/c/Container/Observations.h M /issm/trunk-jpl/src/c/Container/Options.h

Export determination: 6.

Rationale: CHG: de-entangling some header file dependencies

Change #589 with diff file ISSM-14904-14905.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/ToolkitOptions.cpp
M /issm/trunk-jpl/src/c/classes/objects/Bucket.h M /issm/trunk-jpl/src/c/classes/objects/Contour.h
M /issm/trunk-jpl/src/c/classes/objects/Options/GenericOption.h D /issm/trunk-jpl/src/c/shared/Alloc M /issm/trunk-jpl/src/c/shared/Exceptions/exprintf.cpp
M /issm/trunk-jpl/src/c/shared/Exp/ExpWrite.cpp M /issm/trunk-jpl/src/c/shared/Matrix/MatrixUtils.cpp
A /issm/trunk-jpl/src/c/shared/MemOps/MemOps.h (from /issm/trunk-jpl/src/c/shared/Alloc/alloc.h:14902)
D /issm/trunk-jpl/src/c/shared/MemOps/xMemCpy.h M /issm/trunk-jpl/src/c/shared/Numerics/GaussPoint
M /issm/trunk-jpl/src/c/shared/Numerics/XZvectorsToCoordinateSystem.cpp
M /issm/trunk-jpl/src/c/shared/Threads/LaunchThread.cpp M /issm/trunk-

jpl/src/c/shared/TriMesh/SplitMeshForRifts.cpp M /issm/trunk-jpl/src/c/shared/TriMesh/TriMeshUtils.cpp
M /issm/trunk-jpl/src/c/shared/shared.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmAbsMat.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmAbsVec.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmDenseMat.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiVec.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmSeqVec.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmToolkitUtils.cpp M /issm/trunk-jpl/src/c/toolkits/issm/IssmVec.h
M /issm/trunk-jpl/src/c/toolkits/mpi/patches/GetOwnershipBoundariesFromRange.cpp
M /issm/trunk-jpl/src/c/toolkits/mumps/MpiDenseMumpsSolve.cpp M /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscSolver.cpp
Export determination: 6.
Rationale: CHG: merged xMemCpy and alloc.h into MemOps.h in the src/c/shared/MemOps/MemOps include file. Easier to track down, and makes more sense.

Change #590 with diff file ISSM-14905-14906.diff:
Function name:
M /issm/trunk-jpl/src/c/shared/MemOps/MemOps.h
Export determination: 6.
Rationale: CHG: changed include guard protection

Change #591 with diff file ISSM-14906-14907.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/objects
Export determination: 6.
Rationale: CHG: not needed anymore

Change #592 with diff file ISSM-14907-14908.diff:
Function name:
M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/dakota/DakotaPlugin.cpp
M /issm/trunk-jpl/src/c/classes/dakota/DakotaPlugin.h A /issm/trunk-jpl/src/c/solutions/DakotaSpawnCore
M /issm/trunk-jpl/src/c/solutions/dakota_core.cpp M /issm/trunk-jpl/src/c/solutions/solutions.h
Export determination: 6.
Rationale: CHG: de-entangling dakota include files

Change #593 with diff file ISSM-14908-14909.diff:
Function name:

M /issm/trunk-jpl/src/c/classes/DofIndexing.cpp M /issm/trunk-jpl/src/c/classes/DofIndexing.h

Export determination: 6.

Rationale: CHG: de-entangling DofIndexing header file dependencies

Change #594 with diff file ISSM-14909-14910.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/gauss/GaussPenta.cpp M /issm/trunk-jpl/src/c/classes/gauss/GaussPenta.h

M /issm/trunk-jpl/src/c/classes/gauss/GaussTria.cpp M /issm/trunk-jpl/src/c/classes/gauss/GaussTria.h

M /issm/trunk-jpl/src/c/include/types.h

Export determination: 6.

Rationale: CHG: cleaned up Gauss point headers

Change #595 with diff file ISSM-14910-14911.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/DofIndexing.cpp

M /issm/trunk-jpl/src/c/classes/bamg/Edge.cpp M /issm/trunk-jpl/src/c/classes/bamg/EigenMetric.cpp

M /issm/trunk-jpl/src/c/classes/bamg/Metric.cpp M /issm/trunk-jpl/src/c/classes/gauss/GaussPenta.cpp

M /issm/trunk-jpl/src/c/classes/gauss/GaussTria.cpp M /issm/trunk-jpl/src/c/include/macros.h

A /issm/trunk-jpl/src/c/io/Print A /issm/trunk-jpl/src/c/io/Print/Print.h A

/issm/trunk-jpl/src/c/io/Print/PrintfFunction.cpp D /issm/trunk-jpl/src/c/io/PrintfFunction.cpp

M /issm/trunk-jpl/src/c/io/io.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmDenseMat.h

M /issm/trunk-jpl/src/c/toolkits/issm/IssmSeqVec.h

Export determination: 6.

Rationale: CHG: ne io/Print/Print.h header file for all things related to printing output. took this out from the macros.h include file

Change #596 with diff file ISSM-14911-14912.diff:

Function name:

M /issm/trunk-jpl/src/c/Container/Observations.cpp M /issm/trunk-jpl/src/c/modules/Shp2Expx/Shp2Expx

M /issm/trunk-jpl/src/c/modules/Shp2Kmlx/Shp2Kmlx.cpp M /issm/trunk-

jpl/src/c/toolkits/gsl/DenseGslSolve.cpp M /issm/trunk-jpl/src/c/toolkits/gsl/gslincludes.h

Export determination: 6.

Rationale: CHG: fixing compilation (missing header files)

Change #597 with diff file ISSM-14912-14913.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/dakota/DakotaPlugin.cpp M /issm/trunk-jpl/src/c/classes/objects/Bucket.h
M /issm/trunk-jpl/src/c/classes/objects/Loads/Pengrid.cpp M /issm/trunk-jpl/src/c/include/macros.h
M /issm/trunk-jpl/src/c/modules/InterpFromMesh2dx/InterpFromMesh2dx.cpp
M /issm/trunk-jpl/src/c/shared/MemOps/MemOps.h M /issm/trunk-jpl/src/c/solutions/solutions.h
M /issm/trunk-jpl/src/c/toolkits/gsl/DenseGslSolve.cpp M /issm/trunk-jpl/src/c/toolkits/issm/IssmDenseMat.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiVec.h M /issm/trunk-jpl/src/c/toolkits/mpi/mpiincludes.h
M /issm/trunk-jpl/src/c/toolkits/mpi/patches/DetermineLocalSize.cpp M /issm/trunk-jpl/src/c/toolkits/mumps/MpiDenseMumpsSolve.cpp

Export determination: 6.

Rationale: CHG: cosmetics, removing double blank lines:

Change #598 with diff file ISSM-14913-14914.diff:

Function name:

M /issm/trunk-jpl/src/c/io/Print/PrintfFunction.cpp

Export determination: 6.

Rationale: CHG: missing include

Change #599 with diff file ISSM-14914-14915.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/DofIndexing.cpp
M /issm/trunk-jpl/src/c/classes/ToolkitOptions.cpp M /issm/trunk-jpl/src/c/classes/bamg/include.h
M /issm/trunk-jpl/src/c/classes/gauss/GaussPenta.cpp M /issm/trunk-jpl/src/c/classes/gauss/GaussTria.cpp
M /issm/trunk-jpl/src/c/classes/objects/Bucket.h M /issm/trunk-jpl/src/c/include/include.h
D /issm/trunk-jpl/src/c/include/macros.h M /issm/trunk-jpl/src/c/io/Comm/IssmComm.cpp
M /issm/trunk-jpl/src/c/shared/Elements/PrintArrays.cpp M /issm/trunk-jpl/src/c/shared/Exceptions/exception.h
M /issm/trunk-jpl/src/c/shared/Numerics/Synchronize.sh M /issm/trunk-jpl/src/c/shared/Numerics/Verbosity.h
M /issm/trunk-jpl/src/c/shared/Sorting/binary_search.cpp M /issm/trunk-jpl/src/c/toolkits/issm/IssmAbsMat.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmAbsVec.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmDenseMat.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiVec.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmSeqVec.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmToolkitUtils.cpp M /issm/trunk-jpl/src/c/toolkits/issm/IssmVec.h
M /issm/trunk-jpl/src/c/toolkits/mumps/MpiDenseMumpsSolve.cpp

Export determination: 6.

Rationale: CHG: got rid of macros.h in src/c/include, and pushed the last remaining ones pertaining to exception handling into src/c/shared/Exceptions/exception.h

Change #600 with diff file ISSM-14915-14916.diff:

Function name:

M /issm/trunk-jpl/src/c/Container/Inputs.h M /issm/trunk-jpl/src/c/Container/Observations.h
M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/DofIndexing.cpp
M /issm/trunk-jpl/src/c/classes/DofIndexing.h M /issm/trunk-jpl/src/c/classes/ToolkitOptions.cpp
M /issm/trunk-jpl/src/c/classes/dakota/DakotaPlugin.cpp M /issm/trunk-jpl/src/c/classes/gauss/GaussPenta.cpp
M /issm/trunk-jpl/src/c/classes/gauss/GaussTria.h M /issm/trunk-jpl/src/c/include/globals.h
M /issm/trunk-jpl/src/c/include/include.h D /issm/trunk-jpl/src/c/include/types.h
M /issm/trunk-jpl/src/c/io/Comm/IssmComm.cpp M /issm/trunk-jpl/src/c/shared/Elements/Paterson.cpp
M /issm/trunk-jpl/src/c/shared/Matrix/matrix.h M /issm/trunk-jpl/src/c/shared/Numerics/GaussPoints.h
M /issm/trunk-jpl/src/c/shared/Numerics/XZvectorsToCoordinateSystem.cpp
M /issm/trunk-jpl/src/c/shared/Numerics/cross.cpp M /issm/trunk-jpl/src/c/shared/Numerics/extrema.cpp
M /issm/trunk-jpl/src/c/shared/Numerics/numerics.h A /issm/trunk-jpl/src/c/shared/Numerics/types.h
(from /issm/trunk-jpl/src/c/include/types.h:14913) M /issm/trunk-jpl/src/c/solutions/solutions.h
M /issm/trunk-jpl/src/c/toolkits/gsl/gslincludes.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmSolver.h
M /issm/trunk-jpl/src/c/toolkits/mpi/patches/DetermineGlobalSize.cpp M /issm/trunk-jpl/src/c/toolkits/mpi/patches/DetermineLocalSize.cpp
M /issm/trunk-jpl/src/c/toolkits/mpi/patches/mpipatches.h M /issm/trunk-jpl/src/c/toolkits/mumps/MpiDenseMumpsSolve.cpp M /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscM

Export determination: 6.

Rationale: CHG: moved types from include/ to shared/Numerics, where it belongs. The philosophy here is to get the src/include directory to disappear, and to consolidate the shared/ library.

Change #601 with diff file ISSM-14916-14917.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/DofIndexing.cpp
M /issm/trunk-jpl/src/c/classes/gauss/GaussPenta.cpp M /issm/trunk-jpl/src/c/classes/gauss/GaussTria.cpp
M /issm/trunk-jpl/src/c/classes/objects/Segment.h M /issm/trunk-jpl/src/c/include/include.h
D /issm/trunk-jpl/src/c/include/typedefs.h M /issm/trunk-jpl/src/c/shared/Numerics/GaussPoints.cpp
A /issm/trunk-jpl/src/c/shared/Numerics/constants.h (from /issm/trunk-jpl/src/c/include/typedefs.h:14913)

Export determination: 6.

Rationale: CHG: moved typedefs to shared/Numerics/constants, further depleted the include.h header file.

Change #602 with diff file ISSM-14917-14918.diff:

Function name:

M /issm/trunk-jpl/src/c/Container/Constraints.cpp M /issm/trunk-jpl/src/c/Container/DataSet.cpp
M /issm/trunk-jpl/src/c/Container/Elements.cpp M /issm/trunk-jpl/src/c/Container/Inputs.cpp
M /issm/trunk-jpl/src/c/Container/Loads.cpp M /issm/trunk-jpl/src/c/Container/Materials.cpp

M /issm/trunk-jpl/src/c/Container/Nodes.cpp M /issm/trunk-jpl/src/c/Container/Observations.cpp
M /issm/trunk-jpl/src/c/Container/Options.cpp M /issm/trunk-jpl/src/c/Container/Parameters.cpp
M /issm/trunk-jpl/src/c/Container/Results.cpp M /issm/trunk-jpl/src/c/Container/Vertices.cpp
M /issm/trunk-jpl/src/c/EnumDefinitions/Synchronize.sh M /issm/trunk-jpl/src/c/Makefile.am
M /issm/trunk-jpl/src/c/classes/FemModel.cpp M /issm/trunk-jpl/src/c/classes/Hook.cpp
M /issm/trunk-jpl/src/c/classes/IoModel.cpp M /issm/trunk-jpl/src/c/classes/IoModel.h
M /issm/trunk-jpl/src/c/classes/Patch.cpp M /issm/trunk-jpl/src/c/classes/RiftStruct.cpp
M /issm/trunk-jpl/src/c/classes/bamg/BamgOpts.cpp M /issm/trunk-jpl/src/c/classes/bamg/Edge.h
M /issm/trunk-jpl/src/c/classes/bamg/GeomEdge.cpp M /issm/trunk-jpl/src/c/classes/bamg/GeomVertex.cpp
M /issm/trunk-jpl/src/c/classes/bamg/Geometry.cpp M /issm/trunk-jpl/src/c/classes/bamg/Metric.cpp
M /issm/trunk-jpl/src/c/classes/kriging/ExponentialVariogram.cpp M /issm/trunk-jpl/src/c/classes/kriging/GaussianVariogram.cpp
M /issm/trunk-jpl/src/c/classes/kriging/SphericalVariogram.cpp M /issm/trunk-jpl/src/c/classes/matrix/ElementMatrix.cpp
M /issm/trunk-jpl/src/c/classes/matrix/ElementVector.cpp M /issm/trunk-jpl/src/c/classes/objects/Constraints/SpcDynamic.cpp
M /issm/trunk-jpl/src/c/classes/objects/Constraints/SpcStatic.cpp M /issm/trunk-jpl/src/c/classes/objects/Constraints/SpcStatic.h
M /issm/trunk-jpl/src/c/classes/objects/Contour.h M /issm/trunk-jpl/src/c/classes/objects/DependentObject.cpp
M /issm/trunk-jpl/src/c/classes/objects/ElementResults/BoolElementResult.cpp
M /issm/trunk-jpl/src/c/classes/objects/ElementResults/BoolElementResult.h
M /issm/trunk-jpl/src/c/classes/objects/ElementResults/DoubleElementResult.cpp
M /issm/trunk-jpl/src/c/classes/objects/ElementResults/DoubleElementResult.h
M /issm/trunk-jpl/src/c/classes/objects/ElementResults/PentaP1ElementResult.cpp
M /issm/trunk-jpl/src/c/classes/objects/ElementResults/PentaP1ElementResult.h
M /issm/trunk-jpl/src/c/classes/objects/ElementResults/TriaP1ElementResult.cpp
M /issm/trunk-jpl/src/c/classes/objects/ElementResults/TriaP1ElementResult.h
M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.h
M /issm/trunk-jpl/src/c/classes/objects/Elements/PentaHook.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/PentaRef.cpp
M /issm/trunk-jpl/src/c/classes/objects/Elements/PentaRef.h M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.h
M /issm/trunk-jpl/src/c/classes/objects/Elements/TriaHook.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/TriaRef.cpp
M /issm/trunk-jpl/src/c/classes/objects/Elements/TriaRef.h M /issm/trunk-jpl/src/c/classes/objects/ExternalResults/GenExternalResult.cpp
M /issm/trunk-jpl/src/c/classes/objects/IndependentObject.cpp M /issm/trunk-jpl/src/c/classes/objects/Inputs/BoolInput.h
M /issm/trunk-jpl/src/c/classes/objects/Inputs/BoolInput.cpp M /issm/trunk-jpl/src/c/classes/objects/Inputs/ControlInput.cpp
M /issm/trunk-jpl/src/c/classes/objects/Inputs/ControlInput.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/DatasetInput.h
M /issm/trunk-jpl/src/c/classes/objects/Inputs/DatasetInput.cpp M /issm/trunk-jpl/src/c/classes/objects/Inputs/DoubleInput.h
M /issm/trunk-jpl/src/c/classes/objects/Inputs/DoubleInput.cpp M /issm/trunk-jpl/src/c/classes/objects/Inputs/IntInput.h
M /issm/trunk-jpl/src/c/classes/objects/Inputs/IntInput.cpp M /issm/trunk-jpl/src/c/classes/objects/Inputs/PentaP1Input.h
M /issm/trunk-jpl/src/c/classes/objects/Inputs/PentaP1Input.cpp M /issm/trunk-jpl/src/c/classes/objects/Inputs/TriaP1Input.h
M /issm/trunk-jpl/src/c/classes/objects/Inputs/TriaP1Input.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KMLFileReadUtils.h
M /issm/trunk-jpl/src/c/classes/objects/KML/KMLFileReadUtils.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KMLAttribute.h
M /issm/trunk-jpl/src/c/classes/objects/KML/KMLAttribute.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KMLColorStyle.h
M /issm/trunk-jpl/src/c/classes/objects/KML/KMLColorStyle.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KMLComment.h
M /issm/trunk-jpl/src/c/classes/objects/KML/KMLComment.cpp

jpl/src/c/classes/objects/KML/KML_Container.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Cor
 M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Document.cpp M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_Document.h M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Featu
 M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Feature.h M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_File.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_File.h
 M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Folder.cpp M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_Folder.h M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Geometry
 M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Geometry.h M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_GroundOverlay.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KM
 M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Icon.cpp M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_Icon.h M /issm/trunk-jpl/src/c/classes/objects/KML/KML_LatLonBox
 M /issm/trunk-jpl/src/c/classes/objects/KML/KML_LatLonBox.h M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_LineString.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Lin
 M /issm/trunk-jpl/src/c/classes/objects/KML/KML_LineStyle.cpp M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_LineStyle.h M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Linear
 M /issm/trunk-jpl/src/c/classes/objects/KML/KML_LinearRing.h M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_MultiGeometry.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KM
 M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Object.cpp M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_Object.h M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Overlay.
 M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Overlay.h M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_Placemark.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Pl
 M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Point.cpp M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_Point.h M /issm/trunk-jpl/src/c/classes/objects/KML/KML_PolyStyle.
 M /issm/trunk-jpl/src/c/classes/objects/KML/KML_PolyStyle.h M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_Polygon.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Polyg
 M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Style.cpp M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_Style.h M /issm/trunk-jpl/src/c/classes/objects/KML/KML_StyleSelect
 M /issm/trunk-jpl/src/c/classes/objects/KML/KML_StyleSelector.h M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_SubStyle.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Sub
 M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Unknown.cpp M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_Unknown.h M /issm/trunk-jpl/src/c/classes/objects/Loads/Friction.cpp
 M /issm/trunk-jpl/src/c/classes/objects/Loads/Icefront.cpp M /issm/trunk-jpl/src/c/classes/objects/Loads/N
 M /issm/trunk-jpl/src/c/classes/objects/Loads/Pengrid.cpp M /issm/trunk-jpl/src/c/classes/objects/Loads/P
 M /issm/trunk-jpl/src/c/classes/objects/Loads/Riftfront.cpp M /issm/trunk-
 jpl/src/c/classes/objects/Materials/Matdamageice.cpp M /issm/trunk-jpl/src/c/classes/objects/Materials/Ma
 M /issm/trunk-jpl/src/c/classes/objects/Materials/Matpar.cpp M /issm/trunk-
 jpl/src/c/classes/objects/Node.cpp M /issm/trunk-jpl/src/c/classes/objects/Options/GenericOption.h
 M /issm/trunk-jpl/src/c/classes/objects/Options/Option.h M /issm/trunk-jpl/src/c/classes/objects/Options/
 M /issm/trunk-jpl/src/c/classes/objects/Options/OptionUtilities.h M /issm/trunk-
 jpl/src/c/classes/objects/Params/BoolParam.cpp M /issm/trunk-jpl/src/c/classes/objects/Params/BoolParam
 M /issm/trunk-jpl/src/c/classes/objects/Params/DataSetParam.cpp M /issm/trunk-
 jpl/src/c/classes/objects/Params/DataSetParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/DoubleM
 M /issm/trunk-jpl/src/c/classes/objects/Params/DoubleMatArrayParam.h M
 /issm/trunk-jpl/src/c/classes/objects/Params/DoubleMatParam.cpp M /issm/trunk-
 jpl/src/c/classes/objects/Params/DoubleMatParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/Doub
 M /issm/trunk-jpl/src/c/classes/objects/Params/DoubleParam.h M /issm/trunk-

jpl/src/c/classes/objects/Params/DoubleTransientMatParam.cpp M /issm/trunk-
 jpl/src/c/classes/objects/Params/DoubleTransientMatParam.h M /issm/trunk-
 jpl/src/c/classes/objects/Params/DoubleVecParam.cpp M /issm/trunk-jpl/src/c/classes/objects/Params/Dou
 M /issm/trunk-jpl/src/c/classes/objects/Params/FileParam.cpp M /issm/trunk-
 jpl/src/c/classes/objects/Params/FileParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/GenericParam
 M /issm/trunk-jpl/src/c/classes/objects/Params/IntMatParam.cpp M /issm/trunk-
 jpl/src/c/classes/objects/Params/IntMatParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/IntParam
 M /issm/trunk-jpl/src/c/classes/objects/Params/IntParam.h M /issm/trunk-
 jpl/src/c/classes/objects/Params/IntVecParam.cpp M /issm/trunk-jpl/src/c/classes/objects/Params/IntVecP
 M /issm/trunk-jpl/src/c/classes/objects/Params/MatrixParam.cpp M /issm/trunk-
 jpl/src/c/classes/objects/Params/MatrixParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/StringArr
 M /issm/trunk-jpl/src/c/classes/objects/Params/StringArrayParam.h M /issm/trunk-
 jpl/src/c/classes/objects/Params/StringParam.cpp M /issm/trunk-jpl/src/c/classes/objects/Params/StringPa
 M /issm/trunk-jpl/src/c/classes/objects/Params/TransientParam.cpp M /issm/trunk-
 jpl/src/c/classes/objects/Params/TransientParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/VectorI
 M /issm/trunk-jpl/src/c/classes/objects/Params/VectorParam.h M /issm/trunk-
 jpl/src/c/classes/objects/Vertex.cpp M /issm/trunk-jpl/src/c/classes/objects/Vertex.h
 M /issm/trunk-jpl/src/c/io/Disk/WriteLockFile.cpp M /issm/trunk-jpl/src/c/io/Disk/pfclose.cpp
 M /issm/trunk-jpl/src/c/io/Disk/pfopen.cpp M /issm/trunk-jpl/src/c/issm.h
 M /issm/trunk-jpl/src/c/modules/AverageOntoPartitionx/AverageOntoPartitionx.cpp
 M /issm/trunk-jpl/src/c/modules/BamgConvertMeshx/BamgConvertMeshx.cpp
 M /issm/trunk-jpl/src/c/modules/BamgTriangulatex/BamgTriangulatex.cpp M
 /issm/trunk-jpl/src/c/modules/Bamgx/Bamgx.cpp M /issm/trunk-jpl/src/c/modules/ComputeBasalStressx/
 M /issm/trunk-jpl/src/c/modules/ComputeStrainRatex/ComputeStrainRatex.cpp
 M /issm/trunk-jpl/src/c/modules/ConfigureObjectsx/ConfigureObjectsx.cpp M
 /issm/trunk-jpl/src/c/modules/ConstraintsStatex/ConstraintsStatex.cpp M /issm/trunk-
 jpl/src/c/modules/ConstraintsStatex/RiftConstraintsState.cpp M /issm/trunk-
 jpl/src/c/modules/ControlInputGetGradientx/ControlInputGetGradientx.cpp M
 /issm/trunk-jpl/src/c/modules/ControlInputScaleGradientx/ControlInputScaleGradientx.cpp
 M /issm/trunk-jpl/src/c/modules/ControlInputSetGradientx/ControlInputSetGradientx.cpp
 M /issm/trunk-jpl/src/c/modules/CreateNodalConstraintsx/CreateNodalConstraintsx.cpp
 M /issm/trunk-jpl/src/c/modules/Delta18oParameterizationx/Delta18oParameterizationx.cpp
 M /issm/trunk-jpl/src/c/modules/DragCoefficientAbsGradientx/DragCoefficientAbsGradientx.cpp
 M /issm/trunk-jpl/src/c/modules/EdgeDetectionx/EdgeDetectionx.cpp M /issm/trunk-
 jpl/src/c/modules/ElementConnectivityx/ElementConnectivityx.cpp M /issm/trunk-
 jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp M /issm/trunk-jpl/src/c/modules/Exp2Kmlx/Exp2K
 M /issm/trunk-jpl/src/c/modules/GetSolutionFromInputsx/GetSolutionFromInputsx.cpp
 M /issm/trunk-jpl/src/c/modules/GetVectorFromControlInputsx/GetVectorFromControlInputsx.cpp
 M /issm/trunk-jpl/src/c/modules/GetVectorFromInputsx/GetVectorFromInputsx.cpp
 M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.cpp
 M /issm/trunk-jpl/src/c/modules/Gradjx/Gradjx.cpp M /issm/trunk-jpl/src/c/modules/GroundinglineMigrat
 M /issm/trunk-jpl/src/c/modules/InputArtificialNoisex/InputArtificialNoisex.cpp
 M /issm/trunk-jpl/src/c/modules/InputControlUpdatex/InputControlUpdatex.cpp
 M /issm/trunk-jpl/src/c/modules/InputConvergencyx/InputConvergencyx.cpp
 M /issm/trunk-jpl/src/c/modules/InputDuplicatex/InputDuplicatex.cpp M /issm/trunk-
 jpl/src/c/modules/InputScalex/InputScalex.cpp M /issm/trunk-jpl/src/c/modules/InputToResultx/InputToR

M /issm/trunk-jpl/src/c/modules/InputUpdateFromConstantx/InputUpdateFromConstantx.cpp
M /issm/trunk-jpl/src/c/modules/InputUpdateFromDakotax/InputUpdateFromDakotax.cpp
M /issm/trunk-jpl/src/c/modules/InputUpdateFromMatrixDakotax/InputUpdateFromMatrixDakotax.cpp
M /issm/trunk-jpl/src/c/modules/InputUpdateFromSolutionx/InputUpdateFromSolutionx.cpp
M /issm/trunk-jpl/src/c/modules/InputUpdateFromVectorDakotax/InputUpdateFromVectorDakotax.cpp
M /issm/trunk-jpl/src/c/modules/InputUpdateFromVectorx/InputUpdateFromVectorx.cpp
M /issm/trunk-jpl/src/c/modules/InterpFromGridToMeshx/InterpFromGridToMeshx.cpp
M /issm/trunk-jpl/src/c/modules/InterpFromMesh2dx/InterpFromMesh2dx.cpp
M /issm/trunk-jpl/src/c/modules/InterpFromMeshToGridx/InterpFromMeshToGridx.cpp
M /issm/trunk-jpl/src/c/modules/InterpFromMeshToMesh2dx/InterpFromMeshToMesh2dx.cpp
M /issm/trunk-jpl/src/c/modules/InterpFromMeshToMesh3dx/InterpFromMeshToMesh3dx.cpp
M /issm/trunk-jpl/src/c/modules/IoModelToConstraintx/IoModelToConstraintx.cpp
M /issm/trunk-jpl/src/c/modules/KMLFileReadx/KMLFileReadx.cpp M /issm/trunk-jpl/src/c/modules/KMLMeshWritex/KMLMeshWritex.cpp M /issm/trunk-jpl/src/c/modules/KMLOverlayx/KMLOverlayx.cpp
M /issm/trunk-jpl/src/c/modules/Kml2Expx/Kml2Expx.cpp M /issm/trunk-jpl/src/c/modules/Krigingx/Krigingx.cpp M /issm/trunk-jpl/src/c/modules/Krigingx/pKrigingx.cpp
M /issm/trunk-jpl/src/c/modules/Ll2yx/Ll2yx.cpp M /issm/trunk-jpl/src/c/modules/MeshPartitionx/MeshPartitionx.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Autodiff/CreateParametersAutodiff.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Balancethickness/CreateLoadsBalancethickness.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Balancethickness/CreateNodesBalancethickness.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Balancethickness/UpdateElementsBalancethickness.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/BedSlope/CreateLoadsBedSlope.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/BedSlope/CreateNodesBedSlope.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/BedSlope/UpdateElementsBedSlope.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Control/CreateParametersControl.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Control/UpdateElementsAndMaterialsControl.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateDataSets.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateElementsVerticesAndMaterials.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateNumberNodeToElementConnectivity.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateSingleNodeToElementConnectivity.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Dakota/CreateParametersDakota.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHoriz/CreateLoadsDiagnosticHoriz.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHoriz/CreateNodesDiagnosticHoriz.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHoriz/UpdateElementsDiagnosticHoriz.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHutter/CreateLoadsDiagnosticHutter.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHutter/CreateNodesDiagnosticHutter.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHutter/UpdateElementsDiagnosticHutter.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticVert/CreateLoadsDiagnosticVert.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticVert/CreateNodesDiagnosticVert.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticVert/UpdateElementsDiagnosticVert.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DistributeNumDofs.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/ElementsAndVerticesPartitioning.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Enthalpy/CreateConstraintsEnthalpy.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Enthalpy/CreateLoadsEnthalpy.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Enthalpy/CreateNodesEnthalpy.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Enthalpy/UpdateElementsEnthalpy.cpp

M /issm/trunk-jpl/src/c/modules/ModelProcessox/Gia/CreateLoadsGia.cpp M
/issm/trunk-jpl/src/c/modules/ModelProcessox/Gia/CreateNodesGia.cpp M /issm/trunk-
jpl/src/c/modules/ModelProcessox/Gia/UpdateElementsGia.cpp M /issm/trunk-
jpl/src/c/modules/ModelProcessox/HydrologyDCEfficient/CreateLoadsHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/HydrologyDCEfficient/CreateNodesHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/HydrologyDCEfficient/CreateParametersHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/HydrologyDCEfficient/UpdateElementsHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/HydrologyDCInefficient/CreateLoadsHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/HydrologyDCInefficient/CreateNodesHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/HydrologyDCInefficient/CreateParametersHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/HydrologyDCInefficient/UpdateElementsHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/HydrologyShreve/CreateLoadsHydrologyShreve.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/HydrologyShreve/CreateNodesHydrologyShreve.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/HydrologyShreve/CreateParametersHydrologyShreve.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/HydrologyShreve/UpdateElementsHydrologyShreve.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/Melting/CreateLoadsMelting.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/Melting/CreateNodesMelting.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/Melting/UpdateElementsMelting.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/ModelProcessox.cpp M /issm/trunk-
jpl/src/c/modules/ModelProcessox/NodesPartitioning.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/NodesPartitioning.h
M /issm/trunk-jpl/src/c/modules/ModelProcessox/Prognostic/CreateNodesPrognostic.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/Prognostic/UpdateElementsPrognostic.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/SortDataSets.cpp M /issm/trunk-
jpl/src/c/modules/ModelProcessox/SurfaceSlope/CreateLoadsSurfaceSlope.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/SurfaceSlope/CreateNodesSurfaceSlope.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/SurfaceSlope/UpdateElementsSurfaceSlope.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/Thermal/CreateLoadsThermal.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/Thermal/CreateNodesThermal.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/Thermal/UpdateElementsThermal.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/Transient/UpdateElementsTransient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/UpdateCounters.cpp M /issm/trunk-
jpl/src/c/modules/NodalValuex/NodalValuex.cpp M /issm/trunk-jpl/src/c/modules/NodeConnectivityx/NodeConnectivityx.h
M /issm/trunk-jpl/src/c/modules/NodesDofx/NodesDofx.cpp M /issm/trunk-
jpl/src/c/modules/Orthx/Orthx.h M /issm/trunk-jpl/src/c/modules/OutputRiftsx/OutputRiftsx.cpp
M /issm/trunk-jpl/src/c/modules/ParseToolkitsOptionsx/ParseToolkitsOptionsx.cpp
M /issm/trunk-jpl/src/c/modules/PositiveDegreeDayx/PositiveDegreeDayx.cpp
M /issm/trunk-jpl/src/c/modules/PropagateFlagsFromConnectivityx/PropagateFlagsFromConnectivityx.cpp
M /issm/trunk-jpl/src/c/modules/ResetConstraintsx/ResetConstraintsx.cpp M /issm/trunk-
jpl/src/c/modules/ResetCoordinateSystemx/ResetCoordinateSystemx.cpp
M /issm/trunk-jpl/src/c/modules/RheologyBbarAbsGradientx/RheologyBbarAbsGradientx.cpp
M /issm/trunk-jpl/src/c/modules/SetControlInputsFromVectorx/SetControlInputsFromVectorx.cpp
M /issm/trunk-jpl/src/c/modules/Shp2Exp/Exp2Shp.cpp M /issm/trunk-jpl/src/c/modules/Shp2Kmlx/Shp2Kmlx.cpp
M /issm/trunk-jpl/src/c/modules/SmbGradientsx/SmbGradientsx.cpp M /issm/trunk-
jpl/src/c/modules/SpcNodesx/SpcNodesx.cpp M /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp
M /issm/trunk-jpl/src/c/modules/SurfaceAbsVelMisfitx/SurfaceAbsVelMisfitx.cpp
M /issm/trunk-jpl/src/c/modules/SurfaceAreax/SurfaceAreax.cpp M /issm/trunk-

jpl/src/c/modules/SurfaceAverageVelMisfitx/SurfaceAverageVelMisfitx.cpp M
/issm/trunk-jpl/src/c/modules/SurfaceLogVelMisfitx/SurfaceLogVelMisfitx.cpp
M /issm/trunk-jpl/src/c/modules/SurfaceLogVxVyMisfitx/SurfaceLogVxVyMisfitx.cpp
M /issm/trunk-jpl/src/c/modules/SurfaceRelVelMisfitx/SurfaceRelVelMisfitx.cpp
M /issm/trunk-jpl/src/c/modules/ThicknessAbsMisfitx/ThicknessAbsMisfitx.cpp
M /issm/trunk-jpl/src/c/modules/ThicknessAcrossGradientx/ThicknessAcrossGradientx.cpp
M /issm/trunk-jpl/src/c/modules/ThicknessAlongGradientx/ThicknessAlongGradientx.cpp
M /issm/trunk-jpl/src/c/modules/TriMeshProcessRiftsx/TriMeshProcessRiftsx.cpp
M /issm/trunk-jpl/src/c/modules/TriMeshx/TriMeshx.cpp M /issm/trunk-jpl/src/c/modules/TriaSearchx/Tr
M /issm/trunk-jpl/src/c/modules/UpdateDynamicConstraintsx/UpdateDynamicConstraintsx.cpp
M /issm/trunk-jpl/src/c/modules/VecMergex/VecMergex.cpp M /issm/trunk-
jpl/src/c/modules/VertexCoordinatesx/VertexCoordinatesx.cpp M /issm/trunk-
jpl/src/c/modules/VerticesDofx/VerticesDofx.cpp M /issm/trunk-jpl/src/c/modules/Xy2llx/Xy2llx.cpp
M /issm/trunk-jpl/src/c/shared/Exceptions/Exceptions.cpp M /issm/trunk-jpl/src/c/shared/Exp/ExpWrite.c
M /issm/trunk-jpl/src/c/shared/Matrix/MatrixUtils.cpp M /issm/trunk-jpl/src/c/shared/Numerics/BrentSea
M /issm/trunk-jpl/src/c/shared/Numerics/GaussPoints.cpp M /issm/trunk-jpl/src/c/shared/Numerics/Optim
M /issm/trunk-jpl/src/c/shared/Numerics/XZvectorsToCoordinateSystem.cpp
M /issm/trunk-jpl/src/c/shared/Numerics/isnan.cpp M /issm/trunk-jpl/src/c/shared/Threads/LaunchThread
M /issm/trunk-jpl/src/c/shared/TriMesh/TriMeshUtils.cpp M /issm/trunk-jpl/src/c/solutions/AdjointCorePo
M /issm/trunk-jpl/src/c/solutions/AnalysisConfiguration.cpp M /issm/trunk-
jpl/src/c/solutions/CorePointerFromSolutionEnum.cpp M /issm/trunk-jpl/src/c/solutions/DakotaSpawnCore
M /issm/trunk-jpl/src/c/solutions/EnvironmentFinalize.cpp M /issm/trunk-jpl/src/c/solutions/EnvironmentI
M /issm/trunk-jpl/src/c/solutions/ProcessArguments.cpp M /issm/trunk-jpl/src/c/solutions/WrapperCorePo
M /issm/trunk-jpl/src/c/solutions/ad_core.cpp M /issm/trunk-jpl/src/c/solutions/adjointbalancethickness_cor
M /issm/trunk-jpl/src/c/solutions/adjointdiagnostic_core.cpp M /issm/trunk-
jpl/src/c/solutions/balancethickness_core.cpp M /issm/trunk-jpl/src/c/solutions/control_core.cpp
M /issm/trunk-jpl/src/c/solutions/controlconvergence.cpp M /issm/trunk-jpl/src/c/solutions/controltao_core.
M /issm/trunk-jpl/src/c/solutions/dakota_core.cpp M /issm/trunk-jpl/src/c/solutions/diagnostic_core.cpp
M /issm/trunk-jpl/src/c/solutions/dummy_core.cpp M /issm/trunk-jpl/src/c/solutions/enthalpy_core.cpp
M /issm/trunk-jpl/src/c/solutions/gradient_core.cpp M /issm/trunk-jpl/src/c/solutions/hydrology_core.cpp
M /issm/trunk-jpl/src/c/solutions/objectivefunction.cpp M /issm/trunk-jpl/src/c/solutions/steadystate_core.c
M /issm/trunk-jpl/src/c/solutions/steadystateconvergence.cpp M /issm/trunk-
jpl/src/c/solutions/thermal_core.cpp M /issm/trunk-jpl/src/c/solutions/transient_core.cpp
M /issm/trunk-jpl/src/c/toolkits/gsl/DenseGslSolve.cpp M /issm/trunk-jpl/src/c/toolkits/issm/IssmSolver.cp
M /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscVec.h M /issm/trunk-jpl/src/c/toolkits/petsc/patches/N
M /issm/trunk-jpl/src/c/toolkits/petsc/patches/PetscOptionsDetermineSolverType.cpp
M /issm/trunk-jpl/src/c/toolkits/petsc/patches/PetscOptionsInsertMultipleString.cpp
M /issm/trunk-jpl/src/c/toolkits/petsc/patches/VecMerge.cpp M /issm/trunk-
jpl/src/c/toolkits/plapack/patches/PlapackInvertMatrix.cpp M /issm/trunk-jpl/src/wrappers/ContourToMes
M /issm/trunk-jpl/src/wrappers/EdgeDetection/EdgeDetection.h M /issm/trunk-
jpl/src/wrappers/ElementConnectivity/ElementConnectivity.h M /issm/trunk-
jpl/src/wrappers/InterpFromMeshToMesh2d/InterpFromMeshToMesh2d.h M /issm/trunk-
jpl/src/wrappers/NodeConnectivity/NodeConnectivity.h M /issm/trunk-jpl/src/wrappers/TriMesh/TriMesh.h
M /issm/trunk-jpl/src/wrappers/matlab/io/MatlabNArrayToNArray.cpp M /issm/trunk-
jpl/src/wrappers/matlab/io/matlabio.h M /issm/trunk-jpl/src/wrappers/python/io/CheckNumPythonArgum
M /issm/trunk-jpl/src/wrappers/python/io/FetchPythonData.cpp M /issm/trunk-

jpl/src/wrappers/python/io/WritePythonData.cpp M /issm/trunk-jpl/src/wrappers/python/io/pythonio.h
Export determination: 6.
Rationale: CHG: got rid of the include/include.h headere file, finally :)

Change #603 with diff file ISSM-14918-14919.diff:

Function name:
D /issm/trunk-jpl/src/c/include/include.h
Export determination: 6.
Rationale: CHG: not needed anymore

Change #604 with diff file ISSM-14919-14920.diff:

Function name:
M /issm/trunk-jpl/src/c/Makefile.am A /issm/trunk-jpl/src/c/issm.cpp (from
/issm/trunk-jpl/src/c/solutions/issm.cpp:14913) A /issm/trunk-jpl/src/c/kriging.cpp
(from /issm/trunk-jpl/src/c/solutions/kriging.cpp:14913) D /issm/trunk-jpl/src/c/solutions/issm.cpp
D /issm/trunk-jpl/src/c/solutions/kriging.cpp
Export determination: 6.
Rationale: CHG: moved issm and kriging up a level to src/c/

Change #605 with diff file ISSM-14920-14921.diff:

Function name:
M /issm/trunk-jpl/src/c/shared/Exceptions/exceptions.h
Export determination: 6.
Rationale: CHG: cosmetics, removed double blank lines

Change #606 with diff file ISSM-14921-14922.diff:

Function name:
M /issm/trunk-jpl/src/c/Makefile.am D /issm/trunk-jpl/src/c/issm.cpp D /issm/trunk-
jpl/src/c/issm.h D /issm/trunk-jpl/src/c/kriging.cpp A /issm/trunk-jpl/src/c/main
A /issm/trunk-jpl/src/c/main/issm.cpp (from /issm/trunk-jpl/src/c/issm.cpp:14920)
A /issm/trunk-jpl/src/c/main/issm.h (from /issm/trunk-jpl/src/c/issm.h:14920)
A /issm/trunk-jpl/src/c/main/kriging.cpp (from /issm/trunk-jpl/src/c/kriging.cpp:14920)
Export determination: 6.
Rationale: CHG: moved issm.cpp in src/c/main (same for kriging)

Change #607 with diff file ISSM-14922-14923.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Bucket.h

Export determination: 6.

Rationale: BUG: replaced = by == in Echo()

Change #608 with diff file ISSM-14923-14924.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp

Export determination: 6.

Rationale: FIX: fixed problem in grounding line portion

Change #609 with diff file ISSM-14924-14925.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test2001.py

Export determination: 6.

Rationale: CHG: updated with GiadWdt field.value

Change #610 with diff file ISSM-14925-14926.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test2001.py

Export determination: 6.

Rationale: CHG: updated with GiadWdt field.value, reading .py file

Change #611 with diff file ISSM-14926-14927.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Numerics/isnan.h

Export determination: 6.

Rationale: CHG: missing header file

Change #612 with diff file ISSM-14927-14928.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Numerics/recast.h
Export determination: 6.
Rationale: CHG: missing header file

Change #613 with diff file ISSM-14928-14929.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp M /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp M /issm/trunk-jpl/src/c/solutions/hydrology_core.cpp M /issm/trunk-jpl/src/c/solvers/solver_hydro_nonlinear.cpp

Export determination: 6.

Rationale: CHG: Computation of the residual for the inefficient hydrological drainage system

Change #614 with diff file ISSM-14929-14930.diff:

Function name:

A /issm/trunk-jpl/configs/config-pleiades-petsc3.2.sh (from /issm/trunk-jpl/configs/config-pleiades.sh:14921) M /issm/trunk-jpl/configs/config-pleiades-petsc3.3.sh D /issm/trunk-jpl/configs/config-pleiades.sh

Export determination: 6.

Rationale: CHG: moved config-pleiades.sh to config-pleiades-petsc3.2.sh and fixed some stuff in config-pleiades-petsc3.3.sh

Change #615 with diff file ISSM-14930-14931.diff:

Function name:

M /issm/trunk-jpl/externalpackages/petsc/install-3.3-pleiades.sh

Export determination: 6.

Rationale: CHG: updated compiler

Change #616 with diff file ISSM-14931-14932.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/pfe.m

Export determination: 6.

Rationale: CHG: Updated all modules used by pfe, the following should now be used: module load comp-intel/2013.1.117 module load mpi-mpi/2.06rp16

module load math/intel_mkl_64_10.0.011 make sure to update your cshrc, re-compile PETSc (tao), and ISSM.

Change #617 with diff file ISSM-14932-14933.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/dakota/DakotaPlugin.cpp M /issm/trunk-jpl/src/c/modules/Scotchx/Scotchx

Export determination: 6.

Rationale: BUG: need to use std::string

Change #618 with diff file ISSM-14933-14934.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/toolkits.py

Export determination: 6.

Rationale: BUG: ispetsc needs to be included

Change #619 with diff file ISSM-14934-14935.diff:

Function name:

M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEn

A /issm/trunk-jpl/src/m/enum/SedimentHeadResidualEnum.m

Export determination: 6.

Rationale: CHG: Sync Enums

Change #620 with diff file ISSM-14935-14936.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/UpdateElementsHydrologyDCEffi

M /issm/trunk-jpl/src/c/solutions/hydrology_core.cpp

Export determination: 6.

Rationale: BUG: adding the epl solution to the results

Change #621 with diff file ISSM-14936-14937.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/matdamageice.py M /issm/trunk-jpl/src/m/classes/matice.py

Export determination: 6.

Rationale: CHG: syncing python and matlab's materials

Change #622 with diff file ISSM-14937-14938.diff:

Function name:

M /issm/trunk-jpl/src/c/io/Print/PrintfFunction.cpp

Export determination: 6.

Rationale: CHG: added missing include because my gcc complains about: ./io/Print/PrintfFunction.cpp:

In function int PrintfFunction(const char*, ...): ./io/Print/PrintfFunction.cpp:40:

error: vsnprintf was not declared in this scope ./io/Print/PrintfFunction.cpp: In

function int PrintfFunction(const std::string&): ./io/Print/PrintfFunction.cpp:72:

error: printf was not declared in this scope ./io/Print/PrintfFunction.cpp: In

function int PrintfFunction2(const std::string&): ./io/Print/PrintfFunction.cpp:84:

error: printf was not declared in this scope

Change #623 with diff file ISSM-14938-14939.diff:

Function name:

A /issm/trunk-jpl/scripts/vie M /issm/trunk-jpl/scripts/vil

Export determination: 6.

Rationale: NEW: added vie and made it more flexible

Change #624 with diff file ISSM-14939-14940.diff:

Function name:

M /issm/trunk-jpl/src/c/solvers/solver_newton.cpp M /issm/trunk-jpl/src/c/solvers/solver_stokescoupling_nor

Export determination: 6.

Rationale: BUG: fixed some segfaults due to xdelete -i delete

Change #625 with diff file ISSM-14940-14941.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive423.nc

Export determination: 6.

Rationale: FIX: updated archive for GL subelement

Change #626 with diff file ISSM-14941-14942.diff:

Function name:
M /issm/trunk-jpl/src/c/toolkits/mpi/patches/mpipatches.h
Export determination: 6.
Rationale: CHG: missing comm.h include file

Change #627 with diff file ISSM-14942-14943.diff:
Function name:
A /issm/trunk-jpl/test/NightlyRun/test3021.m
Export determination: 6.
Rationale: CHG: new adolc test

Change #628 with diff file ISSM-14943-14944.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test3021.m
Export determination: 6.
Rationale: CHG: new adolc test

Change #629 with diff file ISSM-14944-14945.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test3021.m
Export determination: 6.
Rationale: CHG: new adolc test

Change #630 with diff file ISSM-14945-14946.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test3021.m
Export determination: 6.
Rationale: CHG: test3021 working

Change #631 with diff file ISSM-14946-14947.diff:
Function name:
A /issm/trunk-jpl/test/NightlyRun/test2081.m A /issm/trunk-jpl/test/NightlyRun/test2082.m
A /issm/trunk-jpl/test/NightlyRun/test2083.m

Export determination: 6.

Rationale: NEW: three gia benchmark tests added for elliptical-edged loading

Change #632 with diff file ISSM-14947-14948.diff:

Function name:

A /issm/trunk-jpl/test/Archives/Archive2081.nc A /issm/trunk-jpl/test/Archives/Archive2082.nc

A /issm/trunk-jpl/test/Archives/Archive2083.nc

Export determination: 6.

Rationale: NEW: associated archives

Change #633 with diff file ISSM-14948-14949.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am D /issm/trunk-jpl/src/c/include A /issm/trunk-jpl/src/c/main/globals.h (from /issm/trunk-jpl/src/c/include/globals.h:14941)

M /issm/trunk-jpl/src/c/main/issm.h M /issm/trunk-jpl/src/wrappers/AverageFilter/AverageFilter.h

M /issm/trunk-jpl/src/wrappers/BamgConvertMesh/BamgConvertMesh.h M /issm/trunk-

jpl/src/wrappers/BamgMesher/BamgMesher.h M /issm/trunk-jpl/src/wrappers/BamgTriangulate/BamgTriangulate.h

M /issm/trunk-jpl/src/wrappers/Chaco/Chaco.h M /issm/trunk-jpl/src/wrappers/ContourToMesh/ContourToMesh.h

M /issm/trunk-jpl/src/wrappers/ContourToNodes/ContourToNodes.h M /issm/trunk-

jpl/src/wrappers/EdgeDetection/EdgeDetection.h M /issm/trunk-jpl/src/wrappers/ElementConnectivity/ElementConnectivity.h

M /issm/trunk-jpl/src/wrappers/EnumToString/EnumToString.h M /issm/trunk-

jpl/src/wrappers/Exp2Kml/Exp2Kml.h M /issm/trunk-jpl/src/wrappers/ExpSimplify/ExpSimplify.h

M /issm/trunk-jpl/src/wrappers/HoleFiller/HoleFiller.h M /issm/trunk-jpl/src/wrappers/InternalFront/InternalFront.h

M /issm/trunk-jpl/src/wrappers/InterpFromGridToMesh/InterpFromGridToMesh.h

M /issm/trunk-jpl/src/wrappers/InterpFromMesh2d/InterpFromMesh2d.h M /issm/trunk-

jpl/src/wrappers/InterpFromMeshToGrid/InterpFromMeshToGrid.h M /issm/trunk-

jpl/src/wrappers/InterpFromMeshToMesh2d/InterpFromMeshToMesh2d.h M /issm/trunk-

jpl/src/wrappers/InterpFromMeshToMesh3d/InterpFromMeshToMesh3d.h M /issm/trunk-

jpl/src/wrappers/KMLFileRead/KMLFileRead.h M /issm/trunk-jpl/src/wrappers/KMLMeshWrite/KMLMeshWrite.h

M /issm/trunk-jpl/src/wrappers/KMLOverlay/KMLOverlay.h M /issm/trunk-

jpl/src/wrappers/Kml2Exp/Kml2Exp.h M /issm/trunk-jpl/src/wrappers/Kriging/Kriging.h

M /issm/trunk-jpl/src/wrappers/Ll2xy/Ll2xy.h M /issm/trunk-jpl/src/wrappers/MeshPartition/MeshPartition.h

M /issm/trunk-jpl/src/wrappers/MeshProfileIntersection/MeshProfileIntersection.h

M /issm/trunk-jpl/src/wrappers/NodeConnectivity/NodeConnectivity.h M /issm/trunk-

jpl/src/wrappers/PointCloudFindNeighbors/PointCloudFindNeighbors.h M /issm/trunk-

jpl/src/wrappers/PropagateFlagsFromConnectivity/PropagateFlagsFromConnectivity.h

M /issm/trunk-jpl/src/wrappers/Scotch/Scotch.h M /issm/trunk-jpl/src/wrappers/Shp2Exp/Shp2Exp.h

M /issm/trunk-jpl/src/wrappers/Shp2Kml/Shp2Kml.h M /issm/trunk-jpl/src/wrappers/StringToEnum/StringToEnum.h

M /issm/trunk-jpl/src/wrappers/TriMesh/TriMesh.h M /issm/trunk-jpl/src/wrappers/TriMeshProcessRifts/TriMeshProcessRifts.h

M /issm/trunk-jpl/src/wrappers/TriaSearch/TriaSearch.h M /issm/trunk-jpl/src/wrappers/Xy2ll/Xy2ll.h

M /issm/trunk-jpl/test/NightlyRun/test101.m M /issm/trunk-jpl/test/NightlyRun/test3001.m

Export determination: 6.

Rationale: CHG: moved globals.h into src/c/main, where it makes more sense,
as it's only used to build wrappers or the main issm.exe and krigging.exe

Change #634 with diff file ISSM-14949-14950.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/bamg/BamgVertex.cpp
M /issm/trunk-jpl/src/c/classes/bamg/ListofIntersectionTriangles.cpp M /issm/trunk-
jpl/src/c/classes/bamg/Mesh.cpp M /issm/trunk-jpl/src/c/classes/bamg/Triangle.cpp
A /issm/trunk-jpl/src/c/classes/bamg/det.h (from /issm/trunk-jpl/src/c/shared/Bamg/det.h:14947)
M /issm/trunk-jpl/src/c/shared/Bamg/BigPrimeNumber.cpp M /issm/trunk-
jpl/src/c/shared/Bamg/BigPrimeNumber.h M /issm/trunk-jpl/src/c/shared/Bamg/HeapSort.h
M /issm/trunk-jpl/src/c/shared/Bamg/OppositeAngle.h D /issm/trunk-jpl/src/c/shared/Bamg/det.h
M /issm/trunk-jpl/src/c/shared/Bamg/shared.h

Export determination: 6.

Rationale: CHG: moved det.h from shared/Bamg to classes/bamg and untied
shared/Bamg from classes.h

Change #635 with diff file ISSM-14950-14951.diff:

Function name:

M /issm/trunk-jpl/src/c/Container/DataSet.cpp M /issm/trunk-jpl/src/c/Container/Observations.cpp
M /issm/trunk-jpl/src/c/Container/Options.cpp M /issm/trunk-jpl/src/c/Makefile.am
M /issm/trunk-jpl/src/c/classes/DofIndexing.cpp M /issm/trunk-jpl/src/c/classes/FemModel.cpp
M /issm/trunk-jpl/src/c/classes/IoModel.cpp M /issm/trunk-jpl/src/c/classes/Patch.cpp
M /issm/trunk-jpl/src/c/classes/bamg/BamgGeom.cpp M /issm/trunk-jpl/src/c/classes/bamg/BamgMesh.cp
M /issm/trunk-jpl/src/c/classes/bamg/BamgOpts.cpp M /issm/trunk-jpl/src/c/classes/bamg/Edge.cpp
M /issm/trunk-jpl/src/c/classes/bamg/EigenMetric.cpp M /issm/trunk-jpl/src/c/classes/bamg/Metric.cpp
M /issm/trunk-jpl/src/c/classes/gauss/GaussPenta.cpp M /issm/trunk-jpl/src/c/classes/gauss/GaussTria.cpp
M /issm/trunk-jpl/src/c/classes/objects/Contour.h M /issm/trunk-jpl/src/c/classes/objects/ExternalResults/
M /issm/trunk-jpl/src/c/classes/objects/KML/KMLFileReadUtils.cpp M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_Attribute.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML.Col
M /issm/trunk-jpl/src/c/classes/objects/KML/KML.Comment.cpp M /issm/trunk-
jpl/src/c/classes/objects/KML/KML.Container.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML.Do
M /issm/trunk-jpl/src/c/classes/objects/KML/KML.Feature.cpp M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_File.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML.Folder.cp
M /issm/trunk-jpl/src/c/classes/objects/KML/KML.Geometry.cpp M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_GroundOverlay.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KM
M /issm/trunk-jpl/src/c/classes/objects/KML/KML.LatLonBox.cpp M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_LineString.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML.Lin

M /issm/trunk-jpl/src/c/classes/objects/KML/KML_LinearRing.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_MultiGeometry.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_MultiPoint.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Overlay.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Placemark.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Polygon.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_PolyStyle.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_StyleSelector.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_SubStyle.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Unk.cpp M /issm/trunk-jpl/src/c/classes/objects/Options/GenericOption.h D /issm/trunk-jpl/src/c/io M /issm/trunk-jpl/src/c/main/globals.h M /issm/trunk-jpl/src/c/modules/ConfigureObjectsx/ConfigureObjectsx.cpp M /issm/trunk-jpl/src/c/modules/ConstraintsStatex/ConstraintsStatex.cpp M /issm/trunk-jpl/src/c/modules/ConstraintsStatex/RiftConstraintsState.cpp M /issm/trunk-jpl/src/c/modules/Delta18oParameterizationx/Delta18oParameterizationx.cpp M /issm/trunk-jpl/src/c/modules/EdgeDetectionx/EdgeDetectionx.cpp M /issm/trunk-jpl/src/c/modules/Exp2Kmlx/Exp2Kmlx.cpp M /issm/trunk-jpl/src/c/modules/GroundinglineMigrationx/GroundinglineMigrationx.cpp M /issm/trunk-jpl/src/c/modules/InputConvergenx/InputConvergenx.cpp M /issm/trunk-jpl/src/c/modules/InterpFromGridToMeshx/InterpFromGridToMeshx.cpp M /issm/trunk-jpl/src/c/modules/IoModelToConstraintsx/IoModelToConstraintsx.cpp M /issm/trunk-jpl/src/c/modules/KMLFileReadx/KMLFileReadx.cpp M /issm/trunk-jpl/src/c/modules/KMLMeshWritex/KMLMeshWritex.cpp M /issm/trunk-jpl/src/c/modules/KMLOverlayx/KMLOverlayx.cpp M /issm/trunk-jpl/src/c/modules/Kml2Expx/Kml2Expx.cpp M /issm/trunk-jpl/src/c/modules/Krigingx/pKrigingx.cpp M /issm/trunk-jpl/src/c/modules/Ll2xyx/Ll2xyx.cpp M /issm/trunk-jpl/src/c/modules/Mergesolutionfromftogx/Mergesolutionfromftogx.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/Autodiff/CreateParametersAutodiff.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/Balancethickness/CreateConstraintsBalancethickness.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/Balancethickness/CreateLoadsBalancethickness.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/Balancethickness/CreateNodesBalancethickness.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/Balancethickness/UpdateElementsBalancethickness.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/BedSlope/CreateConstraintsBedSlope.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/BedSlope/CreateLoadsBedSlope.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/BedSlope/CreateNodesBedSlope.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/BedSlope/UpdateElementsBedSlope.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/Control/CreateParametersControl.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/Control/UpdateElementsAndMaterialsControl.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/CreateElementsVerticesAndMaterials.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/CreateNumberNodeToElementConnectivity.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/CreateParameters.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/CreateSingleNodeToElementConnectivity.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/Dakota/CreateParametersDakota.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/DiagnosticHoriz/CreateConstraintsDiagnosticHoriz.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/DiagnosticHoriz/CreateLoadsDiagnosticHoriz.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/DiagnosticHoriz/CreateNodesDiagnosticHoriz.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/DiagnosticHoriz/UpdateElementsDiagnosticHoriz.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/DiagnosticHutter/CreateConstraintsDiagnosticHutter.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/DiagnosticHutter/CreateLoadsDiagnosticHutter.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessox/DiagnosticHutter/CreateNodesDiagnosticHutter.cpp

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHutter/UpdateElementsDiagnosticHutter.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticVert/CreateConstraintsDiagnosticVert.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticVert/CreateLoadsDiagnosticVert.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticVert/CreateNodesDiagnosticVert.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticVert/UpdateElementsDiagnosticVert.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/ElementsAndVerticesPartitioning.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Enthalpy/CreateConstraintsEnthalpy.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Enthalpy/CreateLoadsEnthalpy.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Enthalpy/CreateNodesEnthalpy.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Enthalpy/UpdateElementsEnthalpy.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Gia/CreateConstraintsGia.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Gia/CreateLoadsGia.cpp M /issm/trunk-
jpl/src/c/modules/ModelProcessorx/Gia/CreateNodesGia.cpp M /issm/trunk-
jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/CreateConstraintsHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/CreateLoadsHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/CreateNodesHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/CreateParametersHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/UpdateElementsHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/CreateConstraintsHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/CreateLoadsHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/CreateNodesHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/CreateParametersHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/UpdateElementsHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyShreve/CreateConstraintsHydrologyShreve.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyShreve/CreateLoadsHydrologyShreve.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyShreve/CreateNodesHydrologyShreve.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyShreve/CreateParametersHydrologyShreve.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyShreve/UpdateElementsHydrologyShreve.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Melting/CreateConstraintsMelting.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Melting/CreateLoadsMelting.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Melting/CreateNodesMelting.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Melting/UpdateElementsMelting.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/ModelProcessorx.cpp M /issm/trunk-
jpl/src/c/modules/ModelProcessorx/ModelProcessorx.h M /issm/trunk-jpl/src/c/modules/ModelProcessorx/
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Prognostic/CreateConstraintsPrognostic.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Prognostic/CreateLoadsPrognostic.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Prognostic/CreateNodesPrognostic.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Prognostic/UpdateElementsPrognostic.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/SurfaceSlope/CreateConstraintsSurfaceSlope.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/SurfaceSlope/CreateLoadsSurfaceSlope.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/SurfaceSlope/CreateNodesSurfaceSlope.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/SurfaceSlope/UpdateElementsSurfaceSlope.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Thermal/CreateConstraintsThermal.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Thermal/CreateLoadsThermal.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Thermal/CreateNodesThermal.cpp

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Thermal/UpdateElementsThermal.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Transient/UpdateElementsTransient.cpp
M /issm/trunk-jpl/src/c/modules/OutputResultsx/OutputResultsx.cpp M /issm/trunk-jpl/src/c/modules/ParseToolkitsOptionsx/ParseToolkitsOptionsx.cpp M /issm/trunk-jpl/src/c/modules/PositiveDegreeDayx/PositiveDegreeDayx.cpp M /issm/trunk-jpl/src/c/modules/Reduceloadx/Reduceloadx.cpp M /issm/trunk-jpl/src/c/modules/ResetConstraintsx/Reset
M /issm/trunk-jpl/src/c/modules/Shp2Expx/Shp2Expx.cpp M /issm/trunk-jpl/src/c/modules/Shp2Kmlx/Shp2Kmlx.cpp
M /issm/trunk-jpl/src/c/modules/SmbGradientsx/SmbGradientsx.cpp M /issm/trunk-jpl/src/c/modules/TriMeshx/TriMeshx.cpp M /issm/trunk-jpl/src/c/modules/Xy2llx/Xy2llx.cpp
M /issm/trunk-jpl/src/c/shared/Matrix/MatrixUtils.cpp M /issm/trunk-jpl/src/c/shared/Numerics/BrentSearch.cpp
M /issm/trunk-jpl/src/c/shared/Numerics/OptimalSearch.cpp A /issm/trunk-jpl/src/c/shared/io (from /issm/trunk-jpl/src/c/io:14945) M /issm/trunk-jpl/src/c/shared/io/Comm/IssmComm.cpp
M /issm/trunk-jpl/src/c/shared/io/Disk/WriteLockFile.cpp M /issm/trunk-jpl/src/c/shared/io/Disk/pfclose.cpp
M /issm/trunk-jpl/src/c/shared/io/Disk/pfopen.cpp M /issm/trunk-jpl/src/c/shared/io/Print/PrintfFunction.cpp
M /issm/trunk-jpl/src/c/solutions/DakotaSpawnCore.cpp M /issm/trunk-jpl/src/c/solutions/ResetBoundaryConditions.cpp
M /issm/trunk-jpl/src/c/solutions/ad_core.cpp M /issm/trunk-jpl/src/c/solutions/adjointbalancethickness_core.cpp
M /issm/trunk-jpl/src/c/solutions/adjointdiagnostic_core.cpp M /issm/trunk-jpl/src/c/solutions/balancethickness_core.cpp M /issm/trunk-jpl/src/c/solutions/bedslope_core.cpp
M /issm/trunk-jpl/src/c/solutions/control_core.cpp M /issm/trunk-jpl/src/c/solutions/controlconvergence_core.cpp
M /issm/trunk-jpl/src/c/solutions/controltao_core.cpp M /issm/trunk-jpl/src/c/solutions/convergence_core.cpp
M /issm/trunk-jpl/src/c/solutions/dakota_core.cpp M /issm/trunk-jpl/src/c/solutions/diagnostic_core.cpp
M /issm/trunk-jpl/src/c/solutions/dummy_core.cpp M /issm/trunk-jpl/src/c/solutions/enthalpy_core.cpp
M /issm/trunk-jpl/src/c/solutions/gia_core.cpp M /issm/trunk-jpl/src/c/solutions/gradient_core.cpp
M /issm/trunk-jpl/src/c/solutions/hydrology_core.cpp M /issm/trunk-jpl/src/c/solutions/prognostic_core.cpp
M /issm/trunk-jpl/src/c/solutions/solutions.h M /issm/trunk-jpl/src/c/solutions/steadystate_core.cpp
M /issm/trunk-jpl/src/c/solutions/surfaceslope_core.cpp M /issm/trunk-jpl/src/c/solutions/thermal_core.cpp
M /issm/trunk-jpl/src/c/solutions/transient_core.cpp M /issm/trunk-jpl/src/c/solvers/solver_hydro_nonlinear.cpp
M /issm/trunk-jpl/src/c/solvers/solver_newton.cpp M /issm/trunk-jpl/src/c/solvers/solver_nonlinear.cpp
M /issm/trunk-jpl/src/c/solvers/solver_stokescoupling_nonlinear.cpp M /issm/trunk-jpl/src/c/solvers/solver_thermal_nonlinear.cpp M /issm/trunk-jpl/src/c/solvers/solvers.h
M /issm/trunk-jpl/src/c/toolkits/gsl/DenseGslSolve.cpp M /issm/trunk-jpl/src/c/toolkits/issm/IssmDenseMatrix.cpp
M /issm/trunk-jpl/src/c/toolkits/issm/IssmMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMatrix.cpp
M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiVec.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmSeqVec.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmSolver.cpp M /issm/trunk-jpl/src/c/toolkits/issm/IssmToolkitUtils.cpp
M /issm/trunk-jpl/src/c/toolkits/mpi/patches/GetOwnershipBoundariesFromRange.cpp
M /issm/trunk-jpl/src/c/toolkits/mpi/patches/mpipatches.h M /issm/trunk-jpl/src/c/toolkits/mumps/MpiDenseMumpsSolve.cpp M /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscSolve.cpp
M /issm/trunk-jpl/src/c/toolkits/petsc/patches/petscpatches.h M /issm/trunk-jpl/src/wrappers/BamgConvertMesh/BamgConvertMesh.h M /issm/trunk-jpl/src/wrappers/ContourToMesh/ContourToMesh.h
M /issm/trunk-jpl/src/wrappers/EdgeDetection/EdgeDetection.h M /issm/trunk-jpl/src/wrappers/ElementConnectivity/ElementConnectivity.h M /issm/trunk-jpl/src/wrappers/InternalFront/InternalFront.h M /issm/trunk-jpl/src/wrappers/InterpFromMeshToMesh2d/InterpFromMeshToMesh2d.h
M /issm/trunk-jpl/src/wrappers/NodeConnectivity/NodeConnectivity.h M /issm/trunk-jpl/src/wrappers/TriMesh/TriMesh.h M /issm/trunk-jpl/src/wrappers/matlab/io/OptionParse.cpp
Export determination: 6.
Rationale: CHG: moved io to shared/io

Change #636 with diff file ISSM-14951-14952.diff:

Function name:

M /issm/trunk-jpl/src/c/Container/Elements.cpp M /issm/trunk-jpl/src/c/Container/Inputs.cpp
M /issm/trunk-jpl/src/c/Container/Inputs.h M /issm/trunk-jpl/src/c/Container/Loads.cpp
M /issm/trunk-jpl/src/c/Container/Materials.cpp M /issm/trunk-jpl/src/c/Container/Nodes.cpp
M /issm/trunk-jpl/src/c/Container/Parameters.cpp M /issm/trunk-jpl/src/c/Container/Results.cpp
M /issm/trunk-jpl/src/c/Container/Vertices.cpp M /issm/trunk-jpl/src/c/Makefile.am
M /issm/trunk-jpl/src/c/classes/objects/Elements/Element.h M /issm/trunk-jpl/src/c/classes/objects/Elements/PentaRef.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/BoolInput.h
M /issm/trunk-jpl/src/c/classes/objects/Inputs/ControlInput.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/DatasetInput.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/DoubleInput.h
M /issm/trunk-jpl/src/c/classes/objects/Inputs/Input.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/IntInput.h
M /issm/trunk-jpl/src/c/classes/objects/Inputs/PentaP1Input.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/TransientInput.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/TriaP1Input.h
M /issm/trunk-jpl/src/c/classes/objects/Loads/Friction.h M /issm/trunk-jpl/src/c/classes/objects/Loads/Load.h
M /issm/trunk-jpl/src/c/classes/objects/Materials/Material.h M /issm/trunk-jpl/src/c/classes/objects/Node.cpp M /issm/trunk-jpl/src/c/classes/objects/Node.h
M /issm/trunk-jpl/src/c/classes/objects/Profiler.cpp M /issm/trunk-jpl/src/c/classes/objects/Vertex.cpp
M /issm/trunk-jpl/src/c/classes/objects/Vertex.h M /issm/trunk-jpl/src/c/modules/ConfigureObjectsx/ConfigureObjectsx.cpp
M /issm/trunk-jpl/src/c/modules/GroundinglineMigrationx/GroundinglineMigrationx.cpp
M /issm/trunk-jpl/src/c/modules/InputControlUpdatex/InputControlUpdatex.cpp
M /issm/trunk-jpl/src/c/modules/InputConvergenx/InputConvergenx.cpp
M /issm/trunk-jpl/src/c/modules/InputDuplicatex/InputDuplicatex.cpp M /issm/trunk-jpl/src/c/modules/InputScalex/InputScalex.cpp M /issm/trunk-jpl/src/c/modules/InputToResultx/InputToResultx.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/CreateNumberNodeToElementConnectivity.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/CreateSingleNodeToElementConnectivity.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessox/DistributeNumDofs.cpp M /issm/trunk-jpl/src/c/shared/Elements/Arrhenius.cpp M /issm/trunk-jpl/src/c/shared/Elements/ComputeDofList.cpp
D /issm/trunk-jpl/src/c/shared/Elements/CoordinateSystemTransform.cpp D /issm/trunk-jpl/src/c/shared/Elements/GetGlobalDofList.cpp D /issm/trunk-jpl/src/c/shared/Elements/GetLocalDofList.cpp D /issm/trunk-jpl/src/c/shared/Elements/GetNumberOfDofs.cpp
D /issm/trunk-jpl/src/c/shared/Elements/GetVerticesCoordinates.cpp M /issm/trunk-jpl/src/c/shared/Elements/Paterson.cpp M /issm/trunk-jpl/src/c/shared/Elements/PddSurfaceMassBalance.cpp
M /issm/trunk-jpl/src/c/shared/Elements/PrintArrays.cpp D /issm/trunk-jpl/src/c/shared/Elements/TransformLoadVectorCoord.cpp D /issm/trunk-jpl/src/c/shared/Elements/TransformSolutionCoord.cpp D /issm/trunk-jpl/src/c/shared/Elements/TransformSolutionCoord.cpp
M /issm/trunk-jpl/src/c/shared/Elements/elements.h M /issm/trunk-jpl/src/c/shared/Exceptions/Exceptions.cpp
Export determination: 6.

Rationale: CHG: de-entangle dependencies between Containers and shared/Elements

Change #637 with diff file ISSM-14952-14953.diff:

Function name:

M /issm/trunk-jpl/src/c/solutions/dakota_core.cpp

Export determination: 6.

Rationale: BUG: missing include Femmodel.h

Change #638 with diff file ISSM-14953-14954.diff:

Function name:

M /issm/trunk-jpl/src/c/Container/Constraints.cpp M /issm/trunk-jpl/src/c/Container/Constraints.h

M /issm/trunk-jpl/src/c/Container/DataSet.cpp M /issm/trunk-jpl/src/c/Container/DataSet.h

M /issm/trunk-jpl/src/c/Container/Elements.cpp M /issm/trunk-jpl/src/c/Container/Elements.h

M /issm/trunk-jpl/src/c/Container/Inputs.cpp M /issm/trunk-jpl/src/c/Container/Inputs.h

M /issm/trunk-jpl/src/c/Container/Materials.cpp M /issm/trunk-jpl/src/c/Container/Materials.h

M /issm/trunk-jpl/src/c/Container/Nodes.cpp M /issm/trunk-jpl/src/c/Container/Nodes.h

M /issm/trunk-jpl/src/c/Container/Parameters.h M /issm/trunk-jpl/src/c/Container/Results.cpp

M /issm/trunk-jpl/src/c/Container/Results.h M /issm/trunk-jpl/src/c/Makefile.am

M /issm/trunk-jpl/src/c/classes/objects/Elements/Element.h M /issm/trunk-

jpl/src/c/classes/objects/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.h

M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Element

M /issm/trunk-jpl/src/c/classes/objects/Inputs/Input.h M /issm/trunk-jpl/src/c/classes/objects/Materials/M

M /issm/trunk-jpl/src/c/classes/objects/Profiler.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Mo

D /issm/trunk-jpl/src/c/shared/Exp/ExpWrite.cpp D /issm/trunk-jpl/src/c/shared/Exp/IsInPoly.cpp

D /issm/trunk-jpl/src/c/shared/Exp/IsInPolySerial.cpp A /issm/trunk-jpl/src/c/shared/Exp/exp.cpp

M /issm/trunk-jpl/src/c/shared/Exp/exp.h

Export determination: 6.

Rationale: CHG: some serious desentangling of the header files, which started from the src/c/shared/Exp/ directory.

Change #639 with diff file ISSM-14954-14955.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Matrix/MatrixUtils.cpp

Export determination: 6.

Rationale: CHG: desentangling of header file dependencies

Change #640 with diff file ISSM-14955-14956.diff:

Function name:

M /issm/trunk-jpl/src/c/solutions/dakota_core.cpp

Export determination: 6.

Rationale: BUG: fixing missing include

Change #641 with diff file ISSM-14956-14957.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/TriMesh/TriMesh.cpp

Export determination: 6.

Rationale: BUG: cannot call delete on int* and double*

Change #642 with diff file ISSM-14957-14958.diff:

Function name:

M /issm/trunk-jpl/src/c/Container/DataSet.cpp M /issm/trunk-jpl/src/c/Container/DataSet.h

M /issm/trunk-jpl/src/c/Container/Parameters.h M /issm/trunk-jpl/src/c/toolkits/mpi/mpiincludes.h

M /issm/trunk-jpl/src/wrappers/matlab/io/FetchMatlabData.cpp

Export determination: 6.

Rationale: CHG: fixed missing include files and some dependencies.

Change #643 with diff file ISSM-14958-14959.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-jpl/src/c/Makefile.am D /issm/trunk-jpl/src/c/modules/EnumToStringx D /issm/trunk-jpl/src/c/modules/StringToEnumx M /issm/trunk-jpl/src/c/modules/modules.h

A /issm/trunk-jpl/src/c/shared/Enum A /issm/trunk-jpl/src/c/shared/Enum/EnumToStringx.cpp (from /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp:14957)

A /issm/trunk-jpl/src/c/shared/Enum/EnumToStringx.h (from /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToStringx.h:14957) A /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp (from /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp:14957)

A /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.h (from /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.h:14957) M /issm/trunk-jpl/src/c/shared/shared.h

Export determination: 6.

Rationale: CHG: moved StringToEnumx and EnumToStringx to shared/Enum

Change #644 with diff file ISSM-14959-14960.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/EnumToString/EnumToString.h M /issm/trunk-jpl/src/wrappers/StringToEnum/StringToEnum.h

jpl/src/c/modules/Exp2Kmlx/Exp2Kmlx.cpp M /issm/trunk-jpl/src/c/modules/GetSolutionFromInputsx/GetSolutionFromInputsx.cpp
 M /issm/trunk-jpl/src/c/modules/GetVectorFromControlInputsx/GetVectorFromControlInputsx.cpp
 M /issm/trunk-jpl/src/c/modules/GetVectorFromInputsx/GetVectorFromInputsx.cpp
 M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.cpp
 M /issm/trunk-jpl/src/c/modules/GradJx/GradJx.cpp M /issm/trunk-jpl/src/c/modules/GroundinglineMigrat
 M /issm/trunk-jpl/src/c/modules/InputArtificialNoisex/InputArtificialNoisex.cpp
 M /issm/trunk-jpl/src/c/modules/InputControlUpdatex/InputControlUpdatex.cpp
 M /issm/trunk-jpl/src/c/modules/InputConvergecx/InputConvergecx.cpp
 M /issm/trunk-jpl/src/c/modules/InputDuplicatex/InputDuplicatex.cpp M /issm/trunk-jpl/src/c/modules/InputScalex/InputScalex.cpp M /issm/trunk-jpl/src/c/modules/InputToResultx/InputToResultx.cpp
 M /issm/trunk-jpl/src/c/modules/InputUpdateFromConstantx/InputUpdateFromConstantx.cpp
 M /issm/trunk-jpl/src/c/modules/InputUpdateFromDakotax/InputUpdateFromDakotax.cpp
 M /issm/trunk-jpl/src/c/modules/InputUpdateFromMatrixDakotax/InputUpdateFromMatrixDakotax.cpp
 M /issm/trunk-jpl/src/c/modules/InputUpdateFromSolutionx/InputUpdateFromSolutionx.cpp
 M /issm/trunk-jpl/src/c/modules/InputUpdateFromVectorDakotax/InputUpdateFromVectorDakotax.cpp
 M /issm/trunk-jpl/src/c/modules/InputUpdateFromVectorx/InputUpdateFromVectorx.cpp
 M /issm/trunk-jpl/src/c/modules/InterpFromGridToMeshx/InterpFromGridToMeshx.h
 M /issm/trunk-jpl/src/c/modules/IoModelToConstraintsx/IoModelToConstraintsx.cpp
 M /issm/trunk-jpl/src/c/modules/KMLFileReadx/KMLFileReadx.cpp M /issm/trunk-jpl/src/c/modules/KMLMeshWritex/KMLMeshWritex.cpp M /issm/trunk-jpl/src/c/modules/KMLOverlayx/KMLOverlayx.h
 M /issm/trunk-jpl/src/c/modules/Kml2Expx/Kml2Expx.cpp M /issm/trunk-jpl/src/c/modules/MeshPartitionx/MeshPartitionx.h M /issm/trunk-jpl/src/c/modules/ModelProcessorx/ModelProcessorx.h
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Balancethickness/CreateConstraintsBalancethickness.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Balancethickness/CreateLoadsBalancethickness.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Balancethickness/CreateNodesBalancethickness.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Balancethickness/UpdateElementsBalancethickness.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/BedSlope/CreateConstraintsBedSlope.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/BedSlope/CreateLoadsBedSlope.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/BedSlope/CreateNodesBedSlope.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/BedSlope/UpdateElementsBedSlope.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Control/CreateParametersControl.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Control/UpdateElementsAndMaterialsControl.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateDataSets.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateElementsVerticesAndMaterials.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateParameters.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Dakota/CreateParametersDakota.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHoriz/CreateConstraintsDiagnosticHoriz.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHoriz/CreateLoadsDiagnosticHoriz.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHoriz/CreateNodesDiagnosticHoriz.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHoriz/UpdateElementsDiagnosticHoriz.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHutter/CreateConstraintsDiagnosticHutter.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHutter/CreateLoadsDiagnosticHutter.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHutter/CreateNodesDiagnosticHutter.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHutter/UpdateElementsDiagnosticHutter.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticVert/CreateConstraintsDiagnosticVert.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticVert/CreateLoadsDiagnosticVert.cpp

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticVert/CreateNodesDiagnosticVert.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticVert/UpdateElementsDiagnosticVert.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DistributeNumDofs.cpp M
/issm/trunk-jpl/src/c/modules/ModelProcessorx/ElementsAndVerticesPartitioning.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Enthalpy/CreateConstraintsEnthalpy.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Enthalpy/CreateLoadsEnthalpy.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Enthalpy/CreateNodesEnthalpy.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Enthalpy/UpdateElementsEnthalpy.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Gia/CreateConstraintsGia.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Gia/CreateLoadsGia.cpp M
/issm/trunk-jpl/src/c/modules/ModelProcessorx/Gia/CreateNodesGia.cpp M /issm/trunk-
jpl/src/c/modules/ModelProcessorx/Gia/UpdateElementsGia.cpp M /issm/trunk-
jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/CreateConstraintsHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/CreateLoadsHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/CreateNodesHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/CreateParametersHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/UpdateElementsHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/CreateConstraintsHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/CreateLoadsHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/CreateNodesHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/CreateParametersHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/UpdateElementsHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyShreve/CreateConstraintsHydrologyShreve.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyShreve/CreateLoadsHydrologyShreve.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyShreve/CreateNodesHydrologyShreve.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyShreve/CreateParametersHydrologyShreve.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyShreve/UpdateElementsHydrologyShreve.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Melting/CreateConstraintsMelting.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Melting/CreateLoadsMelting.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Melting/CreateNodesMelting.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Melting/UpdateElementsMelting.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/ModelProcessorx.cpp M /issm/trunk-
jpl/src/c/modules/ModelProcessorx/NodesPartitioning.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/
Prognostic/CreateLoadsPrognostic.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Prognostic/CreateNodesPrognostic.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Prognostic/UpdateElementsPrognostic.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/SortDataSets.cpp M /issm/trunk-
jpl/src/c/modules/ModelProcessorx/SurfaceSlope/CreateConstraintsSurfaceSlope.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/SurfaceSlope/CreateLoadsSurfaceSlope.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/SurfaceSlope/CreateNodesSurfaceSlope.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/SurfaceSlope/UpdateElementsSurfaceSlope.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Thermal/CreateConstraintsThermal.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Thermal/CreateLoadsThermal.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Thermal/CreateNodesThermal.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Thermal/UpdateElementsThermal.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Transient/UpdateElementsTransient.cpp

M /issm/trunk-jpl/src/c/modules/ModelProcessox/UpdateCounters.cpp M /issm/trunk-jpl/src/c/modules/NodalValuex/NodalValuex.cpp M /issm/trunk-jpl/src/c/modules/NodeConnectivityx/NodalValuex.cpp M /issm/trunk-jpl/src/c/modules/NodesDofx/NodesDofx.cpp M /issm/trunk-jpl/src/c/modules/OutputRiftsx/OutputRiftsx.cpp M /issm/trunk-jpl/src/c/modules/ParseToolkitsOptionsx/ParseToolkitsOptionsx.cpp M /issm/trunk-jpl/src/c/modules/PositiveDegreeDayx/PositiveDegreeDayx.cpp M /issm/trunk-jpl/src/c/modules/ResetConstraintsx/ResetConstraintsx.cpp M /issm/trunk-jpl/src/c/modules/RheologyBbarAbsGradientx/RheologyBbarAbsGradientx.cpp M /issm/trunk-jpl/src/c/modules/SetControlInputsFromVectorx/SetControlInputsFromVectorx.cpp M /issm/trunk-jpl/src/c/modules/Shp2Expx/Shp2Expx.cpp M /issm/trunk-jpl/src/c/modules/Shp2Kmlx/Shp2Kmlx.cpp M /issm/trunk-jpl/src/c/modules/SmbGradientx/SmbGradientx.cpp M /issm/trunk-jpl/src/c/modules/SpcNodesx/SpcNodesx.cpp M /issm/trunk-jpl/src/c/modules/SurfaceAbsVelMisfitx/SurfaceAbsVelMisfitx.cpp M /issm/trunk-jpl/src/c/modules/SurfaceAreax/SurfaceAreax.cpp M /issm/trunk-jpl/src/c/modules/SurfaceAverageVelMisfitx/SurfaceAverageVelMisfitx.cpp M /issm/trunk-jpl/src/c/modules/SurfaceLogVelMisfitx/SurfaceLogVelMisfitx.cpp M /issm/trunk-jpl/src/c/modules/SurfaceLogVxVyMisfitx/SurfaceLogVxVyMisfitx.cpp M /issm/trunk-jpl/src/c/modules/SurfaceRelVelMisfitx/SurfaceRelVelMisfitx.cpp M /issm/trunk-jpl/src/c/modules/ThicknessAbsMisfitx/ThicknessAbsMisfitx.cpp M /issm/trunk-jpl/src/c/modules/ThicknessAcrossGradientx/ThicknessAcrossGradientx.cpp M /issm/trunk-jpl/src/c/modules/ThicknessAlongGradientx/ThicknessAlongGradientx.cpp M /issm/trunk-jpl/src/c/modules/TriMeshx/TriMeshx.cpp M /issm/trunk-jpl/src/c/modules/UpdateDynamics/UpdateDynamics.cpp M /issm/trunk-jpl/src/c/modules/VecMergex/VecMergex.cpp M /issm/trunk-jpl/src/c/modules/VertexCoordinatesx/VertexCoordinatesx.cpp M /issm/trunk-jpl/src/c/modules/VerticesDofx/VerticesDofx.cpp A /issm/trunk-jpl/src/c/shared/Enum/CMakeLists.txt (from /issm/trunk-jpl/src/c/EnumDefinitions/CMakeLists.txt:14957) A /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h (from /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h:14957) M /issm/trunk-jpl/src/c/shared/Enum/EnumToStringx.cpp D /issm/trunk-jpl/src/c/shared/Enum/EnumToS A /issm/trunk-jpl/src/c/shared/Enum/README (from /issm/trunk-jpl/src/c/EnumDefinitions/README:14957) M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp D /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp A /issm/trunk-jpl/src/c/shared/Enum/Synchronize.sh (from /issm/trunk-jpl/src/c/EnumDefinitions/Synchronize.sh:14957) M /issm/trunk-jpl/src/c/shared/Numerics/OptionsFromAnalysis.cpp M /issm/trunk-jpl/src/c/shared/Numerics/UnitConversion.cpp M /issm/trunk-jpl/src/c/shared/String/DescriptorIndex.cpp M /issm/trunk-jpl/src/c/shared/shared.h M /issm/trunk-jpl/src/c/solutions/AdjointCorePointerFromSolution/AdjointCorePointerFromSolution.cpp M /issm/trunk-jpl/src/c/solutions/AnalysisConfiguration.cpp M /issm/trunk-jpl/src/c/solutions/CorePointerFromSolutionEnum.cpp M /issm/trunk-jpl/src/c/solutions/DakotaSpawnCore/DakotaSpawnCore.cpp M /issm/trunk-jpl/src/c/solutions/ResetBoundaryConditions.cpp M /issm/trunk-jpl/src/c/solutions/WrapperCorePointerFromSolutionEnum.cpp M /issm/trunk-jpl/src/c/solutions/ad_core.cpp M /issm/trunk-jpl/src/c/solutions/adjointbalancethickness_core.cpp M /issm/trunk-jpl/src/c/solutions/adjointdiagnostic_core.cpp M /issm/trunk-jpl/src/c/solutions/balancethickness_core.cpp M /issm/trunk-jpl/src/c/solutions/bedslope_core.cpp M /issm/trunk-jpl/src/c/solutions/control_core.cpp M /issm/trunk-jpl/src/c/solutions/controlconvergence_core.cpp M /issm/trunk-jpl/src/c/solutions/controlrestart_core.cpp M /issm/trunk-jpl/src/c/solutions/controltao_core.cpp M /issm/trunk-jpl/src/c/solutions/convergence_core.cpp M /issm/trunk-jpl/src/c/solutions/dakota_core.cpp M /issm/trunk-jpl/src/c/solutions/diagnostic_core.cpp M /issm/trunk-jpl/src/c/solutions/dummy_core.cpp M /issm/trunk-jpl/src/c/solutions/enthalpy_core.cpp M /issm/trunk-jpl/src/c/solutions/gia_core.cpp M /issm/trunk-jpl/src/c/solutions/gradient_core.cpp M /issm/trunk-jpl/src/c/solutions/hydrology_core.cpp M /issm/trunk-jpl/src/c/solutions/objectivefunction_core.cpp M /issm/trunk-jpl/src/c/solutions/prognostic_core.cpp

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M /issm/trunk-jpl/src/c/solutions/transient_core.cpp M /issm/trunk-jpl/src/c/solvers/solver_adjoint_linear.cp
M /issm/trunk-jpl/src/c/solvers/solver_hydro_nonlinear.cpp M /issm/trunk-jpl/src/c/solvers/solver_linear.cpp
M /issm/trunk-jpl/src/c/solvers/solver_newton.cpp M /issm/trunk-jpl/src/c/solvers/solver_nonlinear.cpp
M /issm/trunk-jpl/src/c/solvers/solver_stokescoupling_nonlinear.cpp M /issm/trunk-
jpl/src/c/solvers/solver_thermal_nonlinear.cpp M /issm/trunk-jpl/src/c/toolkits/issm/IssmMat.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmToolkitUtils.cpp M /issm/trunk-jpl/src/c/toolkits/issm/IssmVec.h
M /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscSolver.cpp
Export determination: 6.
Rationale: CHG: moved EnumDefinitions to src/c/shared/Enum

Change #646 with diff file ISSM-14961-14962.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/EnumToString/EnumToString.h M /issm/trunk-
jpl/src/wrappers/StringToEnum/StringToEnum.h

Export determination: 6.

Rationale: CHG: moved EnumDefinitions to src/c/shared/Enum

Change #647 with diff file ISSM-14962-14963.diff:

Function name:

A /issm/trunk-jpl/src/c/shared/Enum/Enum.h

Export determination: 6.

Rationale: CHG: Missing Enum.h

Change #648 with diff file ISSM-14963-14964.diff:

Function name:

M /issm/trunk-jpl/src/m/enum/AbsoluteEnum.m M /issm/trunk-jpl/src/m/enum/AdjointBalancethicknessA
M /issm/trunk-jpl/src/m/enum/AdjointEnum.m M /issm/trunk-jpl/src/m/enum/AdjointHorizAnalysisEnum.
M /issm/trunk-jpl/src/m/enum/AdjointSolutionEnum.m M /issm/trunk-jpl/src/m/enum/AdjointpEnum.m
M /issm/trunk-jpl/src/m/enum/AdjointxEnum.m M /issm/trunk-jpl/src/m/enum/AdjointyEnum.m
M /issm/trunk-jpl/src/m/enum/AdjointzEnum.m M /issm/trunk-jpl/src/m/enum/AdolcParamEnum.m
M /issm/trunk-jpl/src/m/enum/AgressiveMigrationEnum.m M /issm/trunk-jpl/src/m/enum/AirEnum.m
M /issm/trunk-jpl/src/m/enum/AnalysisCounterEnum.m M /issm/trunk-jpl/src/m/enum/AnalysisTypeEnum
M /issm/trunk-jpl/src/m/enum/AndroidFrictionCoefficientEnum.m M /issm/trunk-
jpl/src/m/enum/ApproximationEnum.m M /issm/trunk-jpl/src/m/enum/ArrheniusEnum.m
M /issm/trunk-jpl/src/m/enum/AutodiffDependentObjectIndicesEnum.m M /issm/trunk-
jpl/src/m/enum/AutodiffDependentObjectNamesEnum.m M /issm/trunk-jpl/src/m/enum/AutodiffDependen

M /issm/trunk-jpl/src/m/enum/AutodiffDependentObjectsEnum.m M /issm/trunk-jpl/src/m/enum/AutodiffDriverEnum.m M /issm/trunk-jpl/src/m/enum/AutodiffFosForwardIndexEnum.m
M /issm/trunk-jpl/src/m/enum/AutodiffFosReverseIndexEnum.m M /issm/trunk-jpl/src/m/enum/AutodiffFovForwardIndicesEnum.m M /issm/trunk-jpl/src/m/enum/AutodiffIndependentOb
M /issm/trunk-jpl/src/m/enum/AutodiffIndependentObjectTypesEnum.m M /issm/trunk-jpl/src/m/enum/AutodiffIndependentObjectsEnum.m M /issm/trunk-jpl/src/m/enum/AutodiffIsautodiffEnum.m M /issm/trunk-jpl/src/m/enum/AutodiffJacobianEnum.m
M /issm/trunk-jpl/src/m/enum/AutodiffKeepEnum.m M /issm/trunk-jpl/src/m/enum/AutodiffMassFluxSegEnum.m M /issm/trunk-jpl/src/m/enum/AutodiffNumDependentObjectsEnum.m M /issm/trunk-jpl/src/m/enum/AutodiffNumDependentsEnum.m M /issm/trunk-jpl/src/m/enum/AutodiffNumIndependentsEnum.m M /issm/trunk-jpl/src/m/enum/AutodiffNumIndependentsEnum.m M /issm/trunk-jpl/src/m/enum/AutodiffXpEnum.m M /issm/trunk-jpl/src/m/enum/BalancethicknessAnalysisEnum.m
M /issm/trunk-jpl/src/m/enum/BalancethicknessMisfitEnum.m M /issm/trunk-jpl/src/m/enum/BalancethicknessSolutionEnum.m M /issm/trunk-jpl/src/m/enum/BalancethicknessSpcthicknessEnum.m M /issm/trunk-jpl/src/m/enum/BalancethicknessStabilizationEnum.m M /issm/trunk-jpl/src/m/enum/BalancethicknessThickeningRateEnum.m M /issm/trunk-jpl/src/m/enum/BasalFrictionEnum.m M /issm/trunk-jpl/src/m/enum/BasalforcingsGeothermalfluxEnum.m M /issm/trunk-jpl/src/m/enum/BasalforcingsMeltingRateCorrectionEnum.m M /issm/trunk-jpl/src/m/enum/BasalforcingsMeltingRateEnum.m M /issm/trunk-jpl/src/m/enum/BathymetryEnum.m
M /issm/trunk-jpl/src/m/enum/BedEnum.m M /issm/trunk-jpl/src/m/enum/BedSlopeAnalysisEnum.m M /issm/trunk-jpl/src/m/enum/BedSlopeSolutionEnum.m M /issm/trunk-jpl/src/m/enum/BedSlopeXAnalysisEnum.m M /issm/trunk-jpl/src/m/enum/BedSlopeXEnum.m M /issm/trunk-jpl/src/m/enum/BedSlopeYAnalysisEnum.m M /issm/trunk-jpl/src/m/enum/BedSlopeYEnum.m M /issm/trunk-jpl/src/m/enum/BilinearInterpEnum.m M /issm/trunk-jpl/src/m/enum/BoolElementResultEnum.m M /issm/trunk-jpl/src/m/enum/BoolExternalResultEnum.m M /issm/trunk-jpl/src/m/enum/BoolInputEnum.m M /issm/trunk-jpl/src/m/enum/BoolParamEnum.m M /issm/trunk-jpl/src/m/enum/BoundaryEnum.m M /issm/trunk-jpl/src/m/enum/ClosedEnum.m M /issm/trunk-jpl/src/m/enum/ColinearEnum.m M /issm/trunk-jpl/src/m/enum/ConfigurationTypeEnum.m M /issm/trunk-jpl/src/m/enum/ConstantEnum.m M /issm/trunk-jpl/src/m/enum/ConstantsGEnum.m M /issm/trunk-jpl/src/m/enum/ConstantsReferencetemperatureEnum.m M /issm/trunk-jpl/src/m/enum/ConstantsYtsEnum.m M /issm/trunk-jpl/src/m/enum/ConstraintsEnum.m M /issm/trunk-jpl/src/m/enum/ContourEnum.m M /issm/trunk-jpl/src/m/enum/ControlInputEnum.m M /issm/trunk-jpl/src/m/enum/ControlSteadyEnum.m M /issm/trunk-jpl/src/m/enum/ConvergedEnum.m M /issm/trunk-jpl/src/m/enum/DataSetParamEnum.m M /issm/trunk-jpl/src/m/enum/DatasetInputEnum.m M /issm/trunk-jpl/src/m/enum/DebugProfilingEnum.m M /issm/trunk-jpl/src/m/enum/DefaultAnalysisEnum.m M /issm/trunk-jpl/src/m/enum/DenseEnum.m M /issm/trunk-jpl/src/m/enum/DependentObjectEnum.m M /issm/trunk-jpl/src/m/enum/DiagnosticAbstolEnum.m M /issm/trunk-jpl/src/m/enum/DiagnosticHorizAbstolEnum.m M /issm/trunk-jpl/src/m/enum/DiagnosticHutterAnalysisEnum.m M /issm/trunk-jpl/src/m/enum/DiagnosticIcefrontEnum.m M /issm/trunk-jpl/src/m/enum/DiagnosticIsnewtonEnum.m M /issm/trunk-jpl/src/m/enum/DiagnosticMaxiterEnum.m M /issm/trunk-jpl/src/m/enum/DiagnosticNumRenum.m M /issm/trunk-jpl/src/m/enum/DiagnosticPenaltyFactorEnum.m M /issm/trunk-jpl/src/m/enum/DiagnosticReferentialEnum.m M /issm/trunk-jpl/src/m/enum/DiagnosticReltolEnum.m M /issm/trunk-jpl/src/m/enum/DiagnosticRequestedOutputsEnum.m M /issm/trunk-jpl/src/m/enum/DiagnosticRestolEnum.m M /issm/trunk-jpl/src/m/enum/DiagnosticRiftPenaltyLockEnum.m M /issm/trunk-jpl/src/m/enum/DiagnosticRiftPenaltyThresholdEnum.m M /issm/trunk-jpl/src/m/enum/DiagnosticShelfDampeningEnum.m M /issm/trunk-jpl/src/m/enum/DiagnosticSolutionEnum.m M /issm/trunk-jpl/src/m/enum/DiagnosticSpecvxEnum.m M /issm/trunk-jpl/src/m/enum/DiagnosticSpecvyEnum.m

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M /issm/trunk-jpl/src/m/enum/DoubleVecParamEnum.m M /issm/trunk-jpl/src/m/enum/DragCoefficientAb
M /issm/trunk-jpl/src/m/enum/ElementEnum.m M /issm/trunk-jpl/src/m/enum/ElementResultEnum.m
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M /issm/trunk-jpl/src/m/enum/ExtToIuEnum.m M /issm/trunk-jpl/src/m/enum/ExternalResultEnum.m
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 M /issm/trunk-jpl/src/m/enum/HydrologyshreveStabilizationEnum.m M /issm/trunk-jpl/src/m/enum/HydrologyshreveStabilizationEnum.m
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 M /issm/trunk-jpl/src/m/enum/IceFrontTypeEnum.m
 M /issm/trunk-jpl/src/m/enum/IceVolumeEnum.m M /issm/trunk-jpl/src/m/enum/IceVolumeEnum.m
 M /issm/trunk-jpl/src/m/enum/IncrementalEnum.m M /issm/trunk-jpl/src/m/enum/IndependentObjectEnum.m
 M /issm/trunk-jpl/src/m/enum/IndexEnum.m M /issm/trunk-jpl/src/m/enum/IndexedEnum.m
 M /issm/trunk-jpl/src/m/enum/InputEnum.m M /issm/trunk-jpl/src/m/enum/IntExternalResultEnum.m
 M /issm/trunk-jpl/src/m/enum/IntInputEnum.m M /issm/trunk-jpl/src/m/enum/IntMatParamEnum.m
 M /issm/trunk-jpl/src/m/enum/IntParamEnum.m M /issm/trunk-jpl/src/m/enum/IntVecParamEnum.m
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M /issm/trunk-jpl/src/m/enum/VectorParamEnum.m M /issm/trunk-jpl/src/m/enum/VelEnum.m
M /issm/trunk-jpl/src/m/enum/VelocityEnum.m M /issm/trunk-jpl/src/m/enum/VerboseEnum.m
M /issm/trunk-jpl/src/m/enum/VertexEnum.m M /issm/trunk-jpl/src/m/enum/VerticesEnum.m
M /issm/trunk-jpl/src/m/enum/ViscousHeatingEnum.m M /issm/trunk-jpl/src/m/enum/VxAverageEnum.m
M /issm/trunk-jpl/src/m/enum/VxEnum.m M /issm/trunk-jpl/src/m/enum/VxMeshEnum.m
M /issm/trunk-jpl/src/m/enum/VxPicardEnum.m M /issm/trunk-jpl/src/m/enum/VyAverageEnum.m
M /issm/trunk-jpl/src/m/enum/VyEnum.m M /issm/trunk-jpl/src/m/enum/VyMeshEnum.m
M /issm/trunk-jpl/src/m/enum/VyPicardEnum.m M /issm/trunk-jpl/src/m/enum/VzEnum.m
M /issm/trunk-jpl/src/m/enum/VzMacAyealEnum.m M /issm/trunk-jpl/src/m/enum/VzMeshEnum.m
M /issm/trunk-jpl/src/m/enum/VzPattynEnum.m M /issm/trunk-jpl/src/m/enum/VzPicardEnum.m
M /issm/trunk-jpl/src/m/enum/VzStokesEnum.m M /issm/trunk-jpl/src/m/enum/WaterColumnOldEnum.m
M /issm/trunk-jpl/src/m/enum/WaterEnum.m M /issm/trunk-jpl/src/m/enum/WatercolumnEnum.m
M /issm/trunk-jpl/src/m/enum/WaterfractionEnum.m M /issm/trunk-jpl/src/m/enum/WeakBalancethicknessEnum.m
M /issm/trunk-jpl/src/m/enum/WeakBalancethicknessSolutionEnum.m M /issm/trunk-jpl/src/m/enum/XYEnum.m M /issm/trunk-jpl/src/m/enum/XYZPEnum.m

Export determination: 6.

Rationale: CHG: updated Synchronize.sh

Change #649 with diff file ISSM-14964-14965.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Enum/Synchronize.sh

Export determination: 6.

Rationale: CHG: updated Synchronize.sh

Change #650 with diff file ISSM-14965-14966.diff:

Function name:

M /issm/trunk-jpl/src/c/Container/DataSet.h M /issm/trunk-jpl/src/c/modules/ContourToMeshx/ContourToMeshx.h M /issm/trunk-jpl/src/c/modules/ContourToMeshx/ContourToMeshxt.cpp M /issm/trunk-jpl/src/c/modules/ContourToNodesx/ContourToNodesx.h M /issm/trunk-jpl/src/c/modules/InterpFromMesh2dx/InterpFromMesh2dx.cpp M /issm/trunk-jpl/src/c/shared/Exp/exp.h M /issm/trunk-jpl/src/c/shared/io/Disk/WriteLockFile.cpp M /issm/trunk-jpl/src/c/shared/shared.h M /issm/trunk-jpl/src/c/toolkits/mpi/patches/DetermineLocalSize.h M /issm/trunk-jpl/src/wrappers/ContourToMesh/ContourToMesh.cpp M /issm/trunk-jpl/src/wrappers/ContourToMesh/ContourToMesh.h M /issm/trunk-jpl/src/wrappers/ContourToNodes/ContourToNodes.h M /issm/trunk-jpl/src/wrappers/EdgeDetection/EdgeDetection.h M /issm/trunk-jpl/src/wrappers/ElementConnectivity/ElementConnectivity.h M /issm/trunk-jpl/src/wrappers/InterpFromMeshToMesh2d/InterpFromMeshToMesh2d.h M /issm/trunk-jpl/src/wrappers/NodeConnectivity/NodeConnectivity.h M /issm/trunk-jpl/src/wrappers/TriMesh/TriMesh.h M /issm/trunk-jpl/src/wrappers/python/io/WritePythonData.cpp

Export determination: 6.

Rationale: CHG: modified IsInPoly prototype, which triggered new dependency cyclicalities which had to be fixed.

Change #651 with diff file ISSM-14966-14967.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Profiler.cpp

Export determination: 6.

Rationale: CHG: missing include

Change #652 with diff file ISSM-14967-14968.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/FemModel.cpp M /issm/trunk-jpl/src/c/classes/FemModel.h M /issm/trunk-jpl/src/c/classes/objects/Elements/Element.h M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/ElementMip.cpp M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt.cpp M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/c/solvers/solver_hydro_nor.cpp M /issm/trunk-jpl/src/m/enum/BasisIntegralEnum.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m

Export determination: 6.

Rationale: BUG: Modification in the residual computation

Change #653 with diff file ISSM-14968-14969.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/ContourToMeshx/ContourToMeshx.cpp M /issm/trunk-jpl/src/c/modules/ContourToNodesx/ContourToNodesx.cpp

Export determination: 6.

Rationale: BUG: fixed problem with contourToMesh and ContourToNodes

Change #654 with diff file ISSM-14969-14970.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/solvers/solver_hydro_nor

Export determination: 6.

Rationale: BUG: still working on the residual value

Change #655 with diff file ISSM-14970-14971.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp

Export determination: 6.

Rationale: BUG: Residual computation is now OK

Change #656 with diff file ISSM-14971-14972.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Element

M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.cpp

M /issm/trunk-jpl/src/c/solutions/AnalysisConfiguration.cpp M /issm/trunk-jpl/src/c/solutions/gia_core.cpp

Export determination: 6.

Rationale: CHG: dWdt now assembles solution properly in parallel runs as well

Change #657 with diff file ISSM-14972-14973.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/gia.m

Export determination: 6.

Rationale: minor

Change #658 with diff file ISSM-14973-14974.diff:

Function name:

A /issm/trunk-jpl/test/Archives/Archive2061.nc A /issm/trunk-jpl/test/Archives/Archive2062.nc

A /issm/trunk-jpl/test/Archives/Archive2063.nc A /issm/trunk-jpl/test/NightlyRun/test2061.m

A /issm/trunk-jpl/test/NightlyRun/test2062.m A /issm/trunk-jpl/test/NightlyRun/test2063.m

Export determination: 6.

Rationale: NEW: three more gia benchmarks for testing dWdt solution

Change #659 with diff file ISSM-14974-14975.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Enum/Enum.h

Export determination: 6.

Rationale: CHG: missing define

Change #660 with diff file ISSM-14975-14976.diff:

Function name:

M /issm/trunk-jpl/src/c/Container/Constraints.h M /issm/trunk-jpl/src/c/Container/DataSet.h

M /issm/trunk-jpl/src/c/Container/Elements.cpp M /issm/trunk-jpl/src/c/Container/Elements.h

M /issm/trunk-jpl/src/c/Container/Inputs.cpp M /issm/trunk-jpl/src/c/Container/Inputs.h

M /issm/trunk-jpl/src/c/Container/Loads.cpp M /issm/trunk-jpl/src/c/Container/Loads.h

M /issm/trunk-jpl/src/c/Container/Materials.h M /issm/trunk-jpl/src/c/Container/Nodes.h

M /issm/trunk-jpl/src/c/Container/Options.cpp M /issm/trunk-jpl/src/c/Container/Parameters.cpp

M /issm/trunk-jpl/src/c/Container/Parameters.h M /issm/trunk-jpl/src/c/Container/Results.h

M /issm/trunk-jpl/src/c/Container/Vertices.cpp M /issm/trunk-jpl/src/c/Container/Vertices.h

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/ToModel.cpp

M /issm/trunk-jpl/src/c/classes/kriging/ExponentialVariogram.cpp M /issm/trunk-

jpl/src/c/classes/kriging/GaussianVariogram.cpp M /issm/trunk-jpl/src/c/classes/kriging/PowerVariogram.cpp

M /issm/trunk-jpl/src/c/classes/kriging/SphericalVariogram.cpp M /issm/trunk-

jpl/src/c/classes/objects/DependentObject.h M /issm/trunk-jpl/src/c/classes/objects/ElementResults/ElementResults.h

M /issm/trunk-jpl/src/c/classes/objects/Loads/Icefront.cpp M /issm/trunk-jpl/src/c/classes/objects/Loads/Loads.h

M /issm/trunk-jpl/src/c/classes/objects/Loads/Load.h M /issm/trunk-jpl/src/c/classes/objects/Loads/Numerics.h

M /issm/trunk-jpl/src/c/classes/objects/Loads/Penpair.cpp M /issm/trunk-jpl/src/c/classes/objects/Materials.h

M /issm/trunk-jpl/src/c/classes/objects/Materials/Matrice.cpp M /issm/trunk-

jpl/src/c/classes/objects/Options/GenericOption.h M /issm/trunk-jpl/src/c/classes/objects/Vertex.cpp

M /issm/trunk-jpl/src/c/modules/InterpFromMeshToMesh2dx/InterpFromMeshToMesh2dx.cpp

M /issm/trunk-jpl/src/c/modules/Reducevectortofx/Reducevectortofx.h M /issm/trunk-

jpl/src/c/modules/Reducevectortogtox/Reducevectortogtox.h M /issm/trunk-jpl/src/c/shared/Elements/Arrhenius.h

M /issm/trunk-jpl/src/c/shared/Elements/elements.h D /issm/trunk-jpl/src/c/shared/Numerics/IsInputConversion.h

D /issm/trunk-jpl/src/c/shared/Numerics/OptionsFromAnalysis.cpp D /issm/trunk-

jpl/src/c/shared/Numerics/ToolkitsOptionsFromAnalysis.cpp M /issm/trunk-

jpl/src/c/shared/Numerics/numerics.h M /issm/trunk-jpl/src/c/shared/Numerics/recast.h

Export determination: 6.

Rationale: CHG: cleanup the shared/Numerics directory. Took out the IsInput-Converged, ToolkitsOptionsFromAnalysis and OptionsFromAnalysis and put them into the Container/ Inputs and Parameters files. This uncovered a bunch of cyclical dependencies that needed fixing.

Change #661 with diff file ISSM-14976-14977.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/gsl/DenseGslSolve.cpp

Export determination: 6.

Rationale: CHG: minor fix

Change #662 with diff file ISSM-14977-14978.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am D /issm/trunk-jpl/src/c/classes/OptArgs.h

D /issm/trunk-jpl/src/c/classes/OptPars.h M /issm/trunk-jpl/src/c/classes/classes.h

M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.h A /issm/trunk-jpl/src/c/shared/Numerics/OptArg

(from /issm/trunk-jpl/src/c/classes/OptArgs.h:14973) A /issm/trunk-jpl/src/c/shared/Numerics/OptPars.h

(from /issm/trunk-jpl/src/c/classes/OptPars.h:14973) M /issm/trunk-jpl/src/c/shared/Numerics/numerics.h

Export determination: 6.

Rationale: CHG: moved OptPars and OptArgs to shared/Numerics, to break the dependency of BrentSearch on objects.h

Change #663 with diff file ISSM-14978-14979.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Numerics/BrentSearch.cpp

Export determination: 6.

Rationale: CHG: finished separating BrentSearch from object.h

Change #664 with diff file ISSM-14979-14980.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Numerics/GaussPoints.cpp M /issm/trunk-jpl/src/c/shared/Numerics/Optim

Export determination: 6.

Rationale: CHG: unhooked OptimalSearch and GaussPoints from objects.h

Change #665 with diff file ISSM-14980-14981.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Numerics/UnitConversion.cpp

Export determination: 6.

Rationale: CHG: unhooked UnitConversion dependencies on objects.h

Change #666 with diff file ISSM-14981-14982.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Numerics/XZvectorsToCoordinateSystem.cpp

M /issm/trunk-jpl/src/c/shared/Numerics/cross.cpp M /issm/trunk-jpl/src/c/shared/Numerics/cubic.cpp

M /issm/trunk-jpl/src/c/shared/Numerics/extrema.cpp

Export determination: 6.

Rationale: CHG: shared/Numerics now totally independent of other libraries

Change #667 with diff file ISSM-14982-14983.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Numerics/UnitConversion.cpp

Export determination: 6.

Rationale: CHG: minor bug

Change #668 with diff file ISSM-14983-14984.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Matrix/matrix.h M /issm/trunk-jpl/src/c/shared/String/DescriptorIndex.cpp

Export determination: 6.

Rationale: CHG: done. shared library is not self-dependent, no cyclical dependencies with other libraries

Change #669 with diff file ISSM-14984-14985.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/String/DescriptorIndex.cpp

Export determination: 6.

Rationale: CHG: minor glitch

Change #670 with diff file ISSM-14985-14986.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am A /issm/trunk-jpl/src/c/analyses (from
/issm/trunk-jpl/src/c/solutions:14984) M /issm/trunk-jpl/src/c/analyses/AdjointCorePointerFromSolutionEnum.cpp
M /issm/trunk-jpl/src/c/analyses/AnalysisConfiguration.cpp M /issm/trunk-
jpl/src/c/analyses/CMakeLists.txt M /issm/trunk-jpl/src/c/analyses/CorePointerFromSolutionEnum.cpp
M /issm/trunk-jpl/src/c/analyses/DakotaSpawnCore.cpp M /issm/trunk-jpl/src/c/analyses/ResetBoundaryConditions.cpp
M /issm/trunk-jpl/src/c/analyses/WrapperCorePointerFromSolutionEnum.cpp
M /issm/trunk-jpl/src/c/analyses/ad_core.cpp M /issm/trunk-jpl/src/c/analyses/adjointbalancethickness_core.cpp
M /issm/trunk-jpl/src/c/analyses/adjointdiagnostic_core.cpp A /issm/trunk-jpl/src/c/analyses/analyses.h
(from /issm/trunk-jpl/src/c/solutions/solutions.h:14984) M /issm/trunk-jpl/src/c/analyses/balancethickness_core.cpp
M /issm/trunk-jpl/src/c/analyses/bedslope_core.cpp M /issm/trunk-jpl/src/c/analyses/control_core.cpp
M /issm/trunk-jpl/src/c/analyses/controlconvergence.cpp M /issm/trunk-jpl/src/c/analyses/controlrestart_core.cpp
M /issm/trunk-jpl/src/c/analyses/controltao_core.cpp M /issm/trunk-jpl/src/c/analyses/dakota_core.cpp
M /issm/trunk-jpl/src/c/analyses/diagnostic_core.cpp M /issm/trunk-jpl/src/c/analyses/dummy_core.cpp
M /issm/trunk-jpl/src/c/analyses/enthalpy_core.cpp M /issm/trunk-jpl/src/c/analyses/gia_core.cpp
M /issm/trunk-jpl/src/c/analyses/gradient_core.cpp M /issm/trunk-jpl/src/c/analyses/hydrology_core.cpp
M /issm/trunk-jpl/src/c/analyses/objectivefunction.cpp M /issm/trunk-jpl/src/c/analyses/prognostic_core.cpp
D /issm/trunk-jpl/src/c/analyses/solutions.h M /issm/trunk-jpl/src/c/analyses/steadystate_core.cpp
M /issm/trunk-jpl/src/c/analyses/steadystateconvergence.cpp M /issm/trunk-
jpl/src/c/analyses/surfaceslope_core.cpp M /issm/trunk-jpl/src/c/analyses/thermal_core.cpp
M /issm/trunk-jpl/src/c/analyses/transient_core.cpp M /issm/trunk-jpl/src/c/classes/FemModel.cpp
M /issm/trunk-jpl/src/c/classes/dakota/DakotaPlugin.cpp M /issm/trunk-jpl/src/c/main/issm.h
D /issm/trunk-jpl/src/c/solutions M /issm/trunk-jpl/src/c/solvers/solver_newton.cpp
M /issm/trunk-jpl/src/c/solvers/solver_nonlinear.cpp M /issm/trunk-jpl/src/c/solvers/solver_stokescoupling_newton.cpp
Export determination: 6.

Rationale: CHG: moved solutions to analyses

Change #671 with diff file ISSM-14986-14987.diff:

Function name:

M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.cpp
A /issm/trunk-jpl/src/m/enum/VertexPidEnum.m A /issm/trunk-jpl/src/m/enum/VertexSidEnum.m
Export determination: 6.

Rationale: NEW: added VertexPidEnum and VertexSidEnum

Change #672 with diff file ISSM-14987-14988.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Element
Export determination: 6.
Rationale: CHG: removed InputUpdateFromSolutionGia and modified InputUpdateFromVector

Change #673 with diff file ISSM-14988-14989.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt
M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/enum/EnumDefinitions
M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m A /issm/trunk-jpl/src/m/enum/SedimentHeadOldEnum.m

Export determination: 6.

Rationale: NEW: Adding SedimentHeadOldEnum

Change #674 with diff file ISSM-14989-14990.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/gia_core.cpp

Export determination: 6.

Rationale: CHG: now we use InputUpdateFromVector for both w and dwdt

Change #675 with diff file ISSM-14990-14991.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt
M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp

Export determination: 6.

Rationale: CHG: added VertexPIIdEnum and VertexSIIdEnum

Change #676 with diff file ISSM-14991-14992.diff:

Function name:

M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnum

Export determination: 6.

Rationale: NEW: updating SedimentHeadOldEnum

Change #677 with diff file ISSM-14992-14993.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/analyses/AdjointCorePointerFromSolutionEnum.cpp M /issm/trunk-jpl/src/c/analyses/AnalysisConfiguration.cpp M /issm/trunk-jpl/src/c/analyses/CorePointerFromSolutionEnum.cpp M /issm/trunk-jpl/src/c/analyses/WrapperCorePointerFromSolutionEnum.cpp M /issm/trunk-jpl/src/c/analyses/ad_core.cpp M /issm/trunk-jpl/src/c/analyses/adjointbalancethickness_core.cpp M /issm/trunk-jpl/src/c/analyses/adjointdiagnostic_core.cpp M /issm/trunk-jpl/src/c/analyses/balancethickness_core.cpp M /issm/trunk-jpl/src/c/analyses/bedslope_core.cpp M /issm/trunk-jpl/src/c/analyses/control_core.cpp M /issm/trunk-jpl/src/c/analyses/controltao_core.cpp M /issm/trunk-jpl/src/c/analyses/diagnostic_core.cpp M /issm/trunk-jpl/src/c/analyses/enthalpy_core.cpp M /issm/trunk-jpl/src/c/analyses/gia_core.cpp M /issm/trunk-jpl/src/c/analyses/gradient_core.cpp M /issm/trunk-jpl/src/c/analyses/hydrology_core.cpp M /issm/trunk-jpl/src/c/analyses/objectivefunction_core.cpp M /issm/trunk-jpl/src/c/analyses/prognostic_core.cpp M /issm/trunk-jpl/src/c/analyses/steadystate_core.cpp M /issm/trunk-jpl/src/c/analyses/surfaceslope_core.cpp M /issm/trunk-jpl/src/c/analyses/thermal_core.cpp M /issm/trunk-jpl/src/c/analyses/transient_core.cpp M /issm/trunk-jpl/src/c/main/issm.h A /issm/trunk-jpl/src/c/solutionsequences (from /issm/trunk-jpl/src/c/solvers:14990) M /issm/trunk-jpl/src/c/solutionsequences/CMakeLists.txt A /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_adjoint_linear.cpp (from /issm/trunk-jpl/src/c/solvers/solver_adjoint_linear.cpp:14990) A /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_hydro_nonlinear.cpp (from /issm/trunk-jpl/src/c/solvers/solver_hydro_nonlinear.cpp:14990) A /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_linear.cpp (from /issm/trunk-jpl/src/c/solvers/solver_linear.cpp:14990) A /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_newton.cpp (from /issm/trunk-jpl/src/c/solvers/solver_newton.cpp:14990) A /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_nonlinear.cpp (from /issm/trunk-jpl/src/c/solvers/solver_nonlinear.cpp:14990) A /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_stokescoupling_nonlinear.cpp (from /issm/trunk-jpl/src/c/solvers/solver_stokescoupling_nonlinear.cpp:14990) A /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_thermal_nonlinear.cpp (from /issm/trunk-jpl/src/c/solvers/solver_thermal_nonlinear.cpp:14990) A /issm/trunk-jpl/src/c/solutionsequences/solutionsequences.h (from /issm/trunk-jpl/src/c/solvers/solvers.h:14990) D /issm/trunk-jpl/src/c/solutionsequences/solver_adjoint_linear.cpp D /issm/trunk-jpl/src/c/solutionsequences/solver_hydro_nonlinear.cpp D /issm/trunk-jpl/src/c/solutionsequences/solver_linear.cpp D /issm/trunk-jpl/src/c/solutionsequences/solver_newton.cpp D /issm/trunk-jpl/src/c/solutionsequences/solver_nonlinear.cpp D /issm/trunk-jpl/src/c/solutionsequences/solver_stokescoupling_nonlinear.cpp D /issm/trunk-jpl/src/c/solutionsequences/solver_thermal_nonlinear.cpp D /issm/trunk-jpl/src/c/solutionsequences/solvers.h D /issm/trunk-jpl/src/c/solvers

Export determination: 6.

Rationale: CHG: moved solvers to solutionsequences

Change #678 with diff file ISSM-14993-14994.diff:

Function name:

M /issm/trunk-jpl/externalpackages/scotch/install.sh M /issm/trunk-jpl/externalpackages/scotch/scotch.patch

Export determination: 6.

Rationale: CHG: fixed warning of char* conversion to const char* by changing

File struct

Change #679 with diff file ISSM-14994-14995.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/Krigingx/pKrigingx.cpp

Export determination: 6.

Rationale: CHG: fixed pb when `_HAVE_MPI_` is undefined

Change #680 with diff file ISSM-14995-14996.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/issm/IssmAbsMat.h

Export determination: 6.

Rationale: BUG: missing include

Change #681 with diff file ISSM-14996-14997.diff:

Function name:

D /issm/trunk-jpl/src/c/Container M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-

jpl/src/c/analyses/controlconvergence.cpp M /issm/trunk-jpl/src/c/analyses/dakota_core.cpp

M /issm/trunk-jpl/src/c/analyses/steadystateconvergence.cpp M /issm/trunk-

jpl/src/c/classes/FemModel.cpp M /issm/trunk-jpl/src/c/classes/Hook.cpp M

/issm/trunk-jpl/src/c/classes/IoModel.cpp M /issm/trunk-jpl/src/c/classes/Patch.cpp

M /issm/trunk-jpl/src/c/classes/classes.h M /issm/trunk-jpl/src/c/classes/kriging/ExponentialVariogram.cpp

M /issm/trunk-jpl/src/c/classes/kriging/GaussianVariogram.cpp A /issm/trunk-

jpl/src/c/classes/kriging/Observations.cpp A /issm/trunk-jpl/src/c/classes/kriging/Observations.h

M /issm/trunk-jpl/src/c/classes/kriging/PowerVariogram.cpp M /issm/trunk-

jpl/src/c/classes/kriging/SphericalVariogram.cpp M /issm/trunk-jpl/src/c/classes/kriging/krigingobjects.h

M /issm/trunk-jpl/src/c/classes/matrix/ElementMatrix.cpp M /issm/trunk-jpl/src/c/classes/matrix/Element

M /issm/trunk-jpl/src/c/classes/objects/Bucket.h A /issm/trunk-jpl/src/c/classes/objects/Constraints/Const

A /issm/trunk-jpl/src/c/classes/objects/Constraints/Constraints.h M /issm/trunk-

jpl/src/c/classes/objects/Constraints/SpcDynamic.cpp M /issm/trunk-jpl/src/c/classes/objects/Constraints/

M /issm/trunk-jpl/src/c/classes/objects/Constraints/SpcTransient.cpp A /issm/trunk-

jpl/src/c/classes/objects/DataSet.cpp A /issm/trunk-jpl/src/c/classes/objects/DataSet.h

M /issm/trunk-jpl/src/c/classes/objects/DependentObject.cpp M /issm/trunk-

jpl/src/c/classes/objects/ElementResults/BoolElementResult.cpp M /issm/trunk-

jpl/src/c/classes/objects/ElementResults/DoubleElementResult.cpp M /issm/trunk-

jpl/src/c/classes/objects/ElementResults/PentaP1ElementResult.cpp M /issm/trunk-

jpl/src/c/classes/objects/ElementResults/TriaP1ElementResult.cpp M /issm/trunk-

jpl/src/c/classes/objects/Elements/Element.h A /issm/trunk-jpl/src/c/classes/objects/Elements/Elements.cp

A /issm/trunk-jpl/src/c/classes/objects/Elements/Elements.h M /issm/trunk-

jpl/src/c/classes/objects/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/PentaHook.
 M /issm/trunk-jpl/src/c/classes/objects/Elements/PentaRef.cpp M /issm/trunk-
 jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.h
 M /issm/trunk-jpl/src/c/classes/objects/Elements/TriaHook.cpp M /issm/trunk-
 jpl/src/c/classes/objects/Elements/TriaRef.cpp A /issm/trunk-jpl/src/c/classes/objects/ExternalResults/Res
 A /issm/trunk-jpl/src/c/classes/objects/ExternalResults/Results.h M /issm/trunk-
 jpl/src/c/classes/objects/IndependentObject.cpp M /issm/trunk-jpl/src/c/classes/objects/Inputs/BoolInput.c
 M /issm/trunk-jpl/src/c/classes/objects/Inputs/ControlInput.cpp M /issm/trunk-
 jpl/src/c/classes/objects/Inputs/DatasetInput.cpp M /issm/trunk-jpl/src/c/classes/objects/Inputs/DoubleInp
 M /issm/trunk-jpl/src/c/classes/objects/Inputs/Input.h A /issm/trunk-jpl/src/c/classes/objects/Inputs/Inpu
 A /issm/trunk-jpl/src/c/classes/objects/Inputs/Inputs.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/IntI
 M /issm/trunk-jpl/src/c/classes/objects/Inputs/PentaP1Input.cpp M /issm/trunk-
 jpl/src/c/classes/objects/Inputs/TransientInput.cpp M /issm/trunk-jpl/src/c/classes/objects/Inputs/TriaP1In
 M /issm/trunk-jpl/src/c/classes/objects/KML/KMLFileReadUtils.cpp M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_Attribute.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Col
 M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Comment.cpp M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_Container.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Do
 M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Feature.cpp M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_File.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Folder.cp
 M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Geometry.cpp M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_GroundOverlay.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KM
 M /issm/trunk-jpl/src/c/classes/objects/KML/KML_LatLonBox.cpp M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_LineString.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Lin
 M /issm/trunk-jpl/src/c/classes/objects/KML/KML_LinearRing.cpp M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_MultiGeometry.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KM
 M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Overlay.cpp M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_Placemark.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Po
 M /issm/trunk-jpl/src/c/classes/objects/KML/KML_PolyStyle.cpp M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_Polygon.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Style
 M /issm/trunk-jpl/src/c/classes/objects/KML/KML_StyleSelector.cpp M /issm/trunk-
 jpl/src/c/classes/objects/KML/KML_SubStyle.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Unk
 M /issm/trunk-jpl/src/c/classes/objects/Loads/Friction.cpp M /issm/trunk-jpl/src/c/classes/objects/Loads/I
 A /issm/trunk-jpl/src/c/classes/objects/Loads/Loads.cpp A /issm/trunk-jpl/src/c/classes/objects/Loads/Loa
 M /issm/trunk-jpl/src/c/classes/objects/Loads/Numericalflux.cpp M /issm/trunk-
 jpl/src/c/classes/objects/Loads/Pengrid.cpp M /issm/trunk-jpl/src/c/classes/objects/Loads/Penpair.cpp
 M /issm/trunk-jpl/src/c/classes/objects/Materials/Matdamageice.cpp M /issm/trunk-
 jpl/src/c/classes/objects/Materials/Material.h A /issm/trunk-jpl/src/c/classes/objects/Materials/Materials.cp
 A /issm/trunk-jpl/src/c/classes/objects/Materials/Materials.h M /issm/trunk-
 jpl/src/c/classes/objects/Materials/Matrice.cpp M /issm/trunk-jpl/src/c/classes/objects/Materials/Matrice.h
 M /issm/trunk-jpl/src/c/classes/objects/Node.cpp A /issm/trunk-jpl/src/c/classes/objects/Nodes.cpp
 A /issm/trunk-jpl/src/c/classes/objects/Nodes.h M /issm/trunk-jpl/src/c/classes/objects/Options/OptionUti
 A /issm/trunk-jpl/src/c/classes/objects/Options/Options.cpp A /issm/trunk-
 jpl/src/c/classes/objects/Options/Options.h M /issm/trunk-jpl/src/c/classes/objects/Params/BoolParam.cpp
 M /issm/trunk-jpl/src/c/classes/objects/Params/DataSetParam.cpp M /issm/trunk-
 jpl/src/c/classes/objects/Params/DoubleMatArrayParam.cpp M /issm/trunk-
 jpl/src/c/classes/objects/Params/DoubleMatParam.cpp M /issm/trunk-jpl/src/c/classes/objects/Params/Do

M /issm/trunk-jpl/src/c/classes/objects/Params/DoubleTransientMatParam.cpp
M /issm/trunk-jpl/src/c/classes/objects/Params/DoubleVecParam.cpp M /issm/trunk-jpl/src/c/classes/objects/Params/FileParam.cpp M /issm/trunk-jpl/src/c/classes/objects/Params/IntMatParam.cpp
M /issm/trunk-jpl/src/c/classes/objects/Params/IntParam.cpp M /issm/trunk-jpl/src/c/classes/objects/Params/IntVecParam.cpp M /issm/trunk-jpl/src/c/classes/objects/Params/MatrixParam.cpp
A /issm/trunk-jpl/src/c/classes/objects/Params/Parameters.cpp A /issm/trunk-jpl/src/c/classes/objects/Params/Parameters.h M /issm/trunk-jpl/src/c/classes/objects/Params/StringArrayParam.cpp
M /issm/trunk-jpl/src/c/classes/objects/Params/StringParam.cpp M /issm/trunk-jpl/src/c/classes/objects/Params/TransientParam.cpp M /issm/trunk-jpl/src/c/classes/objects/Params/VectorParam.cpp
M /issm/trunk-jpl/src/c/classes/objects/Profiler.cpp M /issm/trunk-jpl/src/c/classes/objects/Vertex.cpp
A /issm/trunk-jpl/src/c/classes/objects/Vertices.cpp A /issm/trunk-jpl/src/c/classes/objects/Vertices.h
M /issm/trunk-jpl/src/c/classes/objects/objects.h M /issm/trunk-jpl/src/c/main/issm.h
M /issm/trunk-jpl/src/c/modules/AverageOntoPartitionx/AverageOntoPartitionx.cpp
M /issm/trunk-jpl/src/c/modules/AverageOntoPartitionx/AverageOntoPartitionx.h
M /issm/trunk-jpl/src/c/modules/Chacox/Chacox.h M /issm/trunk-jpl/src/c/modules/ComputeBasalStressx/ComputeBasalStressx.h
M /issm/trunk-jpl/src/c/modules/ComputeStrainRatex/ComputeStrainRatex.h
M /issm/trunk-jpl/src/c/modules/ConfigureObjectsx/ConfigureObjectsx.h M /issm/trunk-jpl/src/c/modules/ConstraintsStatex/ConstraintsStateLocal.h M /issm/trunk-jpl/src/c/modules/ConstraintsStatex/ConstraintsStatex.h M /issm/trunk-jpl/src/c/modules/ControlInputGetx/ControlInputGetx.h
M /issm/trunk-jpl/src/c/modules/ControlInputScaleGradientx/ControlInputScaleGradientx.h
M /issm/trunk-jpl/src/c/modules/ControlInputSetGradientx/ControlInputSetGradientx.h
M /issm/trunk-jpl/src/c/modules/CreateNodalConstraintsx/CreateNodalConstraintsx.h
M /issm/trunk-jpl/src/c/modules/Delta18oParameterizationx/Delta18oParameterizationx.h
M /issm/trunk-jpl/src/c/modules/DragCoefficientAbsGradientx/DragCoefficientAbsGradientx.h
M /issm/trunk-jpl/src/c/modules/EdgeDetectionx/EdgeDetectionx.h M /issm/trunk-jpl/src/c/modules/Exp2Kmlx/Exp2Kmlx.h M /issm/trunk-jpl/src/c/modules/GetSolutionFromInputsx/GetSolutionFromInputsx.h
M /issm/trunk-jpl/src/c/modules/GetVectorFromControlInputsx/GetVectorFromControlInputsx.h
M /issm/trunk-jpl/src/c/modules/GetVectorFromInputsx/GetVectorFromInputsx.h
M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.h M /issm/trunk-jpl/src/c/modules/Gradjx/Gradjx.h M /issm/trunk-jpl/src/c/modules/GroundinglineMigrationx/GroundinglineMigrationx.h
M /issm/trunk-jpl/src/c/modules/InputArtificialNoisex/InputArtificialNoisex.h
M /issm/trunk-jpl/src/c/modules/InputControlUpdatex/InputControlUpdatex.h
M /issm/trunk-jpl/src/c/modules/InputConvergecex/InputConvergecex.h M /issm/trunk-jpl/src/c/modules/InputDuplicatex/InputDuplicatex.h M /issm/trunk-jpl/src/c/modules/InputScalex/InputScalex.h M /issm/trunk-jpl/src/c/modules/InputToResultx/InputToResultx.h
M /issm/trunk-jpl/src/c/modules/InputUpdateFromConstantx/InputUpdateFromConstantx.h
M /issm/trunk-jpl/src/c/modules/InputUpdateFromDakotax/InputUpdateFromDakotax.h
M /issm/trunk-jpl/src/c/modules/InputUpdateFromMatrixDakotax/InputUpdateFromMatrixDakotax.h
M /issm/trunk-jpl/src/c/modules/InputUpdateFromSolutionx/InputUpdateFromSolutionx.h
M /issm/trunk-jpl/src/c/modules/InputUpdateFromVectorDakotax/InputUpdateFromVectorDakotax.h
M /issm/trunk-jpl/src/c/modules/InputUpdateFromVectorx/InputUpdateFromVectorx.h
M /issm/trunk-jpl/src/c/modules/InterpFromMeshToMesh2dx/InterpFromMeshToMesh2dx.cpp
M /issm/trunk-jpl/src/c/modules/IoModelToConstraintsx/IoModelToConstraintsx.h
M /issm/trunk-jpl/src/c/modules/KMLFileReadx/KMLFileReadx.h M /issm/trunk-jpl/src/c/modules/KMLMeshWritex/KMLMeshWritex.h M /issm/trunk-jpl/src/c/modules/KMLOverlayx/KMLOverlayx.h
M /issm/trunk-jpl/src/c/modules/Kml2Expx/Kml2Expx.h M /issm/trunk-jpl/src/c/modules/Krigingx/Krigingx.h

M /issm/trunk-jpl/src/c/modules/Krigingx/pKrigingx.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Balancethickness/CreateConstraintsBalancethickness.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Balancethickness/CreateLoadsBalancethickness.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Balancethickness/CreateNodesBalancethickness.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Balancethickness/UpdateElementsBalancethickness.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/BedSlope/CreateConstraintsBedSlope.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/BedSlope/CreateLoadsBedSlope.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/BedSlope/CreateNodesBedSlope.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/BedSlope/UpdateElementsBedSlope.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Control/CreateParametersControl.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Control/UpdateElementsAndMaterialsControl.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateElementsVerticesAndMaterials.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateParameters.cpp M
/issm/trunk-jpl/src/c/modules/ModelProcessorx/Dakota/CreateParametersDakota.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHoriz/CreateConstraintsDiagnosticHoriz.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHoriz/CreateLoadsDiagnosticHoriz.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHoriz/CreateNodesDiagnosticHoriz.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHoriz/UpdateElementsDiagnosticHoriz.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHutter/CreateConstraintsDiagnosticHutter.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHutter/CreateLoadsDiagnosticHutter.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHutter/CreateNodesDiagnosticHutter.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHutter/UpdateElementsDiagnosticHutter.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticVert/CreateConstraintsDiagnosticVert.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticVert/CreateLoadsDiagnosticVert.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticVert/CreateNodesDiagnosticVert.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticVert/UpdateElementsDiagnosticVert.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Enthalpy/CreateConstraintsEnthalpy.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Enthalpy/CreateLoadsEnthalpy.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Enthalpy/CreateNodesEnthalpy.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Enthalpy/UpdateElementsEnthalpy.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Gia/CreateConstraintsGia.cpp
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/issm/trunk-jpl/src/c/modules/ModelProcessorx/Gia/CreateNodesGia.cpp M /issm/trunk-
jpl/src/c/modules/ModelProcessorx/Gia/UpdateElementsGia.cpp M /issm/trunk-
jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/CreateConstraintsHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/CreateLoadsHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/CreateNodesHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCEfficient/UpdateElementsHydrologyDCEfficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/CreateConstraintsHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/CreateLoadsHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/CreateNodesHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/UpdateElementsHydrologyDCInefficient.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyShreve/CreateConstraintsHydrologyShreve.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyShreve/CreateLoadsHydrologyShreve.cpp

jpl/src/c/toolkits/gsl/DenseGslSolve.cpp M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.h
 M /issm/trunk-jpl/src/wrappers/AverageFilter/AverageFilter.h M /issm/trunk-
 jpl/src/wrappers/BamgConvertMesh/BamgConvertMesh.h M /issm/trunk-jpl/src/wrappers/BamgMesher/Ba
 M /issm/trunk-jpl/src/wrappers/BamgTriangulate/BamgTriangulate.h M /issm/trunk-
 jpl/src/wrappers/Chaco/Chaco.h M /issm/trunk-jpl/src/wrappers/ContourToMesh/ContourToMesh.h
 M /issm/trunk-jpl/src/wrappers/ContourToNodes/ContourToNodes.h M /issm/trunk-
 jpl/src/wrappers/EdgeDetection/EdgeDetection.h M /issm/trunk-jpl/src/wrappers/ElementConnectivity/Ele
 M /issm/trunk-jpl/src/wrappers/Exp2Kml/Exp2Kml.h M /issm/trunk-jpl/src/wrappers/ExpSimplify/ExpSim
 M /issm/trunk-jpl/src/wrappers/HoleFiller/HoleFiller.h M /issm/trunk-jpl/src/wrappers/InterpFromGridToM
 M /issm/trunk-jpl/src/wrappers/InterpFromMesh2d/InterpFromMesh2d.h M /issm/trunk-
 jpl/src/wrappers/InterpFromMeshToGrid/InterpFromMeshToGrid.h M /issm/trunk-
 jpl/src/wrappers/InterpFromMeshToMesh2d/InterpFromMeshToMesh2d.h M /issm/trunk-
 jpl/src/wrappers/InterpFromMeshToMesh3d/InterpFromMeshToMesh3d.h M /issm/trunk-
 jpl/src/wrappers/KMLFileRead/KMLFileRead.h M /issm/trunk-jpl/src/wrappers/KMLMeshWrite/KMLMes
 M /issm/trunk-jpl/src/wrappers/KMLOverlay/KMLOverlay.h M /issm/trunk-
 jpl/src/wrappers/Kml2Exp/Kml2Exp.h M /issm/trunk-jpl/src/wrappers/Ll2xy/Ll2xy.h
 M /issm/trunk-jpl/src/wrappers/MeshPartition/MeshPartition.h M /issm/trunk-
 jpl/src/wrappers/MeshProfileIntersection/MeshProfileIntersection.h M /issm/trunk-
 jpl/src/wrappers/NodeConnectivity/NodeConnectivity.h M /issm/trunk-jpl/src/wrappers/PointCloudFindNei
 M /issm/trunk-jpl/src/wrappers/PropagateFlagsFromConnectivity/PropagateFlagsFromConnectivity.h
 M /issm/trunk-jpl/src/wrappers/Scotch/Scotch.h M /issm/trunk-jpl/src/wrappers/Shp2Exp/Shp2Exp.h
 M /issm/trunk-jpl/src/wrappers/Shp2Kml/Shp2Kml.h M /issm/trunk-jpl/src/wrappers/TriMesh/TriMesh.h
 M /issm/trunk-jpl/src/wrappers/TriMeshProcessRifts/TriMeshProcessRifts.h M
 /issm/trunk-jpl/src/wrappers/TriaSearch/TriaSearch.h M /issm/trunk-jpl/src/wrappers/Xy2ll/Xy2ll.h
 M /issm/trunk-jpl/src/wrappers/matlab/io/FetchMatlabData.cpp M /issm/trunk-
 jpl/src/wrappers/matlab/io/matlabio.h M /issm/trunk-jpl/src/wrappers/python/io/WritePythonData.cpp
 M /issm/trunk-jpl/src/wrappers/python/io/pythonio.h

Export determination: 6.

Rationale: CHG: integrated Container/ directory into src/c/classes/objects di-
 rectory. No reason to have the containers and the objects that they contain
 defined in different places.

Change #682 with diff file ISSM-14997-14998.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/kriging/Observations.cpp

Export determination: 6.

Rationale: CHG: Missing header file

Change #683 with diff file ISSM-14998-14999.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Numerics/extrema.cpp M /issm/trunk-jpl/src/c/shared/Numerics/numerics.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmSeqVec.h
Export determination: 6.
Rationale: CHG: had to define min and max for IssmPDouble in adolc mode.

Change #684 with diff file ISSM-14999-15000.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/AverageOntoPartitionx/AverageOntoPartitionx.cpp
M /issm/trunk-jpl/src/c/modules/ComputeBasalStressx/ComputeBasalStressx.cpp
M /issm/trunk-jpl/src/c/modules/ComputeStrainRatex/ComputeStrainRatex.cpp
M /issm/trunk-jpl/src/c/modules/ConfigureObjectsx/ConfigureObjectsx.cpp M
/issm/trunk-jpl/src/c/modules/ConstraintsStatex/ConstraintsStatex.cpp M /issm/trunk-
jpl/src/c/modules/ConstraintsStatex/RiftConstraintsState.cpp M /issm/trunk-
jpl/src/c/modules/ControlInputGetGradientx/ControlInputGetGradientx.cpp M
/issm/trunk-jpl/src/c/modules/ControlInputScaleGradientx/ControlInputScaleGradientx.cpp
M /issm/trunk-jpl/src/c/modules/ControlInputSetGradientx/ControlInputSetGradientx.cpp
M /issm/trunk-jpl/src/c/modules/CreateNodalConstraintsx/CreateNodalConstraintsx.cpp
M /issm/trunk-jpl/src/c/modules/Delta18oParameterizationx/Delta18oParameterizationx.cpp
M /issm/trunk-jpl/src/c/modules/DragCoefficientAbsGradientx/DragCoefficientAbsGradientx.cpp
M /issm/trunk-jpl/src/c/modules/EdgeDetectionx/EdgeDetectionx.cpp M /issm/trunk-
jpl/src/c/modules/ElementConnectivityx/ElementConnectivityx.cpp M /issm/trunk-
jpl/src/c/modules/Exp2Kmlx/Exp2Kmlx.cpp M /issm/trunk-jpl/src/c/modules/GetSolutionFromInputsx/Ge
M /issm/trunk-jpl/src/c/modules/GetVectorFromControlInputsx/GetVectorFromControlInputsx.cpp
M /issm/trunk-jpl/src/c/modules/GetVectorFromInputsx/GetVectorFromInputsx.cpp
M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.cpp
M /issm/trunk-jpl/src/c/modules/Gradjx/Gradjx.cpp M /issm/trunk-jpl/src/c/modules/GroundinglineMigrat
M /issm/trunk-jpl/src/c/modules/InputArtificialNoisex/InputArtificialNoisex.cpp
M /issm/trunk-jpl/src/c/modules/InputControlUpdatex/InputControlUpdatex.cpp
M /issm/trunk-jpl/src/c/modules/InputConvergecx/InputConvergecx.cpp
M /issm/trunk-jpl/src/c/modules/InputDuplicatex/InputDuplicatex.cpp M /issm/trunk-
jpl/src/c/modules/InputScalex/InputScalex.cpp M /issm/trunk-jpl/src/c/modules/InputToResultx/InputToR
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M /issm/trunk-jpl/src/c/modules/InputUpdateFromVectorx/InputUpdateFromVectorx.cpp
M /issm/trunk-jpl/src/c/modules/InterpFromGridToMeshx/InterpFromGridToMeshx.h
M /issm/trunk-jpl/src/c/modules/IoModelToConstraintsx/IoModelToConstraintsx.cpp
M /issm/trunk-jpl/src/c/modules/KMLFileReadx/KMLFileReadx.cpp M /issm/trunk-
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M /issm/trunk-jpl/src/c/modules/NodesDofx/NodesDofx.cpp M /issm/trunk-jpl/src/c/modules/OutputRiftsx/OutputRiftsx.cpp M /issm/trunk-jpl/src/c/modules/ParseToolkitsOptionsx/ParseToolkitsOptionsx.cpp
M /issm/trunk-jpl/src/c/modules/PositiveDegreeDayx/PositiveDegreeDayx.cpp
M /issm/trunk-jpl/src/c/modules/ResetConstraintsx/ResetConstraintsx.cpp M /issm/trunk-jpl/src/c/modules/RheologyBbarAbsGradientx/RheologyBbarAbsGradientx.cpp
M /issm/trunk-jpl/src/c/modules/SetControlInputsFromVectorx/SetControlInputsFromVectorx.cpp
M /issm/trunk-jpl/src/c/modules/Shp2Expx/Shp2Expx.cpp M /issm/trunk-jpl/src/c/modules/Shp2Kmlx/Shp2Kmlx.cpp
M /issm/trunk-jpl/src/c/modules/SmbGradientx/SmbGradientx.cpp M /issm/trunk-jpl/src/c/modules/SpcNodesx/SpcNodesx.cpp M /issm/trunk-jpl/src/c/modules/SurfaceAbsVelMisfitx/SurfaceAbsVelMisfitx.cpp
M /issm/trunk-jpl/src/c/modules/SurfaceAreax/SurfaceAreax.cpp M /issm/trunk-jpl/src/c/modules/SurfaceAverageVelMisfitx/SurfaceAverageVelMisfitx.cpp M /issm/trunk-jpl/src/c/modules/SurfaceLogVelMisfitx/SurfaceLogVelMisfitx.cpp
M /issm/trunk-jpl/src/c/modules/SurfaceLogVxVyMisfitx/SurfaceLogVxVyMisfitx.cpp
M /issm/trunk-jpl/src/c/modules/SurfaceRelVelMisfitx/SurfaceRelVelMisfitx.cpp
M /issm/trunk-jpl/src/c/modules/ThicknessAbsMisfitx/ThicknessAbsMisfitx.cpp
M /issm/trunk-jpl/src/c/modules/ThicknessAcrossGradientx/ThicknessAcrossGradientx.cpp
M /issm/trunk-jpl/src/c/modules/ThicknessAlongGradientx/ThicknessAlongGradientx.cpp
M /issm/trunk-jpl/src/c/modules/TriMeshx/TriMeshx.cpp M /issm/trunk-jpl/src/c/modules/UpdateDynamicx/UpdateDynamicx.cpp
M /issm/trunk-jpl/src/c/modules/VecMergex/VecMergex.cpp M /issm/trunk-jpl/src/c/modules/VertexCoordinatesx/VertexCoordinatesx.cpp M /issm/trunk-jpl/src/c/modules/VertexCoordinatesx/VertexCoordinatesx.cpp

jpl/src/c/modules/VerticesDofx/VerticesDofx.cpp
 Export determination: 6.
 Rationale: CHG: modules should include shared.h, and that's it.

Change #685 with diff file ISSM-15000-15001.diff:

Function name:

M /issm/trunk-jpl/externalpackages/matlab/install.sh M /issm/trunk-jpl/src/c/modules/AverageOntoPartitioning/AverageOntoPartitioning.h
 M /issm/trunk-jpl/src/c/modules/BamgConvertMeshx/BamgConvertMeshx.h
 M /issm/trunk-jpl/src/c/modules/BamgTriangulatem/BamgTriangulatem.cpp M /issm/trunk-jpl/src/c/modules/BamgTriangulatem/BamgTriangulatem.h M /issm/trunk-jpl/src/c/modules/Chacox/Chacox.h M /issm/trunk-jpl/src/c/modules/ComputeBasalStressx/ComputeBasalStressx.h
 M /issm/trunk-jpl/src/c/modules/ComputeStrainRatex/ComputeStrainRatex.h
 M /issm/trunk-jpl/src/c/modules/ConstraintsStatex/ConstraintsStateLocal.h M /issm/trunk-jpl/src/c/modules/ConstraintsStatex/ConstraintsStatex.h M /issm/trunk-jpl/src/c/modules/ContourToMeshx/ContourToMeshx.h M /issm/trunk-jpl/src/c/modules/ContourToNodesx/ContourToNodesx.h
 M /issm/trunk-jpl/src/c/modules/ControlInputGetGradientx/ControlInputGetGradientx.h
 M /issm/trunk-jpl/src/c/modules/ControlInputScaleGradientx/ControlInputScaleGradientx.h
 M /issm/trunk-jpl/src/c/modules/ControlInputSetGradientx/ControlInputSetGradientx.h
 M /issm/trunk-jpl/src/c/modules/CreateNodalConstraintx/CreateNodalConstraintx.h
 M /issm/trunk-jpl/src/c/modules/Delta18oParameterizationx/Delta18oParameterizationx.h
 M /issm/trunk-jpl/src/c/modules/DragCoefficientAbsGradientx/DragCoefficientAbsGradientx.h
 M /issm/trunk-jpl/src/c/modules/EdgeDetectionx/EdgeDetectionx.h M /issm/trunk-jpl/src/c/modules/Exp2Kmlx/Exp2Kmlx.h M /issm/trunk-jpl/src/c/modules/GetSolutionFromInputsx/GetSolutionFromInputsx.h
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 M /issm/trunk-jpl/src/c/modules/InputUpdateFromMatrixDakotax/InputUpdateFromMatrixDakotax.h
 M /issm/trunk-jpl/src/c/modules/InputUpdateFromSolutionx/InputUpdateFromSolutionx.h
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 M /issm/trunk-jpl/src/c/modules/InterpFromGridToMeshx/InterpFromGridToMeshx.h
 M /issm/trunk-jpl/src/c/modules/InterpFromMesh2dx/InterpFromMesh2dx.cpp
 M /issm/trunk-jpl/src/c/modules/InterpFromMesh2dx/InterpFromMesh2dx.h
 M /issm/trunk-jpl/src/c/modules/InterpFromMeshToMesh2dx/InterpFromMeshToMesh2dx.cpp
 M /issm/trunk-jpl/src/c/modules/InterpFromMeshToMesh3dx/InterpFromMeshToMesh3dx.h
 M /issm/trunk-jpl/src/c/modules/IoModelToConstraintx/IoModelToConstraintx.h
 M /issm/trunk-jpl/src/c/modules/KMLFileReadx/KMLFileReadx.h M /issm/trunk-jpl/src/c/modules/KMLOverlayx/KMLOverlayx.h
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 M /issm/trunk-jpl/src/c/modules/Krigingx/pKrigingx.cpp M /issm/trunk-jpl/src/c/modules/MergesolutionfromMergesolutionfrom.h
 M /issm/trunk-jpl/src/c/modules/MeshProfileIntersectionx/MeshProfileIntersectionx.h

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Balancethickness/CreateLoadsBalancethickness.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Balancethickness/CreateNodesBalancethickness.cpp
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M /issm/trunk-jpl/src/c/modules/ParseToolkitsOptionsx/ParseToolkitsOptionsx.h
M /issm/trunk-jpl/src/c/modules/PointCloudFindNeighborsx/PointCloudFindNeighborsx.h
M /issm/trunk-jpl/src/c/modules/PositiveDegreeDayx/PositiveDegreeDayx.h M /issm/trunk-jpl/src/c/modules/ReduceLoadx/ReduceLoadx.h M /issm/trunk-jpl/src/c/modules/ReduceVectorx/ReduceVectorx.h
M /issm/trunk-jpl/src/c/modules/ReduceVectorxToSx/ReduceVectorxToSx.h M /issm/trunk-jpl/src/c/modules/ResetConstraintsx/ResetConstraintsx.h M /issm/trunk-jpl/src/c/modules/ResetCoordinateSystemx/ResetCoordinateSystemx.h M /issm/trunk-jpl/src/c/modules/RheologyBbarAbsGradientx/RheologyBbarAbsGradientx.h M /issm/trunk-jpl/src/c/modules/Scotchx/Scotchx.h M /issm/trunk-jpl/src/c/modules/SetControlInputsFromVx/SetControlInputsFromVx.h
M /issm/trunk-jpl/src/c/modules/Shp2Exp/Exp2Shp.h M /issm/trunk-jpl/src/c/modules/Shp2Kmlx/Shp2Kmlx.h
M /issm/trunk-jpl/src/c/modules/SmbGradientsx/SmbGradientsx.h M /issm/trunk-jpl/src/c/modules/SpcNodesx/SpcNodesx.h M /issm/trunk-jpl/src/c/modules/SurfaceAbsVelMisfitx/SurfaceAbsVelMisfitx.h
M /issm/trunk-jpl/src/c/modules/SurfaceAreax/SurfaceAreax.h M /issm/trunk-jpl/src/c/modules/SurfaceAverageVelMisfitx/SurfaceAverageVelMisfitx.h M /issm/trunk-jpl/src/c/modules/SurfaceLogVelMisfitx/SurfaceLogVelMisfitx.h M /issm/trunk-jpl/src/c/modules/SurfaceLogVxVyMisfitx/SurfaceLogVxVyMisfitx.h M /issm/trunk-jpl/src/c/modules/SurfaceRelVelMisfitx/SurfaceRelVelMisfitx.h M /issm/trunk-jpl/src/c/modules/ThicknessAbsMisfitx/ThicknessAbsMisfitx.h M /issm/trunk-jpl/src/c/modules/ThicknessAcrossGradientx/ThicknessAcrossGradientx.h M /issm/trunk-jpl/src/c/modules/ThicknessAlongGradientx/ThicknessAlongGradientx.h M /issm/trunk-jpl/src/c/modules/TriMeshx/TriMeshx.h M /issm/trunk-jpl/src/c/modules/TriaSearchx/TriaSearchx.cpp

M /issm/trunk-jpl/src/c/modules/TriaSearchx/TriaSearchx.h M /issm/trunk-jpl/src/c/modules/UpdateDynamicConstraintsx/UpdateDynamicConstraintsx.h
M /issm/trunk-jpl/src/c/modules/VecMergex/VecMergex.h M /issm/trunk-jpl/src/c/modules/VertexCoordinates/VertexCoordinates.h
M /issm/trunk-jpl/src/c/modules/VerticesDofx/VerticesDofx.h
Export determination: 6.
Rationale: CHG: modules should be including src/c/classes/classes.h, not src/c/classes/objects/objects.h

Change #686 with diff file ISSM-15001-15002.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/AdjointCorePointerFromSolutionEnum.cpp M /issm/trunk-jpl/src/c/analyses/AnalysisConfiguration.cpp M /issm/trunk-jpl/src/c/analyses/CorePointerFromSolutionEnum.cpp
M /issm/trunk-jpl/src/c/analyses/DakotaSpawnCore.cpp M /issm/trunk-jpl/src/c/analyses/ResetBoundaryConditions.cpp
M /issm/trunk-jpl/src/c/analyses/WrapperCorePointerFromSolutionEnum.cpp
M /issm/trunk-jpl/src/c/analyses/ad_core.cpp M /issm/trunk-jpl/src/c/analyses/adjointbalancethickness_core.cpp
M /issm/trunk-jpl/src/c/analyses/adjointdiagnostic_core.cpp M /issm/trunk-jpl/src/c/analyses/balancethickness_core.cpp M /issm/trunk-jpl/src/c/analyses/bedslope_core.cpp
M /issm/trunk-jpl/src/c/analyses/control_core.cpp M /issm/trunk-jpl/src/c/analyses/controlconvergence.cpp
M /issm/trunk-jpl/src/c/analyses/controlrestart.cpp M /issm/trunk-jpl/src/c/analyses/controltao_core.cpp
M /issm/trunk-jpl/src/c/analyses/convergence.cpp M /issm/trunk-jpl/src/c/analyses/dakota_core.cpp
M /issm/trunk-jpl/src/c/analyses/diagnostic_core.cpp M /issm/trunk-jpl/src/c/analyses/enthalpy_core.cpp
M /issm/trunk-jpl/src/c/analyses/gia_core.cpp M /issm/trunk-jpl/src/c/analyses/gradient_core.cpp
M /issm/trunk-jpl/src/c/analyses/hydrology_core.cpp M /issm/trunk-jpl/src/c/analyses/objectivefunction_core.cpp
M /issm/trunk-jpl/src/c/analyses/prognostic_core.cpp M /issm/trunk-jpl/src/c/analyses/steadystate_core.cpp
M /issm/trunk-jpl/src/c/analyses/steadystateconvergence.cpp M /issm/trunk-jpl/src/c/analyses/surfaceslope_core.cpp M /issm/trunk-jpl/src/c/analyses/thermal_core.cpp
M /issm/trunk-jpl/src/c/analyses/transient_core.cpp
Export determination: 6.
Rationale: CHG: analyses should also only include shared/shared.h and classes/classes.h

Change #687 with diff file ISSM-15002-15003.diff:

Function name:

M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_adjoint_linear.cpp
M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_hydro_nonlinear.cpp
M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_linear.cpp M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_newton.cpp M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_stokescoupling_nonlinear.cpp
M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_thermal_nonlinear.cpp
Export determination: 6.
Rationale: CHG: solutionsequences should include shared/shared.h and classes/classes.h only

Change #688 with diff file ISSM-15003-15004.diff:

Function name:

M /issm/trunk-jpl/src/c/main/issm.h

Export determination: 6.

Rationale: CHG: do not include shared/Enum.h but shared/shared.h

Change #689 with diff file ISSM-15004-15005.diff:

Function name:

M /issm/trunk-jpl/externalpackages/matlab/install.sh

Export determination: 6.

Rationale: CHG: reverted back

Change #690 with diff file ISSM-15005-15006.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/dakota_core.cpp

Export determination: 6.

Rationale: BUG: fixing include

Change #691 with diff file ISSM-15006-15007.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/hydrology_core.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/UpdateElementsHydrologyDCIn

M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_hydro_nonlinear.cpp

Export determination: 6.

Rationale: BUG: Adding a SedimentHeadOld to deal with nonlinear iterations

Change #692 with diff file ISSM-15007-15008.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/dakota_core.cpp M /issm/trunk-jpl/src/c/classes/classes.h

Export determination: 6.

Rationale: CHG: fixing dakota class only used by dakota_core

Change #693 with diff file ISSM-15008-15009.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/AverageFilter/AverageFilter.cpp M /issm/trunk-jpl/src/wrappers/BamgConvertMesh/BamgConvertMesh.cpp M /issm/trunk-jpl/src/wrappers/BamgMesher/BamgMesher.cpp M /issm/trunk-jpl/src/wrappers/BamgTriangulate/BamgTriangulate.cpp M /issm/trunk-jpl/src/wrappers/ContourToMesh/ContourToMesh.cpp M /issm/trunk-jpl/src/wrappers/ContourToNodes/ContourToNodes.cpp M /issm/trunk-jpl/src/wrappers/EdgeDetection/EdgeDetection.cpp M /issm/trunk-jpl/src/wrappers/ElementConnectivity/ElementConnectivity.cpp M /issm/trunk-jpl/src/wrappers/EnumToString/EnumToString.cpp M /issm/trunk-jpl/src/wrappers/HoleFiller/HoleFiller.cpp

Export determination: 6.

Rationale: CHG: added some clean up

Change #694 with diff file ISSM-15009-15010.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/analyses/dakota_core.cpp

M /issm/trunk-jpl/src/c/classes/classes.h D /issm/trunk-jpl/src/c/classes/dakota

Export determination: 6.

Rationale: CHG: moved DakotaPlugin to dakota_core.cpp

Change #695 with diff file ISSM-15010-15011.diff:

Function name:

A /issm/trunk-jpl/src/m/contrib/paraview A /issm/trunk-jpl/src/m/contrib/paraview/writeVTKcell.m

A /issm/trunk-jpl/src/m/contrib/paraview/writeVTKcell.m.bck

Export determination: 6.

Rationale: NEW: Adding a matlab function to export results in .vtk format (Paraview readable file)

Change #696 with diff file ISSM-15011-15012.diff:

Function name:

M /issm/trunk-jpl/src/m/contrib/paraview/writeVTKcell.m D /issm/trunk-jpl/src/m/contrib/paraview/writeVTKcell.m.bck

Export determination: 6.

Rationale: CHG: updating the help header

Change #697 with diff file ISSM-15012-15013.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am A /issm/trunk-jpl/src/c/classes/Bucket.h
(from /issm/trunk-jpl/src/c/classes/objects/Bucket.h:15011) A /issm/trunk-jpl/src/c/classes/Constraints
(from /issm/trunk-jpl/src/c/classes/objects/Constraints:15011) M /issm/trunk-
jpl/src/c/classes/Constraints/Constraint.h M /issm/trunk-jpl/src/c/classes/Constraints/Constraints.cpp
M /issm/trunk-jpl/src/c/classes/Constraints/Constraints.h M /issm/trunk-jpl/src/c/classes/Constraints/SpC
M /issm/trunk-jpl/src/c/classes/Constraints/SpCStatic.cpp M /issm/trunk-jpl/src/c/classes/Constraints/SpC
A /issm/trunk-jpl/src/c/classes/Contour.h (from /issm/trunk-jpl/src/c/classes/objects/Contour.h:15011)
A /issm/trunk-jpl/src/c/classes/DataSet.cpp (from /issm/trunk-jpl/src/c/classes/objects/DataSet.cpp:15011)
A /issm/trunk-jpl/src/c/classes/DataSet.h (from /issm/trunk-jpl/src/c/classes/objects/DataSet.h:15011)
A /issm/trunk-jpl/src/c/classes/DependentObject.cpp (from /issm/trunk-jpl/src/c/classes/objects/Dependent
A /issm/trunk-jpl/src/c/classes/DependentObject.h (from /issm/trunk-jpl/src/c/classes/objects/DependentO
A /issm/trunk-jpl/src/c/classes/ElementResults (from /issm/trunk-jpl/src/c/classes/objects/ElementResults:
M /issm/trunk-jpl/src/c/classes/ElementResults/BoolElementResult.cpp M /issm/trunk-
jpl/src/c/classes/ElementResults/BoolElementResult.h M /issm/trunk-jpl/src/c/classes/ElementResults/Dou
M /issm/trunk-jpl/src/c/classes/ElementResults/DoubleElementResult.h M /issm/trunk-
jpl/src/c/classes/ElementResults/ElementResult.h D /issm/trunk-jpl/src/c/classes/ElementResults/ElementF
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/issm/trunk-jpl/src/c/classes/ElementResults/PentaP1ElementResult.h M /issm/trunk-
jpl/src/c/classes/ElementResults/TriaP1ElementResult.cpp M /issm/trunk-jpl/src/c/classes/ElementResults/
A /issm/trunk-jpl/src/c/classes/Elements (from /issm/trunk-jpl/src/c/classes/objects/Elements:15011)
M /issm/trunk-jpl/src/c/classes/Elements/Element.h M /issm/trunk-jpl/src/c/classes/Elements/Elements.cpp
M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/Elements/Penta.h
M /issm/trunk-jpl/src/c/classes/Elements/PentaHook.cpp M /issm/trunk-jpl/src/c/classes/Elements/PentaR
M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.h
M /issm/trunk-jpl/src/c/classes/Elements/TriaHook.cpp M /issm/trunk-jpl/src/c/classes/Elements/TriaRef.c
A /issm/trunk-jpl/src/c/classes/ExternalResults (from /issm/trunk-jpl/src/c/classes/objects/ExternalResults
M /issm/trunk-jpl/src/c/classes/ExternalResults/GenericExternalResult.h M /issm/trunk-
jpl/src/c/classes/ExternalResults/Results.cpp M /issm/trunk-jpl/src/c/classes/FemModel.h
M /issm/trunk-jpl/src/c/classes/Hook.h A /issm/trunk-jpl/src/c/classes/IndependentObject.cpp
(from /issm/trunk-jpl/src/c/classes/objects/IndependentObject.cpp:15011) A
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A /issm/trunk-jpl/src/c/classes/Inputs (from /issm/trunk-jpl/src/c/classes/objects/Inputs:15011)
M /issm/trunk-jpl/src/c/classes/Inputs/BoolInput.cpp M /issm/trunk-jpl/src/c/classes/Inputs/ControlInput.
M /issm/trunk-jpl/src/c/classes/Inputs/DatasetInput.cpp M /issm/trunk-jpl/src/c/classes/Inputs/DoubleInp
M /issm/trunk-jpl/src/c/classes/Inputs/Input.h M /issm/trunk-jpl/src/c/classes/Inputs/Inputs.cpp
M /issm/trunk-jpl/src/c/classes/Inputs/Inputs.h M /issm/trunk-jpl/src/c/classes/Inputs/IntInput.cpp
M /issm/trunk-jpl/src/c/classes/Inputs/PentaP1Input.cpp M /issm/trunk-jpl/src/c/classes/Inputs/TransientI
M /issm/trunk-jpl/src/c/classes/Inputs/TriaP1Input.cpp A /issm/trunk-jpl/src/c/classes/KML
(from /issm/trunk-jpl/src/c/classes/objects/KML:15011) M /issm/trunk-jpl/src/c/classes/KML/KMLFileRea
M /issm/trunk-jpl/src/c/classes/KML/KMLFileReadUtils.h M /issm/trunk-jpl/src/c/classes/KML/KML_Attr
M /issm/trunk-jpl/src/c/classes/KML/KML_Attribute.h M /issm/trunk-jpl/src/c/classes/KML/KML_ColorS
M /issm/trunk-jpl/src/c/classes/KML/KML_ColorStyle.h M /issm/trunk-jpl/src/c/classes/KML/KML_Comm
M /issm/trunk-jpl/src/c/classes/KML/KML_Comment.h M /issm/trunk-jpl/src/c/classes/KML/KML_Contai
M /issm/trunk-jpl/src/c/classes/KML/KML_Container.h M /issm/trunk-jpl/src/c/classes/KML/KML_Docun
M /issm/trunk-jpl/src/c/classes/KML/KML_Document.h M /issm/trunk-jpl/src/c/classes/KML/KML_Featu
M /issm/trunk-jpl/src/c/classes/KML/KML_Feature.h M /issm/trunk-jpl/src/c/classes/KML/KML_File.cpp

M /issm/trunk-jpl/src/c/classes/KML/KML_File.h M /issm/trunk-jpl/src/c/classes/KML/KML_Folder.cpp
M /issm/trunk-jpl/src/c/classes/KML/KML_Folder.h M /issm/trunk-jpl/src/c/classes/KML/KML_Geometry
M /issm/trunk-jpl/src/c/classes/KML/KML_Geometry.h M /issm/trunk-jpl/src/c/classes/KML/KML_Groun
M /issm/trunk-jpl/src/c/classes/KML/KML_GroundOverlay.h M /issm/trunk-
jpl/src/c/classes/KML/KML_Icon.cpp M /issm/trunk-jpl/src/c/classes/KML/KML_Icon.h
M /issm/trunk-jpl/src/c/classes/KML/KML_LatLonBox.cpp M /issm/trunk-
jpl/src/c/classes/KML/KML_LatLonBox.h M /issm/trunk-jpl/src/c/classes/KML/KML_LineString.cpp
M /issm/trunk-jpl/src/c/classes/KML/KML_LineString.h M /issm/trunk-jpl/src/c/classes/KML/KML_LineS
M /issm/trunk-jpl/src/c/classes/KML/KML_LineStyle.h M /issm/trunk-jpl/src/c/classes/KML/KML_Linear
M /issm/trunk-jpl/src/c/classes/KML/KML_LinearRing.h M /issm/trunk-jpl/src/c/classes/KML/KML_Mult
M /issm/trunk-jpl/src/c/classes/KML/KML_MultiGeometry.h M /issm/trunk-
jpl/src/c/classes/KML/KML_Object.cpp M /issm/trunk-jpl/src/c/classes/KML/KML_Object.h
M /issm/trunk-jpl/src/c/classes/KML/KML_Overlay.cpp M /issm/trunk-jpl/src/c/classes/KML/KML_Overla
M /issm/trunk-jpl/src/c/classes/KML/KML_Placemark.cpp M /issm/trunk-jpl/src/c/classes/KML/KML_Pla
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M /issm/trunk-jpl/src/c/classes/KML/KML_PolyStyle.cpp M /issm/trunk-jpl/src/c/classes/KML/KML_Poly
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jpl/src/c/classes/KML/KML_StyleSelector.h M /issm/trunk-jpl/src/c/classes/KML/KML_SubStyle.cpp
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M /issm/trunk-jpl/src/c/classes/Loads/Icefront.cpp M /issm/trunk-jpl/src/c/classes/Loads/Load.h
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M /issm/trunk-jpl/src/c/classes/Loads/Pengrid.cpp M /issm/trunk-jpl/src/c/classes/Loads/Penpair.cpp
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A /issm/trunk-jpl/src/c/classes/Node.cpp (from /issm/trunk-jpl/src/c/classes/objects/Node.cpp:15011)
A /issm/trunk-jpl/src/c/classes/Node.h (from /issm/trunk-jpl/src/c/classes/objects/Node.h:15011)
A /issm/trunk-jpl/src/c/classes/Nodes.cpp (from /issm/trunk-jpl/src/c/classes/objects/Nodes.cpp:15011)
A /issm/trunk-jpl/src/c/classes/Nodes.h (from /issm/trunk-jpl/src/c/classes/objects/Nodes.h:15011)
A /issm/trunk-jpl/src/c/classes/Object.h (from /issm/trunk-jpl/src/c/classes/objects/Object.h:15011)
A /issm/trunk-jpl/src/c/classes/Options (from /issm/trunk-jpl/src/c/classes/objects/Options:15011)
M /issm/trunk-jpl/src/c/classes/Options/GenericOption.h M /issm/trunk-jpl/src/c/classes/Options/Option.h
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M /issm/trunk-jpl/src/c/classes/Params/DoubleTransientMatParam.cpp M /issm/trunk-
jpl/src/c/classes/Params/DoubleTransientMatParam.h M /issm/trunk-jpl/src/c/classes/Params/DoubleVecParam
M /issm/trunk-jpl/src/c/classes/Params/DoubleVecParam.h M /issm/trunk-
jpl/src/c/classes/Params/FileParam.cpp M /issm/trunk-jpl/src/c/classes/Params/FileParam.h
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M /issm/trunk-jpl/src/c/classes/Params/MatrixParam.h M /issm/trunk-jpl/src/c/classes/Params/Parameters
M /issm/trunk-jpl/src/c/classes/Params/Parameters.h M /issm/trunk-jpl/src/c/classes/Params/StringArrayF
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jpl/src/c/classes/Params/StringParam.cpp M /issm/trunk-jpl/src/c/classes/Params/StringParam.h
M /issm/trunk-jpl/src/c/classes/Params/TransientParam.cpp M /issm/trunk-
jpl/src/c/classes/Params/TransientParam.h M /issm/trunk-jpl/src/c/classes/Params/VectorParam.cpp
M /issm/trunk-jpl/src/c/classes/Params/VectorParam.h A /issm/trunk-jpl/src/c/classes/Profiler.cpp
(from /issm/trunk-jpl/src/c/classes/objects/Profiler.cpp:15011) A /issm/trunk-
jpl/src/c/classes/Profiler.h (from /issm/trunk-jpl/src/c/classes/objects/Profiler.h:15011)
A /issm/trunk-jpl/src/c/classes/Segment.h (from /issm/trunk-jpl/src/c/classes/objects/Segment.h:15011)
A /issm/trunk-jpl/src/c/classes/Vertex.cpp (from /issm/trunk-jpl/src/c/classes/objects/Vertex.cpp:15011)
A /issm/trunk-jpl/src/c/classes/Vertex.h (from /issm/trunk-jpl/src/c/classes/objects/Vertex.h:15011)
A /issm/trunk-jpl/src/c/classes/Vertices.cpp (from /issm/trunk-jpl/src/c/classes/objects/Vertices.cpp:15011)
A /issm/trunk-jpl/src/c/classes/Vertices.h (from /issm/trunk-jpl/src/c/classes/objects/Vertices.h:15011)
M /issm/trunk-jpl/src/c/classes/bamg/BamgGeom.cpp M /issm/trunk-jpl/src/c/classes/bamg/BamgMesh.cp
M /issm/trunk-jpl/src/c/classes/bamg/BamgOpts.cpp M /issm/trunk-jpl/src/c/classes/bamg/BamgQuadtree
M /issm/trunk-jpl/src/c/classes/bamg/BamgQuadtree.h M /issm/trunk-jpl/src/c/classes/bamg/BamgVertex.
M /issm/trunk-jpl/src/c/classes/bamg/Geometry.cpp M /issm/trunk-jpl/src/c/classes/bamg/ListofIntersection
M /issm/trunk-jpl/src/c/classes/bamg/Mesh.cpp M /issm/trunk-jpl/src/c/classes/bamg/SetOfE4.cpp
M /issm/trunk-jpl/src/c/classes/bamg/Triangle.cpp M /issm/trunk-jpl/src/c/classes/classes.h
M /issm/trunk-jpl/src/c/classes/kriging/ExponentialVariogram.cpp M /issm/trunk-
jpl/src/c/classes/kriging/GaussianVariogram.cpp M /issm/trunk-jpl/src/c/classes/kriging/Observation.cpp
M /issm/trunk-jpl/src/c/classes/kriging/Observation.h M /issm/trunk-jpl/src/c/classes/kriging/Observations
M /issm/trunk-jpl/src/c/classes/kriging/Observations.h M /issm/trunk-jpl/src/c/classes/kriging/PowerVariog
M /issm/trunk-jpl/src/c/classes/kriging/Quadtree.cpp M /issm/trunk-jpl/src/c/classes/kriging/SphericalVari
M /issm/trunk-jpl/src/c/classes/kriging/Variogram.h M /issm/trunk-jpl/src/c/classes/matrix/ElementMatrix
M /issm/trunk-jpl/src/c/classes/matrix/ElementVector.h D /issm/trunk-jpl/src/c/classes/objects
M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.h
Export determination: 6.
Rationale: CHG: moved classes/objects back to classes

```

Change #698 with diff file ISSM-15013-15014.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/anim/translate.xml M

/issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image0.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image1.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image10.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image11.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image12.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image13.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image14.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image15.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image16.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image17.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image2.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image3.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image4.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image5.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image6.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image7.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image8.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/res/drawable/image9.png M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ColorBar.java M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/GalleryAdapter.java M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/GalleryImage.java M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ISSM.java M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ISSMAPP.java A /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ImageList.java A /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ImageResizer.java M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/MenuPage.java M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ZoomImageView.java
 Export determination: 6.
 Rationale: CHANGE: Splashscreen loading style. ADD: new implementation and image resizing capability for gallery

Change #699 with diff file ISSM-15014-15015.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/pfe.m

Export determination: 6.

Rationale: CHG: added devel queue to pfe

Change #700 with diff file ISSM-15015-15016.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/hydrology_core.cpp M /issm/trunk-jpl/src/c/classes/Elements/Element.h

M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/Elements/Penta.h
 M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.h
 M /issm/trunk-jpl/src/c/classes/FemModel.cpp M /issm/trunk-jpl/src/c/classes/FemModel.h
 M /issm/trunk-jpl/src/c/classes/Materials/Matpar.cpp M /issm/trunk-jpl/src/c/classes/Materials/Matpar.h
 M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt
 M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/classes/hydrologydc.m
 M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/HydrologydcLeakageFac
 A /issm/trunk-jpl/src/m/enum/HydrologydcTransferFlagEnum.m M /issm/trunk-
 jpl/src/m/enum/MaximumNumberOfEnums.m A /issm/trunk-jpl/src/m/enum/WaterTransferEnum.m
 Export determination: 6.
 Rationale: NEW: Adding the computation of the water transfer between layers

Change #701 with diff file ISSM-15016-15017.diff:

Function name:
 M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.cpp
 M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/distme.f
 Export determination: 6.
 Rationale: CHG: applying dynamic memory allocation

Change #702 with diff file ISSM-15017-15018.diff:

Function name:
 M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.cpp
 Export determination: 6.
 Rationale: CHG: dynamic allocation of field within the GIA core

Change #703 with diff file ISSM-15018-15019.diff:

Function name:
 M /issm/trunk-jpl/test/NightlyRun/IdToName.m M /issm/trunk-jpl/test/NightlyRun/test332.m
 A /issm/trunk-jpl/test/NightlyRun/test333.m
 Export determination: 6.
 Rationale: NEW :Adding test 333 for the control of double layer hydrology

Change #704 with diff file ISSM-15019-15020.diff:

Function name:
 M /issm/trunk-jpl/test/Archives/Archive332.nc A /issm/trunk-jpl/test/Archives/Archive333.nc

Export determination: 6.
Rationale: NEW: archives hydrology

Change #705 with diff file ISSM-15020-15021.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/Loads/Pengrid.cpp

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/CreateParametersHydrologyDCI

M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_hydro_nonlinear.cpp

Export determination: 6.

Rationale: NEW: Introduction of the transfer term in the Pvectors

Change #706 with diff file ISSM-15021-15022.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/model/model.m

Export determination: 6.

Rationale: BUG: fixed problem with gia in collapse

Change #707 with diff file ISSM-15022-15023.diff:

Function name:

D /issm/trunk-jpl/src/mobile/graphics/export/android/Main&Buttons.jpg D /issm/trunk-

jpl/src/mobile/graphics/export/android/about-btn-press.png D /issm/trunk-jpl/src/mobile/graphics/export/

button.png D /issm/trunk-jpl/src/mobile/graphics/export/android/antarctica-

1.png D /issm/trunk-jpl/src/mobile/graphics/export/android/gallery-button.png

D /issm/trunk-jpl/src/mobile/graphics/export/android/greenland-1.png M /issm/trunk-

jpl/src/mobile/graphics/export/android/mainbackground.png A /issm/trunk-

jpl/src/mobile/graphics/export/android/mainbackground_logo.png D /issm/trunk-

jpl/src/mobile/graphics/export/android/play-button.png D /issm/trunk-jpl/src/mobile/graphics/export/andr

button.png D /issm/trunk-jpl/src/mobile/graphics/export/android/tutorial-button.png

D /issm/trunk-jpl/src/mobile/graphics/export/android/video-button.png D /issm/trunk-

jpl/src/mobile/graphics/export/ios/AboutPage.png A /issm/trunk-jpl/src/mobile/graphics/export/ios/ISSM

A /issm/trunk-jpl/src/mobile/graphics/export/ios/JPLlogo.png D /issm/trunk-

jpl/src/mobile/graphics/export/ios/Main&Buttons.jpg D /issm/trunk-jpl/src/mobile/graphics/export/ios/Ma

D /issm/trunk-jpl/src/mobile/graphics/export/ios/TeamPage.png A /issm/trunk-

jpl/src/mobile/graphics/export/ios/UCILogo.png A /issm/trunk-jpl/src/mobile/graphics/export/ios/iOSAbor

A /issm/trunk-jpl/src/mobile/graphics/export/ios/iOSMainBackground.png A

/issm/trunk-jpl/src/mobile/graphics/export/ios/iOSMainBackground_Logo.png

A /issm/trunk-jpl/src/mobile/graphics/export/ios/iOSTeamPage.png A /issm/trunk-

jpl/src/mobile/graphics/export/ios/snowflake_btn.png A /issm/trunk-jpl/src/mobile/graphics/export/ios/sno

D /issm/trunk-jpl/src/mobile/graphics/photoshop/First.zip A /issm/trunk-jpl/src/mobile/graphics/photoshop/First.zip
A /issm/trunk-jpl/src/mobile/graphics/photoshop/iOSMainBackground.psd A /issm/trunk-jpl/src/mobile/graphics/photoshop/iOSMainBackground.psd
/issm/trunk-jpl/src/mobile/graphics/photoshop/iOSTeamPage.psd D /issm/trunk-jpl/src/mobile/graphics/photoshop/snowflake.jpg
Export determination: 6.
Rationale: added new images to ios folder and deleted the extra images from ios, android, photoshop folders

Change #708 with diff file ISSM-15023-15024.diff:

Function name:

D /issm/trunk-jpl/externalpackages/mumps/mumps-4.10.0-p3.tar.gz

Export determination: 6.

Rationale: DEL: deleted archive

Change #709 with diff file ISSM-15024-15025.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.cpp

M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/ojrule.f M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/stot.f M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/what0.f

Export determination: 6.

Rationale: CHG: dynamic memory allocation done. gives stable solutions. need to refine codes a bit though

Change #710 with diff file ISSM-15025-15026.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.cpp

M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/distme.f M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/what0.f

Export determination: 6.

Rationale: some clean up

Change #711 with diff file ISSM-15026-15027.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/distme.f

Export determination: 6.

Rationale: CHG: minor

Change #712 with diff file ISSM-15027-15028.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test2001.m M /issm/trunk-jpl/test/NightlyRun/test2051.m
M /issm/trunk-jpl/test/NightlyRun/test2052.m M /issm/trunk-jpl/test/NightlyRun/test2053.m
M /issm/trunk-jpl/test/NightlyRun/test2061.m M /issm/trunk-jpl/test/NightlyRun/test2062.m
M /issm/trunk-jpl/test/NightlyRun/test2063.m M /issm/trunk-jpl/test/NightlyRun/test2071.m
M /issm/trunk-jpl/test/NightlyRun/test2072.m M /issm/trunk-jpl/test/NightlyRun/test2073.m
M /issm/trunk-jpl/test/NightlyRun/test2081.m M /issm/trunk-jpl/test/NightlyRun/test2082.m
M /issm/trunk-jpl/test/NightlyRun/test2083.m

Export determination: 6.

Rationale: CHG: some changes in commentaries

Change #713 with diff file ISSM-15028-15029.diff:

Function name:

A /issm/trunk-jpl/src/mobile/ios/ISSM_APP A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP
A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/AboutViewController.h
A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/AboutViewController.m
A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/AppDelegate.h
A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/AppDelegate.m
A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/Default-568h@2x.png A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/Default.png
A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/Default@2x.png
A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/GalleryViewController.h
A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/GalleryViewController.m
A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/ISSM_APP-Info.plist A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/ISSM_APP-Prefix.pch A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/MenuPageViewController.h
A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/MenuPageViewController.m
A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/TeamViewController.h
A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/TeamViewController.m
A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/en.lproj
A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/en.lproj/InfoPlist.strings
A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/en.lproj/MainStoryboard_iPad.storyboard
A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/en.lproj/MainStoryboard_iPhone.storyboard
A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/main.m
A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP.xcodeproj
A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP.xcodeproj/project.pbxproj

A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP.xcodeproj/project.xcworkspace
 A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP.xcodeproj/project.xcworkspace/content
 A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP.xcodeproj/project.xcworkspace/xcuserd
 A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP.xcodeproj/project.xcworkspace/xcuserd
 A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP.xcodeproj/project.xcworkspace/xcuserd
 A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP.xcodeproj/project.xcworkspace/xcuserd
 A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP.xcodeproj/project.xcworkspace/xcuserd
 A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP.xcodeproj/xcuserdata
 A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP.xcodeproj/xcuserdata/kitpetrie.xcuserd
 A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP.xcodeproj/xcuserdata/kitpetrie.xcuserd
 A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP.xcodeproj/xcuserdata/kitpetrie.xcuserd
 A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP.xcodeproj/xcuserdata/kitpetrie.xcuserd
 A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APPTests A
 /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APPTests/ISSM_APPTests-
 Info.plist A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APPTests/ISSM_APPTests.h
 A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APPTests/ISSM_APPTests.m
 A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APPTests/en.lproj
 A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APPTests/en.lproj/InfoPlist.strings
 A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/VideoViewController.h
 A /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/VideoViewController.m
 A /issm/trunk-jpl/src/mobile/ios/Makefile A /issm/trunk-jpl/src/mobile/ios/Makefile.in
 Export determination: 6.
 Rationale: Added XCode project with menupage and storyboard for all pages.

Change #714 with diff file ISSM-15029-15030.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/petsc/patches/NewMat.cpp

Export determination: 6.

Rationale: CHG: fixing compilation for PETSc 3.4

Change #715 with diff file ISSM-15030-15031.diff:

Function name:

D /issm/trunk-jpl/src/mobile/ios/Makefile D /issm/trunk-jpl/src/mobile/ios/Makefile.in

Export determination: 6.

Rationale: CHG: do not commit Makefile and Makefile.in

Change #716 with diff file ISSM-15031-15032.diff:

Function name:

A /issm/trunk-jpl/externalpackages/mpich/install-3.0-macosx64.sh

Export determination: 6.
Rationale: NEW: added install-3.0-macosx64.sh

Change #717 with diff file ISSM-15032-15033.diff:
Function name:
A /issm/trunk-jpl/externalpackages/petsc/install-3.4-macosx64.sh
Export determination: 6.
Rationale: NEW: added install-3.4-macosx64.sh and removed install-* from ignored files

Change #718 with diff file ISSM-15033-15034.diff:
Function name:
M /issm/trunk-jpl/externalpackages/petsc
Export determination: 6.
Rationale: NEW: added install-3.4-macosx64.sh and removed install-* from ignored files

Change #719 with diff file ISSM-15034-15035.diff:
Function name:
A /issm/trunk-jpl/externalpackages/petsc/install-3.4-linux64.sh
Export determination: 6.
Rationale: NEW: added install-3.4-linux64.sh

Change #720 with diff file ISSM-15035-15036.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/applyoptions.m M /issm/trunk-jpl/src/m/plot/plotdoc.m
Export determination: 6.
Rationale: allow a cell of linewidth values for multiple expdisp plots

Change #721 with diff file ISSM-15036-15037.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Node.cpp M /issm/trunk-jpl/src/c/classes/Node.h
Export determination: 6.

Rationale: DEL: removed useless functions

Change #722 with diff file ISSM-15037-15038.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/hydrology_core.cpp M /issm/trunk-jpl/src/c/classes/Constraints/Constrain
M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp
M /issm/trunk-jpl/src/c/classes/FemModel.cpp M /issm/trunk-jpl/src/c/classes/Inputs/Input.h
M /issm/trunk-jpl/src/c/classes/Inputs/Inputs.cpp M /issm/trunk-jpl/src/c/classes/Node.cpp
M /issm/trunk-jpl/src/c/classes/Nodes.h M /issm/trunk-jpl/src/c/classes/Params/Parameters.cpp
M /issm/trunk-jpl/src/c/classes/Params/Parameters.h M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/ModelProcessorx.h M /issm/trunk-
jpl/src/c/shared/Numerics/extrema.cpp

Export determination: 6.

Rationale: CHG: cosmetics (removed double blank lines)

Change #723 with diff file ISSM-15038-15039.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Node.cpp M /issm/trunk-jpl/src/c/classes/Node.h

Export determination: 6.

Rationale: CHG: removing approximation from inputs

Change #724 with diff file ISSM-15039-15040.diff:

Function name:

A /issm/trunk-jpl/src/m/contrib/massbalance/outflux.m

Export determination: 6.

Rationale: NEW: added outflux routine to compute model discharge

Change #725 with diff file ISSM-15040-15041.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp
M /issm/trunk-jpl/src/c/classes/Materials/Matdamageice.cpp M /issm/trunk-
jpl/src/c/classes/Materials/Matice.cpp M /issm/trunk-jpl/src/c/classes/Node.cpp
M /issm/trunk-jpl/src/c/classes/Node.h M /issm/trunk-jpl/src/c/classes/Vertex.cpp
M /issm/trunk-jpl/src/c/classes/Vertex.h

Export determination: 6.

Rationale: CHG: do not use nodes to get vertex info

Change #726 with diff file ISSM-15041-15042.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp

Export determination: 6.

Rationale: CHG: removed automated penalty when surface slopes ≥ 0.06

Change #727 with diff file ISSM-15042-15043.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp

Export determination: 6.

Rationale: CHG: removed unused variables

Change #728 with diff file ISSM-15043-15044.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/applyoptions.m

Export determination: 6.

Rationale: BUG: fix for multiple linewidths if no values specified

Change #729 with diff file ISSM-15044-15045.diff:

Function name:

M /issm/trunk-jpl/externalpackages/petsc

Export determination: 6.

Rationale: CHG: get svn to ignore some files

Change #730 with diff file ISSM-15045-15046.diff:

Function name:

M /issm/trunk-jpl/externalpackages/petsc M /issm/trunk-jpl/externalpackages/petsc/install-3.3-walgreen.sh

Export determination: 6.

Rationale: CHG: do not ignore install-* because otherwise we don't see any changes for installation scripts

Change #731 with diff file ISSM-15046-15047.diff:

Function name:

M /issm/trunk-jpl/externalpackages/petsc

Export determination: 6.

Rationale: CHG: get svn to ignore some files

Change #732 with diff file ISSM-15047-15048.diff:

Function name:

M /issm/trunk-jpl/externalpackages/petsc

Export determination: 6.

Rationale: CHG: ignore petscinstall-*

Change #733 with diff file ISSM-15048-15049.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am D /issm/trunk-jpl/src/c/classes/ToolkitOptions.cpp

D /issm/trunk-jpl/src/c/classes/ToolkitOptions.h M /issm/trunk-jpl/src/c/classes/classes.h

M /issm/trunk-jpl/src/c/main/globals.h A /issm/trunk-jpl/src/c/toolkits/ToolkitOptions.cpp

(from /issm/trunk-jpl/src/c/classes/ToolkitOptions.cpp:15043) A /issm/trunk-jpl/src/c/toolkits/ToolkitOptions.h (from /issm/trunk-jpl/src/c/classes/ToolkitOptions.h:15043)

M /issm/trunk-jpl/src/c/toolkits/issm/IssmMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmToolkitUtils.cpp

M /issm/trunk-jpl/src/c/toolkits/toolkits.h

Export determination: 6.

Rationale: CHG: transferred ToolkitOptions to the toolkits directory. More logical place

Change #734 with diff file ISSM-15049-15050.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am A /issm/trunk-jpl/src/c/classes/Contours.cpp

A /issm/trunk-jpl/src/c/classes/Contours.h M /issm/trunk-jpl/src/c/classes/DataSet.cpp

M /issm/trunk-jpl/src/c/classes/DataSet.h M /issm/trunk-jpl/src/c/classes/Elements/Elements.h

M /issm/trunk-jpl/src/c/classes/Elements/Penta.h M /issm/trunk-jpl/src/c/classes/Elements/Tria.h

M /issm/trunk-jpl/src/c/classes/classes.h M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h

M /issm/trunk-jpl/src/c/shared/Enum/EnumToStringx.cpp M /issm/trunk-jpl/src/c/shared/Enum/StringToEnum.cpp

A /issm/trunk-jpl/src/m/enum/ContoursEnum.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py

M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m M /issm/trunk-jpl/src/wrappers/ExpSimplify/ExpSimplify.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/FetchMatlabData.cpp

Export determination: 6.

Rationale: CHG: created new Contours class, and took out whatever function-

ality was not DataSet specific from the DataSet container. Moving towards transferring DataSet and Object to shared library to sever ties between classes and toolkits

Change #735 with diff file ISSM-15050-15051.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/gsl/DenseGslSolve.cpp

Export determination: 6.

Rationale: CHG: previous commit uncovered some nasty dependences in toolkits

Change #736 with diff file ISSM-15051-15052.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/Elements/Elements.cpp

M /issm/trunk-jpl/src/c/classes/classes.h D /issm/trunk-jpl/src/c/classes/toolkits

M /issm/trunk-jpl/src/c/modules/Solverx/Solverx.h A /issm/trunk-jpl/src/c/toolkits/objects

A /issm/trunk-jpl/src/c/toolkits/objects/Matrix.h (from /issm/trunk-jpl/src/c/classes/toolkits/Matrix.h:1504)

A /issm/trunk-jpl/src/c/toolkits/objects/Solver.h (from /issm/trunk-jpl/src/c/classes/toolkits/Solver.h:15047)

A /issm/trunk-jpl/src/c/toolkits/objects/Vector.h (from /issm/trunk-jpl/src/c/classes/toolkits/Vector.h:1504)

A /issm/trunk-jpl/src/c/toolkits/objects/toolkitobjects.h (from /issm/trunk-jpl/src/c/classes/toolkits/toolkitobjects.h:15047) M /issm/trunk-jpl/src/c/toolkits/toolkits.h

Export determination: 6.

Rationale: CHG: moved Solver.h, Vector.h and Matrix.h from classes/toolkits to toolkits/objects, where it makes more sense.

Change #737 with diff file ISSM-15052-15053.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/issm/IssmAbsMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmAbsVec.h

M /issm/trunk-jpl/src/c/toolkits/issm/IssmMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.h

M /issm/trunk-jpl/src/c/toolkits/issm/IssmSolver.cpp M /issm/trunk-jpl/src/c/toolkits/issm/IssmSolver.h

Export determination: 6.

Rationale: CHG: minor

Change #738 with diff file ISSM-15053-15054.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am D /issm/trunk-jpl/src/c/classes/AdolcEdf.h

M /issm/trunk-jpl/src/c/classes/classes.h A /issm/trunk-jpl/src/c/toolkits/adolc
A /issm/trunk-jpl/src/c/toolkits/adolc/AdolcEdf.h (from /issm/trunk-jpl/src/c/classes/AdolcEdf.h:15047)
A /issm/trunk-jpl/src/c/toolkits/adolc/adolcincludes.h M /issm/trunk-jpl/src/c/toolkits/gsl/DenseGslSolve.c
M /issm/trunk-jpl/src/c/toolkits/toolkits.h
Export determination: 6.
Rationale: CHG: moved AdolcEdf from classes to toolkits/adolc Created adolc
directory for adolc patches.

Change #739 with diff file ISSM-15054-15055.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.h

Export determination: 6.

Rationale: BUG: fixed grounding line problem

Change #740 with diff file ISSM-15055-15056.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/analyses/CMakeLists.txt

M /issm/trunk-jpl/src/c/analyses/analyses.h M /issm/trunk-jpl/src/c/analyses/control_core.cpp

D /issm/trunk-jpl/src/c/analyses/controlconvergence.cpp D /issm/trunk-jpl/src/c/analyses/controlrestart.cpp

D /issm/trunk-jpl/src/c/analyses/convergence.cpp M /issm/trunk-jpl/src/c/analyses/steadystate_core.cpp

D /issm/trunk-jpl/src/c/analyses/steadystateconvergence.cpp A /issm/trunk-jpl/src/c/solutionsequences/convergence.cpp (from /issm/trunk-jpl/src/c/analyses/convergence.cpp:15053)

M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_newton.cpp M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_nonlinear.cpp

M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_nonlinear.cpp M /issm/trunk-jpl/src/c/solutionsequences/solutionsequences.h

M /issm/trunk-jpl/src/c/solutionsequences/solutionsequences.h

Export determination: 6.

Rationale: CHG: moved convergence stuff to solutionsequences (solutionsequences should not include analyses.h)

Change #741 with diff file ISSM-15056-15057.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/applyoptions.m

Export determination: 6.

Rationale: NEW: multiple insets can be plotted in plotmodel

Change #742 with diff file ISSM-15057-15058.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/applyoptions.m

Export determination: 6.

Rationale: BUG: fixed bug for single inset

Change #743 with diff file ISSM-15058-15059.diff:

Function name:

M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_nonlinear.cpp

Export determination: 6.

Rationale: DEL: removed old.ug not needed

Change #744 with diff file ISSM-15059-15060.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive423.nc

Export determination: 6.

Rationale: FIX: Nightly run update for grounding line

Change #745 with diff file ISSM-15060-15061.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Element.h M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp

M /issm/trunk-jpl/src/c/classes/Elements/Penta.h M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp

M /issm/trunk-jpl/src/c/classes/Elements/Tria.h

Export determination: 6.

Rationale: CHG: moving BasisInt to generic functions + some cleanup

Change #746 with diff file ISSM-15061-15062.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am A /issm/trunk-jpl/src/c/bamg (from /issm/trunk-jpl/src/c/classes/bamg:15060) M /issm/trunk-jpl/src/c/bamg/BamgGeom.cpp

M /issm/trunk-jpl/src/c/bamg/BamgMesh.cpp M /issm/trunk-jpl/src/c/bamg/BamgOpts.cpp

M /issm/trunk-jpl/src/c/bamg/BamgQuadtree.cpp M /issm/trunk-jpl/src/c/bamg/BamgQuadtree.h

M /issm/trunk-jpl/src/c/bamg/BamgVertex.cpp M /issm/trunk-jpl/src/c/bamg/Curve.h

M /issm/trunk-jpl/src/c/bamg/Direction.h M /issm/trunk-jpl/src/c/bamg/Edge.cpp

M /issm/trunk-jpl/src/c/bamg/Edge.h M /issm/trunk-jpl/src/c/bamg/EigenMetric.cpp

M /issm/trunk-jpl/src/c/bamg/GeomEdge.cpp M /issm/trunk-jpl/src/c/bamg/GeomVertex.cpp
M /issm/trunk-jpl/src/c/bamg/Geometry.cpp M /issm/trunk-jpl/src/c/bamg/ListofIntersectionTriangles.cpp
M /issm/trunk-jpl/src/c/bamg/Mesh.cpp M /issm/trunk-jpl/src/c/bamg/Metric.cpp
M /issm/trunk-jpl/src/c/bamg/Metric.h M /issm/trunk-jpl/src/c/bamg/SetOfE4.cpp
M /issm/trunk-jpl/src/c/bamg/Triangle.cpp M /issm/trunk-jpl/src/c/bamg/det.h
D /issm/trunk-jpl/src/c/classes/bamg M /issm/trunk-jpl/src/c/classes/classes.h
M /issm/trunk-jpl/src/c/modules/BamgConvertMeshx/BamgConvertMeshx.cpp
M /issm/trunk-jpl/src/c/modules/Bamgx/Bamgx.cpp M /issm/trunk-jpl/src/c/modules/Bamgx/Bamgx.h
M /issm/trunk-jpl/src/wrappers/matlab/io/matlabio.h M /issm/trunk-jpl/src/wrappers/python/io/pythonio.
Export determination: 6.
Rationale: CHG: moved all the bamg objects to bamg. Will progressively try
and unplug the bamg and make it into a library.

Change #747 with diff file ISSM-15062-15063.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.h
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/CreateParametersHydrologyDCI
M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt
M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/c/solutionsequences/soluti
M /issm/trunk-jpl/src/m/classes/hydrologydc.m M /issm/trunk-jpl/src/m/contrib/paraview/writeVTKcell.m
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/HydrologydcRelTolEnum
M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m

Export determination: 6.

Rationale: CHG: adding the convergence test in the outer loop of the hydrolog-
ical system

Change #748 with diff file ISSM-15063-15064.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/TriaSearchx/TriaSearchx.cpp

Export determination: 6.

Rationale: CHG: trying to fix compilation pb

Change #749 with diff file ISSM-15064-15065.diff:

Function name:

A /issm/trunk-jpl/patches A /issm/trunk-jpl/patches/Makefile.am-C.patch A
/issm/trunk-jpl/patches/Makefile.am-MATLAB.patch A /issm/trunk-jpl/patches/issm_options.m4.bak

Export determination: 6.

Rationale: CHG: temporary patches for windows build

Change #750 with diff file ISSM-15065-15066.diff:

Function name:

M /issm/trunk-jpl/src/c/bamg/BamgGeom.cpp M /issm/trunk-jpl/src/c/bamg/BamgMesh.cpp
M /issm/trunk-jpl/src/c/bamg/BamgOpts.cpp M /issm/trunk-jpl/src/c/bamg/BamgQuadtree.cpp
M /issm/trunk-jpl/src/c/bamg/BamgVertex.cpp M /issm/trunk-jpl/src/c/bamg/Geometry.cpp
M /issm/trunk-jpl/src/c/bamg/ListofIntersectionTriangles.cpp M /issm/trunk-jpl/src/c/bamg/Mesh.cpp M /issm/trunk-jpl/src/c/bamg/SetOfE4.cpp M /issm/trunk-jpl/src/c/bamg/Triangle.cpp M /issm/trunk-jpl/src/c/modules/BamgConvertMeshx/BamgConvertMeshx.h
M /issm/trunk-jpl/src/c/modules/BamgTriangulatem/BamgTriangulatem.cpp M /issm/trunk-jpl/src/c/modules/InterpFromMeshToMesh2dx/InterpFromMeshToMesh2dx.cpp

Export determination: 6.

Rationale: CHG: fixing issues with relocation of bamg objects outside of classes/

Change #751 with diff file ISSM-15066-15067.diff:

Function name:

M /issm/trunk-jpl/src/c/bamg/AdjacentTriangle.h M /issm/trunk-jpl/src/c/bamg/BamgGeom.cpp
M /issm/trunk-jpl/src/c/bamg/BamgMesh.cpp M /issm/trunk-jpl/src/c/bamg/BamgOpts.cpp
M /issm/trunk-jpl/src/c/bamg/BamgQuadtree.cpp M /issm/trunk-jpl/src/c/bamg/BamgVertex.cpp
M /issm/trunk-jpl/src/c/bamg/BamgVertex.h M /issm/trunk-jpl/src/c/bamg/CrackedEdge.h
M /issm/trunk-jpl/src/c/bamg/Curve.h M /issm/trunk-jpl/src/c/bamg/Edge.h
M /issm/trunk-jpl/src/c/bamg/GeomEdge.h M /issm/trunk-jpl/src/c/bamg/GeomSubDomain.h
M /issm/trunk-jpl/src/c/bamg/Geometry.cpp M /issm/trunk-jpl/src/c/bamg/ListofIntersectionTriangles.cpp
M /issm/trunk-jpl/src/c/bamg/Mesh.cpp M /issm/trunk-jpl/src/c/bamg/Mesh.h
M /issm/trunk-jpl/src/c/bamg/SetOfE4.cpp M /issm/trunk-jpl/src/c/bamg/SubDomain.h
M /issm/trunk-jpl/src/c/bamg/Triangle.cpp M /issm/trunk-jpl/src/c/bamg/Triangle.h
M /issm/trunk-jpl/src/c/bamg/VertexOnEdge.h M /issm/trunk-jpl/src/c/bamg/VertexOnGeom.h
M /issm/trunk-jpl/src/c/bamg/VertexOnVertex.h

Export determination: 6.

Rationale: CHG: cutting links between bamg and classes even more.

Change #752 with diff file ISSM-15067-15068.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/bamg/BamgQuadtree.cpp
M /issm/trunk-jpl/src/c/bamg/BamgQuadtree.h M /issm/trunk-jpl/src/c/bamg/Curve.h
M /issm/trunk-jpl/src/c/bamg/Edge.cpp M /issm/trunk-jpl/src/c/bamg/Edge.h
M /issm/trunk-jpl/src/c/bamg/EigenMetric.cpp M /issm/trunk-jpl/src/c/bamg/GeomEdge.cpp
M /issm/trunk-jpl/src/c/bamg/GeomVertex.cpp M /issm/trunk-jpl/src/c/bamg/Metric.cpp

```

M /issm/trunk-jpl/src/c/bamg/Metric.h M /issm/trunk-jpl/src/c/classes/Bucket.h
M /issm/trunk-jpl/src/c/classes/Constraints/Constraint.h M /issm/trunk-jpl/src/c/classes/Constraints/Const
M /issm/trunk-jpl/src/c/classes/Constraints/SpcDynamic.h M /issm/trunk-jpl/src/c/classes/Constraints/Spc
M /issm/trunk-jpl/src/c/classes/Constraints/SpcTransient.h M /issm/trunk-
jpl/src/c/classes/Contour.h M /issm/trunk-jpl/src/c/classes/Contours.h D /issm/trunk-
jpl/src/c/classes/DataSet.cpp D /issm/trunk-jpl/src/c/classes/DataSet.h M /issm/trunk-
jpl/src/c/classes/DependentObject.h M /issm/trunk-jpl/src/c/classes/ElementResults/ElementResult.h
M /issm/trunk-jpl/src/c/classes/Elements/Element.h M /issm/trunk-jpl/src/c/classes/Elements/Elements.h
M /issm/trunk-jpl/src/c/classes/ExternalResults/ExternalResult.h M /issm/trunk-
jpl/src/c/classes/ExternalResults/Results.h M /issm/trunk-jpl/src/c/classes/FemModel.h
M /issm/trunk-jpl/src/c/classes/Hook.h M /issm/trunk-jpl/src/c/classes/IndependentObject.h
M /issm/trunk-jpl/src/c/classes/Inputs/Input.h M /issm/trunk-jpl/src/c/classes/Inputs/Inputs.h
M /issm/trunk-jpl/src/c/classes/KML/KMLFileReadUtils.h M /issm/trunk-jpl/src/c/classes/KML/KML_Attr
M /issm/trunk-jpl/src/c/classes/KML/KML.Comment.h M /issm/trunk-jpl/src/c/classes/KML/KML_Feature
M /issm/trunk-jpl/src/c/classes/KML/KML.Geometry.h M /issm/trunk-jpl/src/c/classes/KML/KML_Icon.h
M /issm/trunk-jpl/src/c/classes/KML/KML.LatLonBox.h M /issm/trunk-jpl/src/c/classes/KML/KML_Object
M /issm/trunk-jpl/src/c/classes/KML/KML.StyleSelector.h M /issm/trunk-jpl/src/c/classes/KML/KML_Sub
M /issm/trunk-jpl/src/c/classes/KML/KML.Unknown.h M /issm/trunk-jpl/src/c/classes/Loads/Load.h
M /issm/trunk-jpl/src/c/classes/Loads/Loads.h M /issm/trunk-jpl/src/c/classes/Materials/Material.h
M /issm/trunk-jpl/src/c/classes/Materials/Materials.h M /issm/trunk-jpl/src/c/classes/Node.h
M /issm/trunk-jpl/src/c/classes/Nodes.h D /issm/trunk-jpl/src/c/classes/Object.h
M /issm/trunk-jpl/src/c/classes/Options/GenericOption.h M /issm/trunk-jpl/src/c/classes/Options/Option.h
M /issm/trunk-jpl/src/c/classes/Options/Options.cpp M /issm/trunk-jpl/src/c/classes/Options/Options.h
M /issm/trunk-jpl/src/c/classes/Params/Param.h M /issm/trunk-jpl/src/c/classes/Params/Parameters.h
M /issm/trunk-jpl/src/c/classes/Profiler.h M /issm/trunk-jpl/src/c/classes/Segment.h
M /issm/trunk-jpl/src/c/classes/Vertices.h M /issm/trunk-jpl/src/c/classes/classes.h
M /issm/trunk-jpl/src/c/classes/kriging/Observation.h M /issm/trunk-jpl/src/c/classes/kriging/Observations
M /issm/trunk-jpl/src/c/classes/kriging/Observations.h M /issm/trunk-jpl/src/c/classes/kriging/Variogram.h
M /issm/trunk-jpl/src/c/classes/matrix/ElementMatrix.h M /issm/trunk-jpl/src/c/classes/matrix/ElementVe
A /issm/trunk-jpl/src/c/datastructures A /issm/trunk-jpl/src/c/datastructures/DataSet.cpp
(from /issm/trunk-jpl/src/c/classes/DataSet.cpp:15066) A /issm/trunk-jpl/src/c/datastructures/DataSet.h
A /issm/trunk-jpl/src/c/datastructures/Object.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.h
Export determination: 6.

```

Rationale: CHG: moved DataSet.h and Object.h into a directory called datastructures/ This should be our first building block which along shared/ will be used by every other library we build. Not sure whether to make it into a library for now.

Change #753 with diff file ISSM-15068-15069.diff:

Function name:

```

M /issm/trunk-jpl/src/c/Makefile.am D /issm/trunk-jpl/src/c/classes/KML M
/issm/trunk-jpl/src/c/classes/classes.h A /issm/trunk-jpl/src/c/datastructures/datastructures.h
A /issm/trunk-jpl/src/c/kml (from /issm/trunk-jpl/src/c/classes/KML:15066)

```

M /issm/trunk-jpl/src/c/kml/KMLFileReadUtils.cpp R /issm/trunk-jpl/src/c/kml/KMLFileReadUtils.h
(from /issm/trunk-jpl/src/c/classes/KML/KMLFileReadUtils.h:15067) M /issm/trunk-jpl/src/c/kml/KML_Attribute.cpp R /issm/trunk-jpl/src/c/kml/KML_Attribute.h
(from /issm/trunk-jpl/src/c/classes/KML/KML_Attribute.h:15067) M /issm/trunk-jpl/src/c/kml/KML_ColorStyle.cpp M /issm/trunk-jpl/src/c/kml/KML_ColorStyle.h
M /issm/trunk-jpl/src/c/kml/KML_Comment.cpp R /issm/trunk-jpl/src/c/kml/KML_Comment.h
(from /issm/trunk-jpl/src/c/classes/KML/KML_Comment.h:15067) M /issm/trunk-jpl/src/c/kml/KML_Container.cpp M /issm/trunk-jpl/src/c/kml/KML_Container.h
M /issm/trunk-jpl/src/c/kml/KML_Document.cpp M /issm/trunk-jpl/src/c/kml/KML_Document.h
M /issm/trunk-jpl/src/c/kml/KML_Feature.cpp R /issm/trunk-jpl/src/c/kml/KML_Feature.h
(from /issm/trunk-jpl/src/c/classes/KML/KML_Feature.h:15067) M /issm/trunk-jpl/src/c/kml/KML_File.cpp M /issm/trunk-jpl/src/c/kml/KML_File.h M /issm/trunk-jpl/src/c/kml/KML_Folder.cpp M /issm/trunk-jpl/src/c/kml/KML_Folder.h M /issm/trunk-jpl/src/c/kml/KML_Geometry.cpp R /issm/trunk-jpl/src/c/kml/KML_Geometry.h
(from /issm/trunk-jpl/src/c/classes/KML/KML_Geometry.h:15067) M /issm/trunk-jpl/src/c/kml/KML_GroundOverlay.cpp M /issm/trunk-jpl/src/c/kml/KML_GroundOverlay.h
M /issm/trunk-jpl/src/c/kml/KML_Icon.cpp R /issm/trunk-jpl/src/c/kml/KML_Icon.h
(from /issm/trunk-jpl/src/c/classes/KML/KML_Icon.h:15067) M /issm/trunk-jpl/src/c/kml/KML_LatLonBox.cpp R /issm/trunk-jpl/src/c/kml/KML_LatLonBox.h
(from /issm/trunk-jpl/src/c/classes/KML/KML_LatLonBox.h:15067) M /issm/trunk-jpl/src/c/kml/KML_LineString.cpp M /issm/trunk-jpl/src/c/kml/KML_LineString.h
M /issm/trunk-jpl/src/c/kml/KML_LineStyle.cpp M /issm/trunk-jpl/src/c/kml/KML_LineStyle.h
M /issm/trunk-jpl/src/c/kml/KML_LinearRing.cpp M /issm/trunk-jpl/src/c/kml/KML_LinearRing.h
M /issm/trunk-jpl/src/c/kml/KML_MultiGeometry.cpp M /issm/trunk-jpl/src/c/kml/KML_MultiGeometry.h
M /issm/trunk-jpl/src/c/kml/KML_Object.cpp R /issm/trunk-jpl/src/c/kml/KML_Object.h
(from /issm/trunk-jpl/src/c/classes/KML/KML_Object.h:15067) M /issm/trunk-jpl/src/c/kml/KML_Overlay.cpp M /issm/trunk-jpl/src/c/kml/KML_Overlay.h
M /issm/trunk-jpl/src/c/kml/KML_Placemark.cpp M /issm/trunk-jpl/src/c/kml/KML_Placemark.h
M /issm/trunk-jpl/src/c/kml/KML_Point.cpp M /issm/trunk-jpl/src/c/kml/KML_Point.h
M /issm/trunk-jpl/src/c/kml/KML_PolyStyle.cpp M /issm/trunk-jpl/src/c/kml/KML_PolyStyle.h
M /issm/trunk-jpl/src/c/kml/KML_Polygon.cpp M /issm/trunk-jpl/src/c/kml/KML_Polygon.h
M /issm/trunk-jpl/src/c/kml/KML_Style.cpp M /issm/trunk-jpl/src/c/kml/KML_Style.h
M /issm/trunk-jpl/src/c/kml/KML_StyleSelector.cpp R /issm/trunk-jpl/src/c/kml/KML_StyleSelector.h
(from /issm/trunk-jpl/src/c/classes/KML/KML_StyleSelector.h:15067) M /issm/trunk-jpl/src/c/kml/KML_SubStyle.cpp R /issm/trunk-jpl/src/c/kml/KML_SubStyle.h
(from /issm/trunk-jpl/src/c/classes/KML/KML_SubStyle.h:15067) M /issm/trunk-jpl/src/c/kml/KML_Unknown.cpp R /issm/trunk-jpl/src/c/kml/KML_Unknown.h
(from /issm/trunk-jpl/src/c/classes/KML/KML_Unknown.h:15067) A /issm/trunk-jpl/src/c/kml/kmlobjects.h M /issm/trunk-jpl/src/c/modules/Exp2Kmlx/Exp2Kmlx.cpp
M /issm/trunk-jpl/src/c/modules/KMLFileReadx/KMLFileReadx.h M /issm/trunk-jpl/src/c/modules/KMLMeshWritex/KMLMeshWritex.h M /issm/trunk-jpl/src/c/modules/KMLOverlayx/KMLOverlayx.h

Export determination: 6.

Rationale: CHG: finished moving the kml objects from the classes directory to the kml directory.

Change #754 with diff file ISSM-15069-15070.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/kml/KMLFileReadUtils.cpp
M /issm/trunk-jpl/src/c/kml/KML_LineString.cpp M /issm/trunk-jpl/src/c/kml/KML_LinearRing.cpp
M /issm/trunk-jpl/src/c/kml/KML_Point.cpp M /issm/trunk-jpl/src/c/modules/Exp2Kmlx/Exp2Kmlx.cpp
M /issm/trunk-jpl/src/c/modules/Kml2Expx/Kml2Expx.cpp D /issm/trunk-jpl/src/c/modules/Ll2xyx M /issm/trunk-jpl/src/c/modules/Shp2Expx/Shp2Expx.cpp
M /issm/trunk-jpl/src/c/modules/Shp2Kmlx/Shp2Kmlx.cpp D /issm/trunk-jpl/src/c/modules/Xy2llx M /issm/trunk-jpl/src/c/modules/modules.h A /issm/trunk-jpl/src/c/shared/LatLong A /issm/trunk-jpl/src/c/shared/LatLong/Ll2xyx.cpp
(from /issm/trunk-jpl/src/c/modules/Ll2xyx/Ll2xyx.cpp:15067) A /issm/trunk-jpl/src/c/shared/LatLong/Xy2llx.cpp (from /issm/trunk-jpl/src/c/modules/Xy2llx/Xy2llx.cpp:15067)
A /issm/trunk-jpl/src/c/shared/LatLong/latlong.h M /issm/trunk-jpl/src/c/shared/shared.h

Export determination: 6.

Rationale: CHG: in order to unhook kml objects from modules, had to transfer the Ll2xyx and Xy2llx functionality to shared/

Change #755 with diff file ISSM-15070-15071.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am D /issm/trunk-jpl/src/c/classes/Bucket.h
M /issm/trunk-jpl/src/c/classes/classes.h M /issm/trunk-jpl/src/c/toolkits/gsl/DenseGslSolve.cpp
A /issm/trunk-jpl/src/c/toolkits/issm/Bucket.h (from /issm/trunk-jpl/src/c/classes/Bucket.h:15067)
M /issm/trunk-jpl/src/c/toolkits/issm/IssmDenseMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.h

Export determination: 6.

Rationale: CHG: moved Bucket.h to issm toolkit location. There only remains one hook between toolkits and classes, which should be worked on.

Change #756 with diff file ISSM-15071-15072.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/gauss/GaussPenta.cpp M /issm/trunk-jpl/src/c/classes/gauss/GaussPenta.h
M /issm/trunk-jpl/src/c/classes/gauss/GaussTria.cpp M /issm/trunk-jpl/src/c/classes/gauss/GaussTria.h
M /issm/trunk-jpl/src/c/shared/Numerics/GaussPoints.cpp M /issm/trunk-jpl/src/c/shared/Numerics/GaussPoints.h

Export determination: 6.

Rationale: CHG: changes due to grounding line dynamics made the introduction of IssmDouble fractions into the Gauss routines necessary. Had to adapt the Gauss Points to be able to compile the Adolc mode of ISSM.

Change #757 with diff file ISSM-15072-15073.diff:

Function name:
M /issm/trunk-jpl/src/c/shared/Bamg/HeapSort.h
Export determination: 6.
Rationale: CHG: added some comments

Change #758 with diff file ISSM-15073-15074.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/FemModel.cpp
Export determination: 6.
Rationale: CHG: minor

Change #759 with diff file ISSM-15074-15075.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/FemModel.cpp
Export determination: 6.
Rationale: BUG: InputUpdateFromVector now requires either VertexPidEnum or VertexSidEnum because we need to know how the vector is indexed

Change #760 with diff file ISSM-15075-15076.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/FemModel.cpp
Export determination: 6.
Rationale: CHG: typo

Change #761 with diff file ISSM-15076-15077.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test332.m
Export determination: 6.
Rationale: CHG: test332 not working for now

Change #762 with diff file ISSM-15077-15078.diff:
Function name:
M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_hydro_nonlinear.cpp

Export determination: 6.
Rationale: BUG: fixing segmentation fault

Change #763 with diff file ISSM-15078-15079.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test332.m
Export determination: 6.
Rationale: BUG: Removing error message from test332

Change #764 with diff file ISSM-15079-15080.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/steadystate_core.cpp
Export determination: 6.
Rationale: CHG: base convergence on vectors rather than inputs (more accurate and makes more sense)

Change #765 with diff file ISSM-15080-15081.diff:
Function name:
M /issm/trunk-jpl/test/Archives/Archive513.nc
Export determination: 6.
Rationale: CHG: updated archive now that we went back to the previous vector-based convergence criterion for steady states

Change #766 with diff file ISSM-15081-15082.diff:
Function name:
M /issm/trunk-jpl/externalpackages/vim/addons/vim/plugin/file_line.vim
Export determination: 6.
Rationale: CHG: also works if no column is provided

Change #767 with diff file ISSM-15082-15083.diff:
Function name:
M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/Elements/Element.h
M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/Elements/Penta.h

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.h
M /issm/trunk-jpl/src/c/classes/Inputs/BoolInput.cpp M /issm/trunk-jpl/src/c/classes/Inputs/BoolInput.h
M /issm/trunk-jpl/src/c/classes/Inputs/ControlInput.h M /issm/trunk-jpl/src/c/classes/Inputs/DatasetInput.h
M /issm/trunk-jpl/src/c/classes/Inputs/DoubleInput.cpp M /issm/trunk-jpl/src/c/classes/Inputs/DoubleInput.h
M /issm/trunk-jpl/src/c/classes/Inputs/Input.h M /issm/trunk-jpl/src/c/classes/Inputs/Inputs.cpp
M /issm/trunk-jpl/src/c/classes/Inputs/Inputs.h M /issm/trunk-jpl/src/c/classes/Inputs/IntInput.cpp
M /issm/trunk-jpl/src/c/classes/Inputs/IntInput.h M /issm/trunk-jpl/src/c/classes/Inputs/PentaP1Input.cpp
M /issm/trunk-jpl/src/c/classes/Inputs/PentaP1Input.h M /issm/trunk-jpl/src/c/classes/Inputs/TransientInput.h
M /issm/trunk-jpl/src/c/classes/Inputs/TriaP1Input.cpp M /issm/trunk-jpl/src/c/classes/Inputs/TriaP1Input.h
M /issm/trunk-jpl/src/c/modules/CMakeLists.txt D /issm/trunk-jpl/src/c/modules/InputConvergence.h
M /issm/trunk-jpl/src/c/modules/modules.h M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h
M /issm/trunk-jpl/src/c/shared/Enum/EnumToString.cpp M /issm/trunk-jpl/src/c/shared/Enum/StringToEnum.cpp
M /issm/trunk-jpl/src/c/shared/Numerics/CMakeLists.txt

Export determination: 6.

Rationale: DEL: removed InputConvergence module that is not used anymore
and calls GetValuesPtr, which HAS to be deleted because it is wrong to play
with the pointer of another object's field

Change #768 with diff file ISSM-15083-15084.diff:

Function name:

M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums

D /issm/trunk-jpl/src/m/enum/RelativeEnum.m

Export determination: 6.

Rationale: CHG: sync Enums

Change #769 with diff file ISSM-15084-15085.diff:

Function name:

D /issm/trunk-jpl/test/NightlyRun/test333.m A /issm/trunk-jpl/test/NightlyRun/tt333.m

(from /issm/trunk-jpl/test/NightlyRun/test333.m:15083)

Export determination: 6.

Rationale: minor

Change #770 with diff file ISSM-15085-15086.diff:

Function name:

D /issm/trunk-jpl/patches/Makefile.am-C.patch D /issm/trunk-jpl/patches/Makefile.am-
MATLAB.patch D /issm/trunk-jpl/patches/issm_options.m4.bak

Export determination: 6.

Rationale: CHG: temporary displacement of files

Change #771 with diff file ISSM-15086-15087.diff:

Function name:

A /issm/trunk-jpl/patches/Makefile.am_C A /issm/trunk-jpl/patches/Makefile.am_MATLAB

A /issm/trunk-jpl/patches/configure.ac A /issm/trunk-jpl/patches/issm_options.m4

Export determination: 6.

Rationale: CHG: temporary patches

Change #772 with diff file ISSM-15087-15088.diff:

Function name:

M /issm/trunk-jpl/externalpackages/cccl/issm/cccl

Export determination: 6.

Rationale: CHG: Modifciation to CCCL for Windows build.

Change #773 with diff file ISSM-15088-15089.diff:

Function name:

M /issm/trunk-jpl/externalpackages/cccl/issm/cccl

Export determination: 6.

Rationale: CHG: Small modification to CCCL.

Change #774 with diff file ISSM-15089-15090.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/io/Print/Print.h M /issm/trunk-jpl/src/c/shared/io/Print/PrintfFunction.cp

Export determination: 6.

Rationale: CHG: starting transition to better print i/o

Change #775 with diff file ISSM-15090-15091.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Elements/PrintArrays.cpp

Export determination: 6.

Rationale: CHG: fixed issue with overloading of ?

Change #776 with diff file ISSM-15091-15092.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am A /issm/trunk-jpl/src/c/shared/String/ApiPrintf.cpp
M /issm/trunk-jpl/src/c/shared/String/sharedstring.h D /issm/trunk-jpl/src/c/shared/String/stricmp.c
A /issm/trunk-jpl/src/c/shared/String/stricmp.cpp M /issm/trunk-jpl/src/c/shared/io/Print/Print.h
M /issm/trunk-jpl/src/c/shared/io/Print/PrintfFunction.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/WriteMatlabData.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/matlabio.h
M /issm/trunk-jpl/src/wrappers/python/io/WritePythonData.cpp M /issm/trunk-jpl/src/wrappers/python/io/pythonio.h

Export determination: 6.

Rationale: CHG: the Windows build requires using mexPrintf instead of printf throughout the core code. To avoid having to recompile libISSMCore twice (once for the issm.exe "c++" version of the code, and once for the Matlab wrappers), we use an ApiPrintf routine, which gets resolved differently in the wrappers than in the issm.exe build. This allows to handle matlab printf specific behaviour without having to compile the core in several flavors.

Change #777 with diff file ISSM-15092-15093.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test101.m

Export determination: 6.

Rationale: CHG: test101 had default issmsolver... mea culpa

Change #778 with diff file ISSM-15093-15094.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/generic.m

Export determination: 6.

Rationale: CHG: generic again capable of running on windows platforms

Change #779 with diff file ISSM-15094-15095.diff:

Function name:

M /issm/trunk-jpl/packagegers/win7 M /issm/trunk-jpl/packagegers/win7/package.sh

Export determination: 6.

Rationale: CHG: updated packager

Change #780 with diff file ISSM-15095-15096.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/ExpSimplify/ExpSimplify.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/matlabio.h M /issm/trunk-jpl/src/wrappers/python/io/pythonio.h

Export determination: 6.

Rationale: CHG: added ApiPrintf to header file and moved all printf to _printLine_ in ExpSimplify

Change #781 with diff file ISSM-15096-15097.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am A /issm/trunk-jpl/src/wrappers/matlab/io/ApiPrintf.cpp

M /issm/trunk-jpl/src/wrappers/matlab/io/WriteMatlabData.cpp M /issm/trunk-jpl/src/wrappers/python/Makefile.am A /issm/trunk-jpl/src/wrappers/python/io/ApiPrintf.cpp

Export determination: 6.

Rationale: CHG: resolved cyclical dependency issue

Change #782 with diff file ISSM-15097-15098.diff:

Function name:

M /issm/trunk-jpl/externalpackages/matlab/install.sh M /issm/trunk-jpl/src/c/analyses/prognostic_core.cpp

M /issm/trunk-jpl/src/c/kml/KML_LinearRing.cpp M /issm/trunk-jpl/src/c/modules/Exp2Kmlx/Exp2Kmlx.cpp

M /issm/trunk-jpl/src/c/modules/KMLFileReadx/KMLFileReadx.cpp M /issm/trunk-jpl/src/c/modules/KMLMeshWritex/KMLMeshWritex.cpp

M /issm/trunk-jpl/src/c/modules/KMLOverlayx/KMLOverlayx.cpp M /issm/trunk-jpl/src/c/modules/Kml2Expx/Kml2Expx.cpp

M /issm/trunk-jpl/src/c/modules/Krigingx/pKrigingx.cpp M /issm/trunk-jpl/src/c/modules/Shp2Expx/Shp2Expx.cpp

M /issm/trunk-jpl/src/c/modules/Shp2Kmlx/Shp2Kmlx.cpp M /issm/trunk-jpl/src/c/shared/Exceptions/exceptions.h

M /issm/trunk-jpl/src/c/shared/Matrix/MatrixUtils.cpp

M /issm/trunk-jpl/src/c/shared/Numerics/GaussPoints.cpp M /issm/trunk-jpl/src/c/shared/io/Print/Print.h

M /issm/trunk-jpl/src/c/shared/io/Print/PrintfFunction.cpp

Export determination: 6.

Rationale: CHG: _printf_ now replaced by _printLine_ everywhere. Starting the slow process of simplifying the use of our printf macros.

Change #783 with diff file ISSM-15098-15099.diff:

Function name:

M /issm/trunk-jpl/externalpackages/matlab/install.sh

Export determination: 6.

Rationale: CHG: reverting

Change #784 with diff file ISSM-15099-15100.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/DakotaSpawnCore.cpp M /issm/trunk-jpl/src/c/analyses/ResetBoundaryC
M /issm/trunk-jpl/src/c/analyses/ad_core.cpp M /issm/trunk-jpl/src/c/analyses/adjointbalancethickness_core
M /issm/trunk-jpl/src/c/analyses/adjointdiagnostic_core.cpp M /issm/trunk-
jpl/src/c/analyses/balancethickness_core.cpp M /issm/trunk-jpl/src/c/analyses/bedslope_core.cpp
M /issm/trunk-jpl/src/c/analyses/control_core.cpp M /issm/trunk-jpl/src/c/analyses/controltao_core.cpp
M /issm/trunk-jpl/src/c/analyses/diagnostic_core.cpp M /issm/trunk-jpl/src/c/analyses/enthalpy_core.cpp
M /issm/trunk-jpl/src/c/analyses/gia_core.cpp M /issm/trunk-jpl/src/c/analyses/gradient_core.cpp
M /issm/trunk-jpl/src/c/analyses/hydrology_core.cpp M /issm/trunk-jpl/src/c/analyses/prognostic_core.cpp
M /issm/trunk-jpl/src/c/analyses/steadystate_core.cpp M /issm/trunk-jpl/src/c/analyses/surfaceslope_core.cpp
M /issm/trunk-jpl/src/c/analyses/thermal_core.cpp M /issm/trunk-jpl/src/c/analyses/transient_core.cpp
M /issm/trunk-jpl/src/c/bamg/BamgVertex.cpp M /issm/trunk-jpl/src/c/bamg/Edge.cpp
M /issm/trunk-jpl/src/c/bamg/EigenMetric.cpp M /issm/trunk-jpl/src/c/bamg/Geometry.cpp
M /issm/trunk-jpl/src/c/bamg/ListofIntersectionTriangles.cpp M /issm/trunk-
jpl/src/c/bamg/Mesh.cpp M /issm/trunk-jpl/src/c/bamg/Metric.cpp M /issm/trunk-
jpl/src/c/bamg/Triangle.cpp M /issm/trunk-jpl/src/c/classes/Constraints/SpcDynamic.cpp
M /issm/trunk-jpl/src/c/classes/Constraints/SpcStatic.cpp M /issm/trunk-jpl/src/c/classes/Constraints/Spc5
M /issm/trunk-jpl/src/c/classes/Contour.h M /issm/trunk-jpl/src/c/classes/DependentObject.cpp
M /issm/trunk-jpl/src/c/classes/DofIndexing.cpp M /issm/trunk-jpl/src/c/classes/ElementResults/BoolElemen
M /issm/trunk-jpl/src/c/classes/ElementResults/DoubleElementResult.cpp M
/issm/trunk-jpl/src/c/classes/ElementResults/PentaP1ElementResult.cpp M /issm/trunk-
jpl/src/c/classes/ElementResults/TriaP1ElementResult.cpp M /issm/trunk-jpl/src/c/classes/Elements/Penta.
M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/ExternalResults/Generic
M /issm/trunk-jpl/src/c/classes/FemModel.cpp M /issm/trunk-jpl/src/c/classes/Hook.cpp
M /issm/trunk-jpl/src/c/classes/IndependentObject.cpp M /issm/trunk-jpl/src/c/classes/Inputs/BoolInput.cp
M /issm/trunk-jpl/src/c/classes/Inputs/ControlInput.cpp M /issm/trunk-jpl/src/c/classes/Inputs/DatasetInp
M /issm/trunk-jpl/src/c/classes/Inputs/DoubleInput.cpp M /issm/trunk-jpl/src/c/classes/Inputs/IntInput.cp
M /issm/trunk-jpl/src/c/classes/Inputs/PentaP1Input.cpp M /issm/trunk-jpl/src/c/classes/Inputs/TransientI
M /issm/trunk-jpl/src/c/classes/Inputs/TriaP1Input.cpp M /issm/trunk-jpl/src/c/classes/IoModel.cpp
M /issm/trunk-jpl/src/c/classes/Loads/Friction.cpp M /issm/trunk-jpl/src/c/classes/Loads/Icefront.cpp
M /issm/trunk-jpl/src/c/classes/Loads/Numericalflux.cpp M /issm/trunk-jpl/src/c/classes/Loads/Pengrid.cpp
M /issm/trunk-jpl/src/c/classes/Loads/Penpair.cpp M /issm/trunk-jpl/src/c/classes/Loads/Riftfront.cpp
M /issm/trunk-jpl/src/c/classes/Materials/Matdamageice.cpp M /issm/trunk-
jpl/src/c/classes/Materials/Matrice.cpp M /issm/trunk-jpl/src/c/classes/Materials/Matpar.cpp
M /issm/trunk-jpl/src/c/classes/Node.cpp M /issm/trunk-jpl/src/c/classes/Options/GenericOption.h
M /issm/trunk-jpl/src/c/classes/Options/Options.h M /issm/trunk-jpl/src/c/classes/Params/BoolParam.cpp
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jpl/src/c/classes/Params/DoubleParam.cpp M /issm/trunk-jpl/src/c/classes/Params/DoubleVecParam.cpp
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M /issm/trunk-jpl/src/c/classes/Params/IntMatParam.cpp M /issm/trunk-jpl/src/c/classes/Params/IntPara
M /issm/trunk-jpl/src/c/classes/Params/IntVecParam.cpp M /issm/trunk-jpl/src/c/classes/Params/MatrixPa
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M /issm/trunk-jpl/src/c/classes/Params/VectorParam.cpp M /issm/trunk-jpl/src/c/classes/Profiler.cpp

M /issm/trunk-jpl/src/c/classes/Segment.h M /issm/trunk-jpl/src/c/classes/Vertex.cpp
M /issm/trunk-jpl/src/c/classes/gauss/GaussPenta.cpp M /issm/trunk-jpl/src/c/classes/gauss/GaussTria.cpp
M /issm/trunk-jpl/src/c/classes/kriging/ExponentialVariogram.cpp M /issm/trunk-jpl/src/c/classes/kriging/GaussianVariogram.cpp M /issm/trunk-jpl/src/c/classes/kriging/Observation.cpp
M /issm/trunk-jpl/src/c/classes/kriging/Observations.cpp M /issm/trunk-jpl/src/c/classes/kriging/PowerVariogram.cpp
M /issm/trunk-jpl/src/c/classes/kriging/Quadtrees.cpp M /issm/trunk-jpl/src/c/classes/kriging/SphericalVariogram.cpp
M /issm/trunk-jpl/src/c/classes/matrix/ElementMatrix.cpp M /issm/trunk-jpl/src/c/classes/matrix/ElementMatrix.cpp
M /issm/trunk-jpl/src/c/datastructures/DataSet.cpp M /issm/trunk-jpl/src/c/kml/KMLFileReadUtils.cpp
M /issm/trunk-jpl/src/c/kml/KML_Attribute.cpp M /issm/trunk-jpl/src/c/kml/KML_ColorStyle.cpp
M /issm/trunk-jpl/src/c/kml/KML_Comment.cpp M /issm/trunk-jpl/src/c/kml/KML_Container.cpp
M /issm/trunk-jpl/src/c/kml/KML_Document.cpp M /issm/trunk-jpl/src/c/kml/KML_Feature.cpp
M /issm/trunk-jpl/src/c/kml/KML_File.cpp M /issm/trunk-jpl/src/c/kml/KML_Folder.cpp
M /issm/trunk-jpl/src/c/kml/KML_GroundOverlay.cpp M /issm/trunk-jpl/src/c/kml/KML_Icon.cpp
M /issm/trunk-jpl/src/c/kml/KML_LatLonBox.cpp M /issm/trunk-jpl/src/c/kml/KML_LineString.cpp
M /issm/trunk-jpl/src/c/kml/KML_LineStyle.cpp M /issm/trunk-jpl/src/c/kml/KML_LinearRing.cpp
M /issm/trunk-jpl/src/c/kml/KML_MultiGeometry.cpp M /issm/trunk-jpl/src/c/kml/KML_Object.cpp
M /issm/trunk-jpl/src/c/kml/KML_Overlay.cpp M /issm/trunk-jpl/src/c/kml/KML_Placemark.cpp
M /issm/trunk-jpl/src/c/kml/KML_Point.cpp M /issm/trunk-jpl/src/c/kml/KML_PolyStyle.cpp
M /issm/trunk-jpl/src/c/kml/KML_Polygon.cpp M /issm/trunk-jpl/src/c/kml/KML_Style.cpp
M /issm/trunk-jpl/src/c/kml/KML_Unknown.cpp M /issm/trunk-jpl/src/c/main/kriging.cpp
M /issm/trunk-jpl/src/c/modules/Bamgx/Bamgx.cpp M /issm/trunk-jpl/src/c/modules/Chaco/Chaco.cpp
M /issm/trunk-jpl/src/c/modules/Chaco/input_parse.cpp M /issm/trunk-jpl/src/c/modules/ConfigureObject.cpp
M /issm/trunk-jpl/src/c/modules/ConstraintsState/ConstraintsState.cpp M /issm/trunk-jpl/src/c/modules/ConstraintsState/RiftConstraintsState.cpp
M /issm/trunk-jpl/src/c/modules/CreateNodalConstraints/CreateNodalConstraints.cpp
M /issm/trunk-jpl/src/c/modules/Exp2Kml/Exp2Kml.cpp M /issm/trunk-jpl/src/c/modules/GetSolutionFromInputs/GetSolutionFromInputs.cpp
M /issm/trunk-jpl/src/c/modules/GroundinglineMigration/GroundinglineMigration.cpp M /issm/trunk-jpl/src/c/modules/HoleFiller/HoleFiller.cpp
M /issm/trunk-jpl/src/c/modules/InterpFromGridToMesh/InterpFromGridToMesh.cpp
M /issm/trunk-jpl/src/c/modules/InterpFromMesh2dx/InterpFromMesh2dx.cpp
M /issm/trunk-jpl/src/c/modules/InterpFromMeshToGrid/InterpFromMeshToGrid.cpp
M /issm/trunk-jpl/src/c/modules/InterpFromMeshToMesh2dx/InterpFromMeshToMesh2dx.cpp
M /issm/trunk-jpl/src/c/modules/InterpFromMeshToMesh3dx/InterpFromMeshToMesh3dx.cpp
M /issm/trunk-jpl/src/c/modules/KMLFileRead/KMLFileRead.cpp M /issm/trunk-jpl/src/c/modules/KMLMeshWrite/KMLMeshWrite.cpp
M /issm/trunk-jpl/src/c/modules/Kml2Exp/Kml2Exp.cpp M /issm/trunk-jpl/src/c/modules/Kriging/Kriging.cpp
M /issm/trunk-jpl/src/c/modules/Kriging/Kriging.cpp M /issm/trunk-jpl/src/c/modules/Kriging/pKriging.cpp
M /issm/trunk-jpl/src/c/modules/Mergesolutionfromftog/Mergesolutionfromftog.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessor/ModelProcessor.cpp M /issm/trunk-jpl/src/c/modules/PointCloudFindNeighbors/PointCloudFindNeighbors.cpp
M /issm/trunk-jpl/src/c/modules/PositiveDegreeDay/PositiveDegreeDay.cpp
M /issm/trunk-jpl/src/c/modules/Reduceload/Reduceload.cpp M /issm/trunk-jpl/src/c/modules/Reducevectortofx/Reducevectortofx.cpp
M /issm/trunk-jpl/src/c/modules/ResetConstraints/ResetConstraints.cpp M /issm/trunk-jpl/src/c/modules/Shp2Exp/Shp2Exp.cpp
M /issm/trunk-jpl/src/c/modules/Shp2Kml/Shp2Kml.cpp M /issm/trunk-jpl/src/c/modules/Shp2Kml/Shp2Kml.cpp

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jpl/src/c/modules/Solverx/Solverx.cpp M /issm/trunk-jpl/src/c/shared/Elements/PrintArrays.cpp
M /issm/trunk-jpl/src/c/shared/Exceptions/Exceptions.cpp M /issm/trunk-jpl/src/c/shared/Exceptions/exce
M /issm/trunk-jpl/src/c/shared/LatLong/Ll2xyx.cpp M /issm/trunk-jpl/src/c/shared/LatLong/Xy2llx.cpp
M /issm/trunk-jpl/src/c/shared/Matrix/MatrixUtils.cpp M /issm/trunk-jpl/src/c/shared/Numerics/BrentSea
M /issm/trunk-jpl/src/c/shared/Numerics/GaussPoints.cpp M /issm/trunk-jpl/src/c/shared/Numerics/Optim
M /issm/trunk-jpl/src/c/shared/io/Print/Print.h M /issm/trunk-jpl/src/c/shared/io/Print/PrintfFunction.cpp
M /issm/trunk-jpl/src/c/solutionsequences/convergence.cpp M /issm/trunk-jpl/src/c/solutionsequences/soluti
M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_newton.cpp M /issm/trunk-
jpl/src/c/solutionsequences/solutionsequence_nonlinear.cpp M /issm/trunk-jpl/src/c/solutionsequences/solutio
M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_thermal_nonlinear.cpp
M /issm/trunk-jpl/src/c/toolkits/issm/Bucket.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmDenseMat.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiV
M /issm/trunk-jpl/src/c/toolkits/issm/IssmSeqVec.h M /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscMa
M /issm/trunk-jpl/src/wrappers/AverageFilter/AverageFilter.cpp M /issm/trunk-
jpl/src/wrappers/BamgConvertMesh/BamgConvertMesh.cpp M /issm/trunk-jpl/src/wrappers/BamgMesher/
M /issm/trunk-jpl/src/wrappers/BamgTriangulate/BamgTriangulate.cpp M /issm/trunk-
jpl/src/wrappers/Chaco/Chaco.cpp M /issm/trunk-jpl/src/wrappers/ContourToMesh/ContourToMesh.cpp
M /issm/trunk-jpl/src/wrappers/ContourToNodes/ContourToNodes.cpp M /issm/trunk-
jpl/src/wrappers/EdgeDetection/EdgeDetection.cpp M /issm/trunk-jpl/src/wrappers/ElementConnectivity/E
M /issm/trunk-jpl/src/wrappers/EnumToString/EnumToString.cpp M /issm/trunk-
jpl/src/wrappers/Exp2Kml/Exp2Kml.cpp M /issm/trunk-jpl/src/wrappers/ExpSimplify/ExpSimplify.cpp
M /issm/trunk-jpl/src/wrappers/HoleFiller/HoleFiller.cpp M /issm/trunk-jpl/src/wrappers/InternalFront/Int
M /issm/trunk-jpl/src/wrappers/InterpFromGridToMesh/InterpFromGridToMesh.cpp
M /issm/trunk-jpl/src/wrappers/InterpFromMesh2d/InterpFromMesh2d.cpp M
/issm/trunk-jpl/src/wrappers/InterpFromMeshToGrid/InterpFromMeshToGrid.cpp
M /issm/trunk-jpl/src/wrappers/InterpFromMeshToMesh2d/InterpFromMeshToMesh2d.cpp
M /issm/trunk-jpl/src/wrappers/InterpFromMeshToMesh3d/InterpFromMeshToMesh3d.cpp
M /issm/trunk-jpl/src/wrappers/KMLFileRead/KMLFileRead.cpp M /issm/trunk-
jpl/src/wrappers/KMLMeshWrite/KMLMeshWrite.cpp M /issm/trunk-jpl/src/wrappers/KMLOverlay/KMLC
M /issm/trunk-jpl/src/wrappers/Kml2Exp/Kml2Exp.cpp M /issm/trunk-jpl/src/wrappers/Kriging/Kriging.c
M /issm/trunk-jpl/src/wrappers/Ll2xy/Ll2xy.cpp M /issm/trunk-jpl/src/wrappers/MeshPartition/MeshParti
M /issm/trunk-jpl/src/wrappers/MeshProfileIntersection/MeshProfileIntersection.cpp
M /issm/trunk-jpl/src/wrappers/NodeConnectivity/NodeConnectivity.cpp M /issm/trunk-
jpl/src/wrappers/PointCloudFindNeighbors/PointCloudFindNeighbors.cpp M /issm/trunk-
jpl/src/wrappers/PropagateFlagsFromConnectivity/PropagateFlagsFromConnectivity.cpp
M /issm/trunk-jpl/src/wrappers/Shp2Exp/Shp2Exp.cpp M /issm/trunk-jpl/src/wrappers/Shp2Kml/Shp2Kml
M /issm/trunk-jpl/src/wrappers/StringToEnum/StringToEnum.cpp M /issm/trunk-
jpl/src/wrappers/TriMesh/TriMesh.cpp M /issm/trunk-jpl/src/wrappers/TriMeshProcessRifts/TriMeshProces
M /issm/trunk-jpl/src/wrappers/TriaSearch/TriaSearch.cpp M /issm/trunk-jpl/src/wrappers/Xy2ll/Xy2ll.cpp
M /issm/trunk-jpl/src/wrappers/matlab/io/FetchMatlabData.cpp M /issm/trunk-
jpl/src/wrappers/matlab/io/OptionParse.cpp M /issm/trunk-jpl/src/wrappers/python/io/FetchPythonData.c
Export determination: 6.

```

Rationale: CHG: greatly simplified the shared/io/Print routines. Replaced `_printf_` by `_pprintString_`, then replaced all `_printLine_` by `_printString_` and `_pprintLine_` by `_pprintString_`. We will then replace the `_printString_` by `_printf_` and `_pprintString_` by `_printf0_`.

Change #785 with diff file ISSM-15100-15101.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/DakotaSpawnCore.cpp M /issm/trunk-jpl/src/c/analyses/ResetBoundaryC
M /issm/trunk-jpl/src/c/analyses/ad_core.cpp M /issm/trunk-jpl/src/c/analyses/adjointbalancethickness_core
M /issm/trunk-jpl/src/c/analyses/adjointdiagnostic_core.cpp M /issm/trunk-
jpl/src/c/analyses/balancethickness_core.cpp M /issm/trunk-jpl/src/c/analyses/bedslope_core.cpp
M /issm/trunk-jpl/src/c/analyses/control_core.cpp M /issm/trunk-jpl/src/c/analyses/controltao_core.cpp
M /issm/trunk-jpl/src/c/analyses/diagnostic_core.cpp M /issm/trunk-jpl/src/c/analyses/enthalpy_core.cpp
M /issm/trunk-jpl/src/c/analyses/gia_core.cpp M /issm/trunk-jpl/src/c/analyses/gradient_core.cpp
M /issm/trunk-jpl/src/c/analyses/hydrology_core.cpp M /issm/trunk-jpl/src/c/analyses/prognostic_core.cpp
M /issm/trunk-jpl/src/c/analyses/steadystate_core.cpp M /issm/trunk-jpl/src/c/analyses/surfaceslope_core.cp
M /issm/trunk-jpl/src/c/analyses/thermal_core.cpp M /issm/trunk-jpl/src/c/analyses/transient_core.cpp
M /issm/trunk-jpl/src/c/bamg/BamgVertex.cpp M /issm/trunk-jpl/src/c/bamg/Edge.cpp
M /issm/trunk-jpl/src/c/bamg/EigenMetric.cpp M /issm/trunk-jpl/src/c/bamg/Geometry.cpp
M /issm/trunk-jpl/src/c/bamg/ListofIntersectionTriangles.cpp M /issm/trunk-
jpl/src/c/bamg/Mesh.cpp M /issm/trunk-jpl/src/c/bamg/Metric.cpp M /issm/trunk-
jpl/src/c/bamg/Triangle.cpp M /issm/trunk-jpl/src/c/classes/Constraints/SpcDynamic.cpp
M /issm/trunk-jpl/src/c/classes/Constraints/SpcStatic.cpp M /issm/trunk-jpl/src/c/classes/Constraints/Spc5
M /issm/trunk-jpl/src/c/classes/Contour.h M /issm/trunk-jpl/src/c/classes/DependentObject.cpp
M /issm/trunk-jpl/src/c/classes/DofIndexing.cpp M /issm/trunk-jpl/src/c/classes/ElementResults/BoolElemen
M /issm/trunk-jpl/src/c/classes/ElementResults/DoubleElementResult.cpp M
/issm/trunk-jpl/src/c/classes/ElementResults/PentaP1ElementResult.cpp M /issm/trunk-
jpl/src/c/classes/ElementResults/TriaP1ElementResult.cpp M /issm/trunk-jpl/src/c/classes/Elements/Penta.
M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/ExternalResults/Generic
M /issm/trunk-jpl/src/c/classes/FemModel.cpp M /issm/trunk-jpl/src/c/classes/Hook.cpp
M /issm/trunk-jpl/src/c/classes/IndependentObject.cpp M /issm/trunk-jpl/src/c/classes/Inputs/BoolInput.cp
M /issm/trunk-jpl/src/c/classes/Inputs/ControlInput.cpp M /issm/trunk-jpl/src/c/classes/Inputs/DatasetInp
M /issm/trunk-jpl/src/c/classes/Inputs/DoubleInput.cpp M /issm/trunk-jpl/src/c/classes/Inputs/IntInput.cp
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M /issm/trunk-jpl/src/c/classes/kriging/Observations.cpp M /issm/trunk-jpl/src/c/classes/kriging/PowerVari
M /issm/trunk-jpl/src/c/classes/kriging/Quadtree.cpp M /issm/trunk-jpl/src/c/classes/kriging/SphericalVari
M /issm/trunk-jpl/src/c/classes/matrix/ElementMatrix.cpp M /issm/trunk-jpl/src/c/classes/matrix/Element
M /issm/trunk-jpl/src/c/datastructures/DataSet.cpp M /issm/trunk-jpl/src/c/kml/KMLFileReadUtils.cpp
M /issm/trunk-jpl/src/c/kml/KML_Attribute.cpp M /issm/trunk-jpl/src/c/kml/KML_ColorStyle.cpp
M /issm/trunk-jpl/src/c/kml/KML_Comment.cpp M /issm/trunk-jpl/src/c/kml/KML_Container.cpp
M /issm/trunk-jpl/src/c/kml/KML_Document.cpp M /issm/trunk-jpl/src/c/kml/KML_Feature.cpp
M /issm/trunk-jpl/src/c/kml/KML_File.cpp M /issm/trunk-jpl/src/c/kml/KML_Folder.cpp
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M /issm/trunk-jpl/src/c/kml/KML_LineStyle.cpp M /issm/trunk-jpl/src/c/kml/KML_LinearRing.cpp
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M /issm/trunk-jpl/src/c/kml/KML_Overlay.cpp M /issm/trunk-jpl/src/c/kml/KML_Placemark.cpp
M /issm/trunk-jpl/src/c/kml/KML_Point.cpp M /issm/trunk-jpl/src/c/kml/KML_PolyStyle.cpp
M /issm/trunk-jpl/src/c/kml/KML_Polygon.cpp M /issm/trunk-jpl/src/c/kml/KML_Style.cpp
M /issm/trunk-jpl/src/c/kml/KML_Unknown.cpp M /issm/trunk-jpl/src/c/main/kriging.cpp
M /issm/trunk-jpl/src/c/modules/Bamgx/Bamgx.cpp M /issm/trunk-jpl/src/c/modules/Chacox/Chacox.cpp
M /issm/trunk-jpl/src/c/modules/Chacox/input_parse.cpp M /issm/trunk-jpl/src/c/modules/ConfigureObjec
M /issm/trunk-jpl/src/c/modules/ConstraintsStatex/ConstraintsStatex.cpp M
/issm/trunk-jpl/src/c/modules/ConstraintsStatex/RiftConstraintsState.cpp M
/issm/trunk-jpl/src/c/modules/CreateNodalConstraintsx/CreateNodalConstraintsx.cpp
M /issm/trunk-jpl/src/c/modules/Exp2Kmlx/Exp2Kmlx.cpp M /issm/trunk-
jpl/src/c/modules/GetSolutionFromInputsx/GetSolutionFromInputsx.cpp M /issm/trunk-
jpl/src/c/modules/GroundinglineMigrationx/GroundinglineMigrationx.cpp M /issm/trunk-
jpl/src/c/modules/HoleFillerx/HoleFillerx.cpp M /issm/trunk-jpl/src/c/modules/InputUpdateFromConstantx
M /issm/trunk-jpl/src/c/modules/InterpFromGridToMeshx/InterpFromGridToMeshx.cpp
M /issm/trunk-jpl/src/c/modules/InterpFromMesh2dx/InterpFromMesh2dxt.cpp
M /issm/trunk-jpl/src/c/modules/InterpFromMeshToGridx/InterpFromMeshToGridx.cpp
M /issm/trunk-jpl/src/c/modules/InterpFromMeshToMesh2dx/InterpFromMeshToMesh2dx.cpp
M /issm/trunk-jpl/src/c/modules/InterpFromMeshToMesh3dx/InterpFromMeshToMesh3dx.cpp
M /issm/trunk-jpl/src/c/modules/KMLFileReadx/KMLFileReadx.cpp M /issm/trunk-
jpl/src/c/modules/KMLMeshWritex/KMLMeshWritex.cpp M /issm/trunk-jpl/src/c/modules/KMLOverlayx/
M /issm/trunk-jpl/src/c/modules/Kml2Expx/Kml2Expx.cpp M /issm/trunk-
jpl/src/c/modules/Krigingx/Krigingx.cpp M /issm/trunk-jpl/src/c/modules/Krigingx/pKrigingx.cpp
M /issm/trunk-jpl/src/c/modules/Mergesolutionfromftogx/Mergesolutionfromftogx.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorex/ModelProcessorex.cpp M /issm/trunk-
jpl/src/c/modules/PointCloudFindNeighborsx/PointCloudFindNeighborsxt.cpp
M /issm/trunk-jpl/src/c/modules/PositiveDegreeDayx/PositiveDegreeDayx.cpp

M /issm/trunk-jpl/src/c/modules/Reduceloadx/Reduceloadx.cpp M /issm/trunk-jpl/src/c/modules/Reducevectorgtofx/Reducevectorgtofx.cpp M /issm/trunk-jpl/src/c/modules/ResetConstraintsx/ResetConstraintsx.cpp M /issm/trunk-jpl/src/c/modules/Shp2Exp/ Shp2Exp.cpp M /issm/trunk-jpl/src/c/modules/Shp2Kmlx/Shp2Kmlx.cpp M /issm/trunk-jpl/src/c/modules/Solverx/Solverx.cpp M /issm/trunk-jpl/src/c/shared/Elements/PrintArrays.cpp M /issm/trunk-jpl/src/c/shared/Exceptions/Exceptions.cpp M /issm/trunk-jpl/src/c/shared/Exceptions/Exceptions.cpp M /issm/trunk-jpl/src/c/shared/LatLong/Ll2xyx.cpp M /issm/trunk-jpl/src/c/shared/LatLong/Xy2llx.cpp M /issm/trunk-jpl/src/c/shared/Matrix/MatrixUtils.cpp M /issm/trunk-jpl/src/c/shared/Numerics/BrentSearch.cpp M /issm/trunk-jpl/src/c/shared/Numerics/GaussPoints.cpp M /issm/trunk-jpl/src/c/shared/Numerics/Options.cpp M /issm/trunk-jpl/src/c/shared/io/Print/Print.h M /issm/trunk-jpl/src/c/solutionsequences/convergence.cpp M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_hydro_nonlinear.cpp M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_newton.cpp M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_nonlinear.cpp M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_thermal_nonlinear.cpp M /issm/trunk-jpl/src/c/toolkits/issm/Bucket.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmDenseMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiVec.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmSeqVec.h M /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscMat.h M /issm/trunk-jpl/src/wrappers/AverageFilter/AverageFilter.cpp M /issm/trunk-jpl/src/wrappers/BamgConvertMesh/BamgConvertMesh.cpp M /issm/trunk-jpl/src/wrappers/BamgMesher/BamgMesher.cpp M /issm/trunk-jpl/src/wrappers/BamgTriangulate/BamgTriangulate.cpp M /issm/trunk-jpl/src/wrappers/Chaco/Chaco.cpp M /issm/trunk-jpl/src/wrappers/ContourToMesh/ContourToMesh.cpp M /issm/trunk-jpl/src/wrappers/ContourToNodes/ContourToNodes.cpp M /issm/trunk-jpl/src/wrappers/EdgeDetection/EdgeDetection.cpp M /issm/trunk-jpl/src/wrappers/ElementConnectivity/ElementConnectivity.cpp M /issm/trunk-jpl/src/wrappers/EnumToString/EnumToString.cpp M /issm/trunk-jpl/src/wrappers/Exp2Kml/Exp2Kml.cpp M /issm/trunk-jpl/src/wrappers/ExpSimplify/ExpSimplify.cpp M /issm/trunk-jpl/src/wrappers/HoleFiller/HoleFiller.cpp M /issm/trunk-jpl/src/wrappers/InternalFront/InternalFront.cpp M /issm/trunk-jpl/src/wrappers/InterpFromGridToMesh/InterpFromGridToMesh.cpp M /issm/trunk-jpl/src/wrappers/InterpFromMesh2d/InterpFromMesh2d.cpp M /issm/trunk-jpl/src/wrappers/InterpFromMeshToGrid/InterpFromMeshToGrid.cpp M /issm/trunk-jpl/src/wrappers/InterpFromMeshToMesh2d/InterpFromMeshToMesh2d.cpp M /issm/trunk-jpl/src/wrappers/InterpFromMeshToMesh3d/InterpFromMeshToMesh3d.cpp M /issm/trunk-jpl/src/wrappers/KMLFileRead/KMLFileRead.cpp M /issm/trunk-jpl/src/wrappers/KMLMeshWrite/KMLMeshWrite.cpp M /issm/trunk-jpl/src/wrappers/KMLOverlay/KMLOverlay.cpp M /issm/trunk-jpl/src/wrappers/Kml2Exp/Kml2Exp.cpp M /issm/trunk-jpl/src/wrappers/Kriging/Kriging.cpp M /issm/trunk-jpl/src/wrappers/Ll2xy/Ll2xy.cpp M /issm/trunk-jpl/src/wrappers/MeshPartition/MeshPartition.cpp M /issm/trunk-jpl/src/wrappers/MeshProfileIntersection/MeshProfileIntersection.cpp M /issm/trunk-jpl/src/wrappers/NodeConnectivity/NodeConnectivity.cpp M /issm/trunk-jpl/src/wrappers/PointCloudFindNeighbors/PointCloudFindNeighbors.cpp M /issm/trunk-jpl/src/wrappers/PropagateFlagsFromConnectivity/PropagateFlagsFromConnectivity.cpp M /issm/trunk-jpl/src/wrappers/Shp2Exp/Shp2Exp.cpp M /issm/trunk-jpl/src/wrappers/Shp2Kml/Shp2Kml.cpp M /issm/trunk-jpl/src/wrappers/StringToEnum/StringToEnum.cpp M /issm/trunk-jpl/src/wrappers/TriMesh/TriMesh.cpp M /issm/trunk-jpl/src/wrappers/TriMeshProcessRifts/TriMeshProcessRifts.cpp M /issm/trunk-jpl/src/wrappers/TriaSearch/TriaSearch.cpp M /issm/trunk-jpl/src/wrappers/Xy2ll/Xy2ll.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/FetchMatlabData.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/OptionParse.cpp M /issm/trunk-jpl/src/wrappers/python/io/FetchPythonData.cpp

Export determination: 6.

Rationale: CHG: changed the names of `_printString_` and `_pprintString_` to `_printf_` and `_printf0_`

Change #786 with diff file ISSM-15101-15102.diff:

Function name:

M /issm/trunk-jpl/src/c/bamg/typedefs.h

Export determination: 6.

Rationale: CHG: switching to long long format for windows build.

Change #787 with diff file ISSM-15102-15103.diff:

Function name:

D /issm/trunk-jpl/package.sh A /issm/trunk-jpl/package32.sh

(from /issm/trunk-jpl/package.sh:15101) A /issm/trunk-jpl/package64.sh
(from /issm/trunk-jpl/package.sh:15101)

Export determination: 6.

Rationale: CHG: need two implementations 32 and 64 bits

Change #788 with diff file ISSM-15103-15104.diff:

Function name:

M /issm/trunk-jpl/src/m/Makefile.am A /issm/trunk-jpl/src/m/lambert A /issm/trunk-jpl/src/m/lambert/lambert2xy.m

Export determination: 6.

Rationale: NEW: lambert2xy function added. This translates lambert azimuthal equal area projections into xy coordinates

Change #789 with diff file ISSM-15104-15105.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/DakotaSpawnCore.cpp M /issm/trunk-jpl/src/c/analyses/ResetBoundaryC

M /issm/trunk-jpl/src/c/analyses/ad_core.cpp M /issm/trunk-jpl/src/c/analyses/adjointbalancethickness_core

M /issm/trunk-jpl/src/c/analyses/adjointdiagnostic_core.cpp M /issm/trunk-

jpl/src/c/analyses/balancethickness_core.cpp M /issm/trunk-jpl/src/c/analyses/bedslope_core.cpp

M /issm/trunk-jpl/src/c/analyses/control_core.cpp M /issm/trunk-jpl/src/c/analyses/controltao_core.cpp

M /issm/trunk-jpl/src/c/analyses/diagnostic_core.cpp M /issm/trunk-jpl/src/c/analyses/enthalpy_core.cpp

M /issm/trunk-jpl/src/c/analyses/gia_core.cpp M /issm/trunk-jpl/src/c/analyses/gradient_core.cpp

M /issm/trunk-jpl/src/c/analyses/hydrology_core.cpp M /issm/trunk-jpl/src/c/analyses/prognostic_core.cpp

M /issm/trunk-jpl/src/c/analyses/steadystate_core.cpp M /issm/trunk-jpl/src/c/analyses/surfaceslope_core.cpp
M /issm/trunk-jpl/src/c/analyses/thermal_core.cpp M /issm/trunk-jpl/src/c/analyses/transient_core.cpp
M /issm/trunk-jpl/src/c/bamg/BamgVertex.cpp M /issm/trunk-jpl/src/c/bamg/Edge.cpp
M /issm/trunk-jpl/src/c/bamg/EigenMetric.cpp M /issm/trunk-jpl/src/c/bamg/Geometry.cpp
M /issm/trunk-jpl/src/c/bamg/Mesh.cpp M /issm/trunk-jpl/src/c/bamg/Metric.cpp
M /issm/trunk-jpl/src/c/bamg/Triangle.cpp M /issm/trunk-jpl/src/c/classes/Constraints/SpcDynamic.cpp
M /issm/trunk-jpl/src/c/classes/Constraints/SpcStatic.cpp M /issm/trunk-jpl/src/c/classes/Constraints/SpcT
M /issm/trunk-jpl/src/c/classes/Contour.h M /issm/trunk-jpl/src/c/classes/DependentObject.cpp
M /issm/trunk-jpl/src/c/classes/DofIndexing.cpp M /issm/trunk-jpl/src/c/classes/ElementResults/BoolElemen
M /issm/trunk-jpl/src/c/classes/ElementResults/DoubleElementResult.cpp M
/issm/trunk-jpl/src/c/classes/ElementResults/PentaP1ElementResult.cpp M /issm/trunk-
jpl/src/c/classes/ElementResults/TriaP1ElementResult.cpp M /issm/trunk-jpl/src/c/classes/Elements/Penta.
M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/ExternalResults/Generic
M /issm/trunk-jpl/src/c/classes/FemModel.cpp M /issm/trunk-jpl/src/c/classes/Hook.cpp
M /issm/trunk-jpl/src/c/classes/IndependentObject.cpp M /issm/trunk-jpl/src/c/classes/Inputs/BoolInput.cp
M /issm/trunk-jpl/src/c/classes/Inputs/ControlInput.cpp M /issm/trunk-jpl/src/c/classes/Inputs/DatasetInp
M /issm/trunk-jpl/src/c/classes/Inputs/DoubleInput.cpp M /issm/trunk-jpl/src/c/classes/Inputs/IntInput.cp
M /issm/trunk-jpl/src/c/classes/Inputs/PentaP1Input.cpp M /issm/trunk-jpl/src/c/classes/Inputs/TransientI
M /issm/trunk-jpl/src/c/classes/Inputs/TriaP1Input.cpp M /issm/trunk-jpl/src/c/classes/IoModel.cpp
M /issm/trunk-jpl/src/c/classes/Loads/Friction.cpp M /issm/trunk-jpl/src/c/classes/Loads/Icefront.cpp
M /issm/trunk-jpl/src/c/classes/Loads/Numericalflux.cpp M /issm/trunk-jpl/src/c/classes/Loads/Pengrid.cpp
M /issm/trunk-jpl/src/c/classes/Loads/Penpair.cpp M /issm/trunk-jpl/src/c/classes/Loads/Riftfront.cpp
M /issm/trunk-jpl/src/c/classes/Materials/Matdamageice.cpp M /issm/trunk-
jpl/src/c/classes/Materials/Matrice.cpp M /issm/trunk-jpl/src/c/classes/Materials/Matpar.cpp
M /issm/trunk-jpl/src/c/classes/Node.cpp M /issm/trunk-jpl/src/c/classes/Options/GenericOption.h
M /issm/trunk-jpl/src/c/classes/Options/Options.h M /issm/trunk-jpl/src/c/classes/Params/BoolParam.cpp
M /issm/trunk-jpl/src/c/classes/Params/DataSetParam.cpp M /issm/trunk-jpl/src/c/classes/Params/Double
M /issm/trunk-jpl/src/c/classes/Params/DoubleMatParam.cpp M /issm/trunk-
jpl/src/c/classes/Params/DoubleParam.cpp M /issm/trunk-jpl/src/c/classes/Params/DoubleVecParam.cpp
M /issm/trunk-jpl/src/c/classes/Params/FileParam.cpp M /issm/trunk-jpl/src/c/classes/Params/GenericPar
M /issm/trunk-jpl/src/c/classes/Params/IntMatParam.cpp M /issm/trunk-jpl/src/c/classes/Params/IntPar
M /issm/trunk-jpl/src/c/classes/Params/IntVecParam.cpp M /issm/trunk-jpl/src/c/classes/Params/MatrixP
M /issm/trunk-jpl/src/c/classes/Params/StringArrayParam.cpp M /issm/trunk-
jpl/src/c/classes/Params/StringParam.cpp M /issm/trunk-jpl/src/c/classes/Params/TransientParam.cpp
M /issm/trunk-jpl/src/c/classes/Params/VectorParam.cpp M /issm/trunk-jpl/src/c/classes/Profiler.cpp
M /issm/trunk-jpl/src/c/classes/Segment.h M /issm/trunk-jpl/src/c/classes/Vertex.cpp
M /issm/trunk-jpl/src/c/classes/gauss/GaussPenta.cpp M /issm/trunk-jpl/src/c/classes/gauss/GaussTria.cpp
M /issm/trunk-jpl/src/c/classes/kriging/ExponentialVariogram.cpp M /issm/trunk-
jpl/src/c/classes/kriging/GaussianVariogram.cpp M /issm/trunk-jpl/src/c/classes/kriging/Observation.cpp
M /issm/trunk-jpl/src/c/classes/kriging/Observations.cpp M /issm/trunk-jpl/src/c/classes/kriging/PowerVari
M /issm/trunk-jpl/src/c/classes/kriging/Quadtrees.cpp M /issm/trunk-jpl/src/c/classes/kriging/SphericalVari
M /issm/trunk-jpl/src/c/classes/matrix/ElementMatrix.cpp M /issm/trunk-jpl/src/c/classes/matrix/Element
M /issm/trunk-jpl/src/c/datastructures/DataSet.cpp M /issm/trunk-jpl/src/c/kml/KMLFileReadUtils.cpp
M /issm/trunk-jpl/src/c/kml/KML_Attribute.cpp M /issm/trunk-jpl/src/c/kml/KML_Container.cpp
M /issm/trunk-jpl/src/c/kml/KML_Document.cpp M /issm/trunk-jpl/src/c/kml/KML_Feature.cpp
M /issm/trunk-jpl/src/c/kml/KML_File.cpp M /issm/trunk-jpl/src/c/kml/KML_Folder.cpp

M /issm/trunk-jpl/src/c/kml/KML_GroundOverlay.cpp M /issm/trunk-jpl/src/c/kml/KML_Icon.cpp
M /issm/trunk-jpl/src/c/kml/KML_LatLonBox.cpp M /issm/trunk-jpl/src/c/kml/KML_LineString.cpp
M /issm/trunk-jpl/src/c/kml/KML_LineStyle.cpp M /issm/trunk-jpl/src/c/kml/KML_LinearRing.cpp
M /issm/trunk-jpl/src/c/kml/KML_MultiGeometry.cpp M /issm/trunk-jpl/src/c/kml/KML_Object.cpp
M /issm/trunk-jpl/src/c/kml/KML_Overlay.cpp M /issm/trunk-jpl/src/c/kml/KML_Placemark.cpp
M /issm/trunk-jpl/src/c/kml/KML_Point.cpp M /issm/trunk-jpl/src/c/kml/KML_PolyStyle.cpp
M /issm/trunk-jpl/src/c/kml/KML_Polygon.cpp M /issm/trunk-jpl/src/c/kml/KML_Style.cpp
M /issm/trunk-jpl/src/c/kml/KML_Unknown.cpp M /issm/trunk-jpl/src/c/main/kriging.cpp
M /issm/trunk-jpl/src/c/modules/Bamgx/Bamgx.cpp M /issm/trunk-jpl/src/c/modules/Chacox/Chacox.cpp
M /issm/trunk-jpl/src/c/modules/Chacox/input_parse.cpp M /issm/trunk-jpl/src/c/modules/ConfigureObject.cpp
M /issm/trunk-jpl/src/c/modules/ConstraintsState/ConstraintsState.cpp M
/issm/trunk-jpl/src/c/modules/ConstraintsState/RiftConstraintsState.cpp M
/issm/trunk-jpl/src/c/modules/CreateNodalConstraint/Constraint.cpp M
/issm/trunk-jpl/src/c/modules/Exp2Kml/Exp2Kml.cpp M /issm/trunk-
jpl/src/c/modules/GetSolutionFromInput/GetSolutionFromInput.cpp M /issm/trunk-
jpl/src/c/modules/GroundinglineMigration/GroundinglineMigration.cpp M /issm/trunk-
jpl/src/c/modules/HoleFiller/HoleFiller.cpp M /issm/trunk-jpl/src/c/modules/InputUpdateFromConstant.cpp
M /issm/trunk-jpl/src/c/modules/InterpFromGridToMesh/InterpFromGridToMesh.cpp
M /issm/trunk-jpl/src/c/modules/InterpFromMesh2dx/InterpFromMesh2dx.cpp
M /issm/trunk-jpl/src/c/modules/InterpFromMeshToGrid/InterpFromMeshToGrid.cpp
M /issm/trunk-jpl/src/c/modules/InterpFromMeshToMesh2dx/InterpFromMeshToMesh2dx.cpp
M /issm/trunk-jpl/src/c/modules/InterpFromMeshToMesh3dx/InterpFromMeshToMesh3dx.cpp
M /issm/trunk-jpl/src/c/modules/KMLFileRead/KMLFileRead.cpp M /issm/trunk-
jpl/src/c/modules/KMLMeshWrite/KMLMeshWrite.cpp M /issm/trunk-jpl/src/c/modules/KMLOverlay/Overlay.cpp
M /issm/trunk-jpl/src/c/modules/Kml2Exp/Kml2Exp.cpp M /issm/trunk-
jpl/src/c/modules/Kriging/Kriging.cpp M /issm/trunk-jpl/src/c/modules/Kriging/pKriging.cpp
M /issm/trunk-jpl/src/c/modules/MergeSolutionFromFtoG/MergeSolutionFromFtoG.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessor/ModelProcessor.cpp M /issm/trunk-
jpl/src/c/modules/PointCloudFindNeighbors/PointCloudFindNeighbors.cpp
M /issm/trunk-jpl/src/c/modules/PositiveDegreeDay/PositiveDegreeDay.cpp
M /issm/trunk-jpl/src/c/modules/ReduceLoad/ReduceLoad.cpp M /issm/trunk-
jpl/src/c/modules/ReduceVectorToGrid/ReduceVectorToGrid.cpp M /issm/trunk-
jpl/src/c/modules/ResetConstraints/ResetConstraints.cpp M /issm/trunk-jpl/src/c/modules/Shp2Exp/Shp2Exp.cpp
M /issm/trunk-jpl/src/c/modules/Shp2Kml/Shp2Kml.cpp M /issm/trunk-
jpl/src/c/modules/Solver/Solver.cpp M /issm/trunk-jpl/src/c/shared/Elements/PrintArrays.cpp
M /issm/trunk-jpl/src/c/shared/Exceptions/Exceptions.cpp M /issm/trunk-jpl/src/c/shared/Exceptions/Exceptions.cpp
M /issm/trunk-jpl/src/c/shared/LatLong/LatLong.cpp M /issm/trunk-jpl/src/c/shared/LatLong/Xy2Ll.cpp
M /issm/trunk-jpl/src/c/shared/Matrix/MatrixUtils.cpp M /issm/trunk-jpl/src/c/shared/Numerics/BrentSearch.cpp
M /issm/trunk-jpl/src/c/shared/Numerics/GaussPoints.cpp M /issm/trunk-jpl/src/c/shared/Numerics/Options.cpp
M /issm/trunk-jpl/src/c/solutionsequences/convergence.cpp M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence.cpp
M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_newton.cpp M /issm/trunk-
jpl/src/c/solutionsequences/solutionsequence_nonlinear.cpp M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_thermal_nonlinear.cpp
M /issm/trunk-jpl/src/c/toolkits/issm/Bucket.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmDenseMat.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiDenseMat.h
M /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscMat.cpp

Export determination: 6.
Rationale: CHG: simplifying prints

Change #790 with diff file ISSM-15105-15106.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/AverageFilter/AverageFilter.cpp M /issm/trunk-jpl/src/wrappers/BamgConvertMesh/BamgConvertMesh.cpp M /issm/trunk-jpl/src/wrappers/BamgMesher/ M /issm/trunk-jpl/src/wrappers/BamgTriangulate/BamgTriangulate.cpp M /issm/trunk-jpl/src/wrappers/Chaco/Chaco.cpp M /issm/trunk-jpl/src/wrappers/ContourToMesh/ContourToMesh.cpp M /issm/trunk-jpl/src/wrappers/ContourToNodes/ContourToNodes.cpp M /issm/trunk-jpl/src/wrappers/EdgeDetection/EdgeDetection.cpp M /issm/trunk-jpl/src/wrappers/ElementConnectivity/E M /issm/trunk-jpl/src/wrappers/EnumToString/EnumToString.cpp M /issm/trunk-jpl/src/wrappers/Exp2Kml/Exp2Kml.cpp M /issm/trunk-jpl/src/wrappers/ExpSimplify/ExpSimplify.cpp M /issm/trunk-jpl/src/wrappers/HoleFiller/HoleFiller.cpp M /issm/trunk-jpl/src/wrappers/InternalFront/Int M /issm/trunk-jpl/src/wrappers/InterpFromGridToMesh/InterpFromGridToMesh.cpp M /issm/trunk-jpl/src/wrappers/InterpFromMesh2d/InterpFromMesh2d.cpp M /issm/trunk-jpl/src/wrappers/InterpFromMeshToGrid/InterpFromMeshToGrid.cpp M /issm/trunk-jpl/src/wrappers/InterpFromMeshToMesh2d/InterpFromMeshToMesh2d.cpp M /issm/trunk-jpl/src/wrappers/InterpFromMeshToMesh3d/InterpFromMeshToMesh3d.cpp M /issm/trunk-jpl/src/wrappers/KMLFileRead/KMLFileRead.cpp M /issm/trunk-jpl/src/wrappers/KMLMeshWrite/KMLMeshWrite.cpp M /issm/trunk-jpl/src/wrappers/KMLOverlay/KMLC M /issm/trunk-jpl/src/wrappers/Kml2Exp/Kml2Exp.cpp M /issm/trunk-jpl/src/wrappers/Kriging/Kriging.c M /issm/trunk-jpl/src/wrappers/Ll2xy/Ll2xy.cpp M /issm/trunk-jpl/src/wrappers/MeshPartition/MeshParti M /issm/trunk-jpl/src/wrappers/MeshProfileIntersection/MeshProfileIntersection.cpp M /issm/trunk-jpl/src/wrappers/NodeConnectivity/NodeConnectivity.cpp M /issm/trunk-jpl/src/wrappers/PointCloudFindNeighbors/PointCloudFindNeighbors.cpp M /issm/trunk-jpl/src/wrappers/PropagateFlagsFromConnectivity/PropagateFlagsFromConnectivity.cpp M /issm/trunk-jpl/src/wrappers/Shp2Exp/Shp2Exp.cpp M /issm/trunk-jpl/src/wrappers/Shp2Kml/Shp2Km M /issm/trunk-jpl/src/wrappers/StringToEnum/StringToEnum.cpp M /issm/trunk-jpl/src/wrappers/TriMesh/TriMesh.cpp M /issm/trunk-jpl/src/wrappers/TriMeshProcessRifts/TriMeshProces M /issm/trunk-jpl/src/wrappers/TriaSearch/TriaSearch.cpp M /issm/trunk-jpl/src/wrappers/Xy2ll/Xy2ll.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/FetchMatlabData.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/OptionParse.cpp M /issm/trunk-jpl/src/wrappers/python/io/FetchPythonData.c

Export determination: 6.
Rationale: CHG: simplifying prints

Change #791 with diff file ISSM-15106-15107.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/classes.h M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_hydro_nonlinear.cpp

M /issm/trunk-jpl/src/m/classes/geometry.m M /issm/trunk-jpl/src/m/classes/groundingline.m
M /issm/trunk-jpl/src/m/classes/hydrologydc.m M /issm/trunk-jpl/src/m/classes/matdamageice.m
M /issm/trunk-jpl/src/m/classes/matrice.m M /issm/trunk-jpl/src/m/classes/model/model.m
M /issm/trunk-jpl/src/m/consistency/ismodelselfconsistent.m M /issm/trunk-
jpl/src/m/contrib/paraview/writeVTKcell.m M /issm/trunk-jpl/src/m/io/structtonc.m
M /issm/trunk-jpl/src/m/lambert/lambert2xy.m M /issm/trunk-jpl/src/m/mesh/ExportGmsh.m
M /issm/trunk-jpl/src/m/mesh/roundmesh.m M /issm/trunk-jpl/src/m/miscellaneous/normcdf_issm.m
M /issm/trunk-jpl/src/m/miscellaneous/normfit_issm.m M /issm/trunk-jpl/src/m/miscellaneous/norminv_issm.m
M /issm/trunk-jpl/src/m/miscellaneous/prctile_issm.m M /issm/trunk-jpl/src/m/morphological/closing.m
M /issm/trunk-jpl/src/m/morphological/vectorialize.m M /issm/trunk-jpl/src/m/parameterization/contouren
M /issm/trunk-jpl/src/m/plot/colormaps/ibcao.m M /issm/trunk-jpl/src/m/plot/colormaps/seacolor.m
M /issm/trunk-jpl/src/m/plot/curvedarrow.m M /issm/trunk-jpl/src/m/plot/plotboxpos.m
M /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/AppDelegate.m
M /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APPTests/ISSM_APPTests.m
M /issm/trunk-jpl/src/wrappers/AverageFilter/AverageFilter.cpp M /issm/trunk-
jpl/src/wrappers/Chaco/Chaco.cpp M /issm/trunk-jpl/src/wrappers/ContourToMesh/ContourToMesh.cpp
M /issm/trunk-jpl/src/wrappers/ContourToMesh/ContourToMesh.h M /issm/trunk-
jpl/src/wrappers/ContourToNodes/ContourToNodes.cpp M /issm/trunk-jpl/src/wrappers/ContourToNodes/C
M /issm/trunk-jpl/src/wrappers/EdgeDetection/EdgeDetection.cpp M /issm/trunk-
jpl/src/wrappers/ElementConnectivity/ElementConnectivity.cpp M /issm/trunk-
jpl/src/wrappers/EnumToString/EnumToString.h M /issm/trunk-jpl/src/wrappers/ExpSimplify/ExpSimplify
M /issm/trunk-jpl/src/wrappers/HoleFiller/HoleFiller.cpp M /issm/trunk-jpl/src/wrappers/InterpFromGridT
M /issm/trunk-jpl/src/wrappers/InterpFromMesh2d/InterpFromMesh2d.cpp M
/issm/trunk-jpl/src/wrappers/InterpFromMeshToGrid/InterpFromMeshToGrid.cpp
M /issm/trunk-jpl/src/wrappers/InterpFromMeshToMesh3d/InterpFromMeshToMesh3d.cpp
M /issm/trunk-jpl/src/wrappers/MeshPartition/MeshPartition.cpp M /issm/trunk-
jpl/src/wrappers/MeshPartition/MeshPartition.h M /issm/trunk-jpl/src/wrappers/MeshProfileIntersection/M
M /issm/trunk-jpl/src/wrappers/MeshProfileIntersection/MeshProfileIntersection.h
M /issm/trunk-jpl/src/wrappers/NodeConnectivity/NodeConnectivity.cpp M /issm/trunk-
jpl/src/wrappers/PointCloudFindNeighbors/PointCloudFindNeighbors.cpp M /issm/trunk-
jpl/src/wrappers/PropagateFlagsFromConnectivity/PropagateFlagsFromConnectivity.cpp
M /issm/trunk-jpl/src/wrappers/Scotch/Scotch.cpp M /issm/trunk-jpl/src/wrappers/Scotch/Scotch.h
M /issm/trunk-jpl/src/wrappers/Shp2Exp/Shp2Exp.h M /issm/trunk-jpl/src/wrappers/Shp2Kml/Shp2Kml.h
M /issm/trunk-jpl/src/wrappers/StringToEnum/StringToEnum.h M /issm/trunk-
jpl/src/wrappers/TriMesh/TriMesh.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/ApiPrintf.cpp
M /issm/trunk-jpl/src/wrappers/matlab/io/MatlabVectorToIssmVec.cpp M /issm/trunk-
jpl/src/wrappers/matlab/io/WriteMatlabData.cpp M /issm/trunk-jpl/src/wrappers/python/include/wrapper.
M /issm/trunk-jpl/src/wrappers/python/io/ApiPrintf.cpp M /issm/trunk-jpl/src/wrappers/python/io/WriteF
Export determination: 6.

Rationale: CHG: cosmetics, removed double blank lines

Change #792 with diff file ISSM-15107-15108.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/python/include/wrapper_macros.h
Export determination: 6.
Rationale: BUG: back to normal

Change #793 with diff file ISSM-15108-15109.diff:
Function name:
M /issm/trunk-jpl/externalpackages/windows/README
Export determination: 6.
Rationale: CHG: added instructions on smpd daemon

Change #794 with diff file ISSM-15109-15110.diff:
Function name:
A /issm/trunk-jpl/src/m/plot/plot_googleearth.m M /issm/trunk-jpl/src/m/plot/plot_manager.m
Export determination: 6.
Rationale: NEW: added 'googleearth' option, works for Greenland only for now

Change #795 with diff file ISSM-15110-15111.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_googleearth.m
Export determination: 6.
Rationale: CHG: minor

Change #796 with diff file ISSM-15111-15112.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_googleearth.m
Export determination: 6.
Rationale: CHG: better bounding box

Change #797 with diff file ISSM-15112-15113.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_googleearth.m
Export determination: 6.
Rationale: CHG: fixed caxis

Change #798 with diff file ISSM-15113-15114.diff:

Function name:

M /issm/trunk-jpl/package64.sh

Export determination: 6.

Rationale: CHG: added examples in the install

Change #799 with diff file ISSM-15114-15115.diff:

Function name:

M /issm/trunk-jpl/package64.sh

Export determination: 6.

Rationale: CHG: get version into packaging

Change #800 with diff file ISSM-15115-15116.diff:

Function name:

A /issm/trunk-jpl/configs/config-win7-64-parallel.sh M /issm/trunk-jpl/configs/config-win7-64.sh

Export determination: 6.

Rationale: CHG: new parallel build using petsc and MPICH2 on windows + modified existing serial configuration files.

Change #801 with diff file ISSM-15116-15117.diff:

Function name:

A /issm/trunk-jpl/externalpackages/mpich2/install-1.4.1-p1-win7.sh

Export determination: 6.

Rationale: CHG: windows 7 mpich2 binaries

Change #802 with diff file ISSM-15117-15118.diff:

Function name:

M /issm/trunk-jpl/patches/issm_options.m4

Export determination: 6.

Rationale: CHG: issm options for win7 in parallel

Change #803 with diff file ISSM-15118-15119.diff:

Function name:

A /issm/trunk-jpl/externalpackages/petsc/install-3.1-win7-parallel.sh

Export determination: 6.

Rationale: NEW: petsc running in parallel

Change #804 with diff file ISSM-15119-15120.diff:

Function name:

M /issm/trunk-jpl/externalpackages/windows/README

Export determination: 6.

Rationale: CHG: updated instructions for windows install using petsc in parallel

Change #805 with diff file ISSM-15120-15121.diff:

Function name:

M /issm/trunk-jpl/packagegers/win7 M /issm/trunk-jpl/packagegers/win7/ISSM.initial.aip

M /issm/trunk-jpl/packagegers/win7/package64.sh

Export determination: 6.

Rationale: CHG: updated packager for 64 win7 install

Change #806 with diff file ISSM-15121-15122.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/generic.m M /issm/trunk-jpl/src/m/os/oshostname.m

M /issm/trunk-jpl/src/m/solve/solve.m

Export determination: 6.

Rationale: CHG: update generic class to handle runs in parallel on windows platforms. Also updated oshostname, which on windows depended on the presence of sed, which is not guaranteed. Update solve.m list of files needed for the windows runs.

Change #807 with diff file ISSM-15122-15123.diff:

Function name:

M /issm/trunk-jpl/externalpackages/mpich2 M /issm/trunk-jpl/externalpackages/mpich2/install-1.4.1-p1-win7.sh

Export determination: 6.

Rationale: CHG: get svn to ignore some files + update install routine for

MPICH2 on win7 platforms.

Change #808 with diff file ISSM-15123-15124.diff:

Function name:

M /issm/trunk-jpl/src/m/solve/WriteData.m M /issm/trunk-jpl/src/m/solve/WriteData.py

Export determination: 6.

Rationale: CHG: added scale option for unit processing

Change #809 with diff file ISSM-15124-15125.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Numerics/UnitConversion.cpp M /issm/trunk-jpl/src/m/classes/timestepping.m M /issm/trunk-jpl/src/m/classes/timestepping.py

Export determination: 6.

Rationale: CHG: first test: removed moved timestepping conversion from Core to object

Change #810 with diff file ISSM-15125-15126.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Numerics/UnitConversion.cpp M /issm/trunk-jpl/src/m/classes/balancethickness.m M /issm/trunk-jpl/src/m/classes/balancethickness.py
M /issm/trunk-jpl/src/m/classes/gia.m M /issm/trunk-jpl/src/m/classes/gia.py
M /issm/trunk-jpl/src/m/classes/inversion.m M /issm/trunk-jpl/src/m/classes/inversion.py
M /issm/trunk-jpl/src/m/classes/matdamageice.m M /issm/trunk-jpl/src/m/classes/matdamageice.py
M /issm/trunk-jpl/src/m/classes/matice.m M /issm/trunk-jpl/src/m/classes/matice.py
M /issm/trunk-jpl/src/m/classes/timestepping.py

Export determination: 6.

Rationale: CHG: moved more conversions from Core to classes

Change #811 with diff file ISSM-15126-15127.diff:

Function name:

M /issm/trunk-jpl/src/m/lambert/lambert2xy.m A /issm/trunk-jpl/src/m/lambert/xy2lambert.m

Export determination: 6.

Rationale: CHG: xy2lambert function is added for reverse calculation of lambert2xy

Change #812 with diff file ISSM-15127-15128.diff:

Function name:

M /issm/trunk-jpl/src/m/solve/parseresultsfromdisk.m M /issm/trunk-jpl/src/m/solve/parseresultsfromdisk.p

Export determination: 6.

Rationale: Added process results in ReadData

Change #813 with diff file ISSM-15128-15129.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/ElementResults/BoolElementResult.cp
M /issm/trunk-jpl/src/c/classes/ElementResults/BoolElementResult.h M /issm/trunk-
jpl/src/c/classes/ElementResults/DoubleElementResult.cpp M /issm/trunk-jpl/src/c/classes/ElementResults/
M /issm/trunk-jpl/src/c/classes/ElementResults/ElementResult.h M /issm/trunk-
jpl/src/c/classes/ElementResults/PentaP1ElementResult.cpp M /issm/trunk-
jpl/src/c/classes/ElementResults/PentaP1ElementResult.h M /issm/trunk-jpl/src/c/classes/ElementResults/
M /issm/trunk-jpl/src/c/classes/ElementResults/TriaP1ElementResult.h M /issm/trunk-
jpl/src/c/classes/Elements/Element.h M /issm/trunk-jpl/src/c/classes/Elements/Elements.cpp
M /issm/trunk-jpl/src/c/classes/Elements/Elements.h M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp
M /issm/trunk-jpl/src/c/classes/Elements/Penta.h M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp
M /issm/trunk-jpl/src/c/classes/Elements/Tria.h M /issm/trunk-jpl/src/c/classes/Inputs/PentaP1Input.cpp
M /issm/trunk-jpl/src/c/classes/Inputs/TriaP1Input.cpp M /issm/trunk-jpl/src/c/classes/Materials/Matpar.c
M /issm/trunk-jpl/src/c/classes/Materials/Matpar.h M /issm/trunk-jpl/src/c/classes/Params/BoolParam.cpp
M /issm/trunk-jpl/src/c/classes/Params/BoolParam.h M /issm/trunk-jpl/src/c/classes/Params/DataSetPara
M /issm/trunk-jpl/src/c/classes/Params/DataSetParam.h M /issm/trunk-jpl/src/c/classes/Params/DoubleM
M /issm/trunk-jpl/src/c/classes/Params/DoubleMatArrayParam.h M /issm/trunk-
jpl/src/c/classes/Params/DoubleMatParam.cpp M /issm/trunk-jpl/src/c/classes/Params/DoubleMatParam.h
M /issm/trunk-jpl/src/c/classes/Params/DoubleParam.cpp M /issm/trunk-jpl/src/c/classes/Params/DoubleP
M /issm/trunk-jpl/src/c/classes/Params/DoubleTransientMatParam.cpp M /issm/trunk-
jpl/src/c/classes/Params/DoubleTransientMatParam.h M /issm/trunk-jpl/src/c/classes/Params/DoubleVecP
M /issm/trunk-jpl/src/c/classes/Params/DoubleVecParam.h M /issm/trunk-
jpl/src/c/classes/Params/FileParam.cpp M /issm/trunk-jpl/src/c/classes/Params/FileParam.h
M /issm/trunk-jpl/src/c/classes/Params/GenericParam.h M /issm/trunk-jpl/src/c/classes/Params/IntMatPa
M /issm/trunk-jpl/src/c/classes/Params/IntMatParam.h M /issm/trunk-jpl/src/c/classes/Params/IntParam.c
M /issm/trunk-jpl/src/c/classes/Params/IntParam.h M /issm/trunk-jpl/src/c/classes/Params/IntVecParam.c
M /issm/trunk-jpl/src/c/classes/Params/IntVecParam.h M /issm/trunk-jpl/src/c/classes/Params/MatrixPara
M /issm/trunk-jpl/src/c/classes/Params/MatrixParam.h M /issm/trunk-jpl/src/c/classes/Params/Param.h
M /issm/trunk-jpl/src/c/classes/Params/Parameters.cpp M /issm/trunk-jpl/src/c/classes/Params/Parameter
M /issm/trunk-jpl/src/c/classes/Params/StringArrayParam.cpp M /issm/trunk-
jpl/src/c/classes/Params/StringArrayParam.h M /issm/trunk-jpl/src/c/classes/Params/StringParam.cpp
M /issm/trunk-jpl/src/c/classes/Params/StringParam.h M /issm/trunk-jpl/src/c/classes/Params/TransientPa
M /issm/trunk-jpl/src/c/classes/Params/TransientParam.h M /issm/trunk-jpl/src/c/classes/Params/VectorP
M /issm/trunk-jpl/src/c/classes/Params/VectorParam.h M /issm/trunk-jpl/src/c/modules/IoModelToConstra
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateParameters.cpp M
/issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHoriz/CreateConstraintsDiagnosticHoriz.cpp

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Enthalpy/CreateConstraintsEnthalpy.cpp
M /issm/trunk-jpl/src/c/modules/OutputResultsx/OutputResultsx.cpp M /issm/trunk-jpl/src/c/shared/Numerics/CMakeLists.txt D /issm/trunk-jpl/src/c/shared/Numerics/UnitConversion.cpp
M /issm/trunk-jpl/src/c/shared/Numerics/Numerics.h M /issm/trunk-jpl/src/m/classes/basalforcings.m
M /issm/trunk-jpl/src/m/classes/basalforcings.py M /issm/trunk-jpl/src/m/classes/initialization.m
M /issm/trunk-jpl/src/m/classes/initialization.py M /issm/trunk-jpl/src/m/classes/surfaceforcings.m
M /issm/trunk-jpl/src/m/classes/surfaceforcings.py M /issm/trunk-jpl/src/m/solve/parseresultsfromdisk.m
M /issm/trunk-jpl/src/m/solve/parseresultsfromdisk.py
Export determination: 6.
Rationale: DEL: removed ProcessUnits from core, moved everything to m/py

Change #814 with diff file ISSM-15129-15130.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Element.h M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp
M /issm/trunk-jpl/src/c/classes/Elements/Penta.h M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp
M /issm/trunk-jpl/src/c/classes/Elements/Tria.h M /issm/trunk-jpl/src/c/classes/FemModel.cpp
M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt
M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/enum/EnumDefinitions
D /issm/trunk-jpl/src/m/enum/ExtToLuEnum.m D /issm/trunk-jpl/src/m/enum/IuToExtEnum.m
M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m
Export determination: 6.
Rationale: CHG: removed useless Enums

Change #815 with diff file ISSM-15130-15131.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/DependentObject.cpp M /issm/trunk-jpl/src/c/classes/Elements/Element.h
M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/Elements/Penta.h
M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.h
M /issm/trunk-jpl/src/c/classes/FemModel.cpp M /issm/trunk-jpl/src/c/classes/FemModel.h
M /issm/trunk-jpl/src/c/classes/Inputs/BoolInput.cpp M /issm/trunk-jpl/src/c/classes/Inputs/BoolInput.h
M /issm/trunk-jpl/src/c/classes/Inputs/ControlInput.h M /issm/trunk-jpl/src/c/classes/Inputs/DatasetInput
M /issm/trunk-jpl/src/c/classes/Inputs/DoubleInput.cpp M /issm/trunk-jpl/src/c/classes/Inputs/DoubleInput
M /issm/trunk-jpl/src/c/classes/Inputs/Input.h M /issm/trunk-jpl/src/c/classes/Inputs/IntInput.cpp
M /issm/trunk-jpl/src/c/classes/Inputs/IntInput.h M /issm/trunk-jpl/src/c/classes/Inputs/PentaP1Input.cpp
M /issm/trunk-jpl/src/c/classes/Inputs/PentaP1Input.h M /issm/trunk-jpl/src/c/classes/Inputs/TransientInp
M /issm/trunk-jpl/src/c/classes/Inputs/TransientInput.h M /issm/trunk-jpl/src/c/classes/Inputs/TriaP1Inpu
M /issm/trunk-jpl/src/c/classes/Inputs/TriaP1Input.h M /issm/trunk-jpl/src/c/modules/DragCoefficientAbs
M /issm/trunk-jpl/src/c/modules/DragCoefficientAbsGradientx/DragCoefficientAbsGradientx.h
M /issm/trunk-jpl/src/c/modules/NodalValuex/NodalValuex.cpp M /issm/trunk-jpl/src/c/modules/NodalValuex/NodalValuex.h M /issm/trunk-jpl/src/c/modules/RheologyBbarAbsGradient

M /issm/trunk-jpl/src/c/modules/RheologyBbarAbsGradientx/RheologyBbarAbsGradientx.h
M /issm/trunk-jpl/src/c/modules/SurfaceAbsVelMisfitx/SurfaceAbsVelMisfitx.cpp
M /issm/trunk-jpl/src/c/modules/SurfaceAbsVelMisfitx/SurfaceAbsVelMisfitx.h
M /issm/trunk-jpl/src/c/modules/SurfaceAverageVelMisfitx/SurfaceAverageVelMisfitx.cpp
M /issm/trunk-jpl/src/c/modules/SurfaceAverageVelMisfitx/SurfaceAverageVelMisfitx.h
M /issm/trunk-jpl/src/c/modules/SurfaceLogVelMisfitx/SurfaceLogVelMisfitx.cpp
M /issm/trunk-jpl/src/c/modules/SurfaceLogVelMisfitx/SurfaceLogVelMisfitx.h
M /issm/trunk-jpl/src/c/modules/SurfaceLogVxVyMisfitx/SurfaceLogVxVyMisfitx.cpp
M /issm/trunk-jpl/src/c/modules/SurfaceLogVxVyMisfitx/SurfaceLogVxVyMisfitx.h
M /issm/trunk-jpl/src/c/modules/SurfaceRelVelMisfitx/SurfaceRelVelMisfitx.cpp
M /issm/trunk-jpl/src/c/modules/SurfaceRelVelMisfitx/SurfaceRelVelMisfitx.h
M /issm/trunk-jpl/src/c/modules/ThicknessAbsMisfitx/ThicknessAbsMisfitx.cpp
M /issm/trunk-jpl/src/c/modules/ThicknessAbsMisfitx/ThicknessAbsMisfitx.h
M /issm/trunk-jpl/src/c/modules/ThicknessAcrossGradientx/ThicknessAcrossGradientx.cpp
M /issm/trunk-jpl/src/c/modules/ThicknessAcrossGradientx/ThicknessAcrossGradientx.h
M /issm/trunk-jpl/src/c/modules/ThicknessAlongGradientx/ThicknessAlongGradientx.cpp
M /issm/trunk-jpl/src/c/modules/ThicknessAlongGradientx/ThicknessAlongGradientx.h
Export determination: 6.
Rationale: CHG: removing all process_units

Change #816 with diff file ISSM-15131-15132.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/autodiff.m M /issm/trunk-jpl/src/m/classes/autodiff.py
M /issm/trunk-jpl/src/m/classes/balancethickness.m M /issm/trunk-jpl/src/m/classes/balancethickness.py
M /issm/trunk-jpl/src/m/classes/basalforcings.m M /issm/trunk-jpl/src/m/classes/basalforcings.py
M /issm/trunk-jpl/src/m/classes/constants.m M /issm/trunk-jpl/src/m/classes/constants.py
M /issm/trunk-jpl/src/m/classes/debug.m M /issm/trunk-jpl/src/m/classes/debug.py
M /issm/trunk-jpl/src/m/classes/diagnostic.m M /issm/trunk-jpl/src/m/classes/diagnostic.py
M /issm/trunk-jpl/src/m/classes/flowequation.m M /issm/trunk-jpl/src/m/classes/flowequation.py
M /issm/trunk-jpl/src/m/classes/friction.m M /issm/trunk-jpl/src/m/classes/friction.py
M /issm/trunk-jpl/src/m/classes/geometry.m M /issm/trunk-jpl/src/m/classes/geometry.py
M /issm/trunk-jpl/src/m/classes/gia.m M /issm/trunk-jpl/src/m/classes/gia.py
M /issm/trunk-jpl/src/m/classes/groundingline.m M /issm/trunk-jpl/src/m/classes/groundingline.py
M /issm/trunk-jpl/src/m/classes/hydrologydc.m M /issm/trunk-jpl/src/m/classes/hydrologyshreve.m
M /issm/trunk-jpl/src/m/classes/hydrologyshreve.py M /issm/trunk-jpl/src/m/classes/initialization.m
M /issm/trunk-jpl/src/m/classes/initialization.py M /issm/trunk-jpl/src/m/classes/inversion.m
M /issm/trunk-jpl/src/m/classes/inversion.py M /issm/trunk-jpl/src/m/classes/mask.m
M /issm/trunk-jpl/src/m/classes/mask.py M /issm/trunk-jpl/src/m/classes/matdamageice.m
M /issm/trunk-jpl/src/m/classes/matdamageice.py M /issm/trunk-jpl/src/m/classes/matice.m
M /issm/trunk-jpl/src/m/classes/matice.py M /issm/trunk-jpl/src/m/classes/mesh.m
M /issm/trunk-jpl/src/m/classes/mesh.py M /issm/trunk-jpl/src/m/classes/miscellaneous.m
M /issm/trunk-jpl/src/m/classes/miscellaneous.py M /issm/trunk-jpl/src/m/classes/oldclasses/hydrology.m
M /issm/trunk-jpl/src/m/classes/pairoptions.m M /issm/trunk-jpl/src/m/classes/pairoptions.py

M /issm/trunk-jpl/src/m/classes/planetmesh.m M /issm/trunk-jpl/src/m/classes/prognostic.m
M /issm/trunk-jpl/src/m/classes/prognostic.py M /issm/trunk-jpl/src/m/classes/qmu.m
M /issm/trunk-jpl/src/m/classes/qmu.py M /issm/trunk-jpl/src/m/classes/results.py
M /issm/trunk-jpl/src/m/classes/rifts.m M /issm/trunk-jpl/src/m/classes/rifts.py
M /issm/trunk-jpl/src/m/classes/settings.m M /issm/trunk-jpl/src/m/classes/settings.py
M /issm/trunk-jpl/src/m/classes/steadystate.m M /issm/trunk-jpl/src/m/classes/steadystate.py
M /issm/trunk-jpl/src/m/classes/surfaceforcings.m M /issm/trunk-jpl/src/m/classes/surfaceforcings.py
M /issm/trunk-jpl/src/m/classes/taoinversion.m M /issm/trunk-jpl/src/m/classes/thermal.m
M /issm/trunk-jpl/src/m/classes/thermal.py M /issm/trunk-jpl/src/m/classes/timestepping.m
M /issm/trunk-jpl/src/m/classes/timestepping.py M /issm/trunk-jpl/src/m/classes/transient.m
M /issm/trunk-jpl/src/m/classes/transient.py M /issm/trunk-jpl/src/m/classes/verbose.m
M /issm/trunk-jpl/src/m/classes/verbose.py M /issm/trunk-jpl/src/m/solve/marshall.m
M /issm/trunk-jpl/src/m/solve/marshall.py
Export determination: 6.
Rationale: CHG: object's marshall's now have access to md

Change #817 with diff file ISSM-15132-15133.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/balancethickness.m M /issm/trunk-jpl/src/m/classes/balancethickness.py
M /issm/trunk-jpl/src/m/classes/basalforcings.m M /issm/trunk-jpl/src/m/classes/basalforcings.py
M /issm/trunk-jpl/src/m/classes/diagnostic.m M /issm/trunk-jpl/src/m/classes/diagnostic.py
M /issm/trunk-jpl/src/m/classes/geometry.m M /issm/trunk-jpl/src/m/classes/geometry.py
M /issm/trunk-jpl/src/m/classes/hydrologydc.m M /issm/trunk-jpl/src/m/classes/hydrologyshreve.m
M /issm/trunk-jpl/src/m/classes/hydrologyshreve.py M /issm/trunk-jpl/src/m/classes/prognostic.m
M /issm/trunk-jpl/src/m/classes/prognostic.py M /issm/trunk-jpl/src/m/classes/surfaceforcings.m
M /issm/trunk-jpl/src/m/classes/surfaceforcings.py M /issm/trunk-jpl/src/m/classes/thermal.m
M /issm/trunk-jpl/src/m/classes/thermal.py M /issm/trunk-jpl/src/m/solve/WriteData.m
M /issm/trunk-jpl/src/m/solve/WriteData.py
Export determination: 6.
Rationale: CHG: do not scale entire matrix if forcing, scale up to the last row

Change #818 with diff file ISSM-15133-15134.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/basalforcings.m M /issm/trunk-jpl/src/m/classes/basalforcings.py
M /issm/trunk-jpl/src/m/classes/diagnostic.m M /issm/trunk-jpl/src/m/classes/diagnostic.py
M /issm/trunk-jpl/src/m/classes/geometry.m M /issm/trunk-jpl/src/m/classes/geometry.py
M /issm/trunk-jpl/src/m/classes/hydrologydc.m M /issm/trunk-jpl/src/m/classes/hydrologyshreve.m
M /issm/trunk-jpl/src/m/classes/hydrologyshreve.py M /issm/trunk-jpl/src/m/classes/prognostic.m
M /issm/trunk-jpl/src/m/classes/prognostic.py M /issm/trunk-jpl/src/m/classes/surfaceforcings.m
M /issm/trunk-jpl/src/m/classes/surfaceforcings.py M /issm/trunk-jpl/src/m/classes/thermal.m

M /issm/trunk-jpl/src/m/classes/thermal.py M /issm/trunk-jpl/src/m/solve/WriteData.m
M /issm/trunk-jpl/src/m/solve/WriteData.py
Export determination: 6.
Rationale: CHG: added forcinglelength option so that WriteData knows whether
all lines should be modified or not

Change #819 with diff file ISSM-15134-15135.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/IoModelToConstraintsx/IoModelToConstraintsx.cpp

Export determination: 6.

Rationale: CHG: forgot conversion of spc

Change #820 with diff file ISSM-15135-15136.diff:

Function name:

M /issm/trunk-jpl/src/m/solve/parseresultsfromdisk.m M /issm/trunk-jpl/src/m/solve/parseresultsfromdisk.p

Export determination: 6.

Rationale: BUG: fixed unit conversion of TotalSmb

Change #821 with diff file ISSM-15136-15137.diff:

Function name:

M /issm/trunk-jpl/src/m/solve/WriteData.py

Export determination: 6.

Rationale: BUG: scae even if length=0

Change #822 with diff file ISSM-15137-15138.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp

Export determination: 6.

Rationale: CHG: removed some unit conversion within the code

Change #823 with diff file ISSM-15138-15139.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test111.m M /issm/trunk-jpl/test/NightlyRun/test111.py

M /issm/trunk-jpl/test/NightlyRun/test119.m M /issm/trunk-jpl/test/NightlyRun/test119.py
Export determination: 6.
Rationale: CHG: relaxed some tolerances

Change #824 with diff file ISSM-15139-15140.diff:

Function name:

A /issm/trunk-jpl/src/m/coordsystems (from /issm/trunk-jpl/src/m/latlong:15137)

A /issm/trunk-jpl/src/m/coordsystems/lambert2xy.m (from /issm/trunk-jpl/src/m/lambert/lambert2xy.m:15

A /issm/trunk-jpl/src/m/coordsystems/ll2mercator.m A /issm/trunk-jpl/src/m/coordsystems/xy2lambert.m
(from /issm/trunk-jpl/src/m/lambert/xy2lambert.m:15137) D /issm/trunk-jpl/src/m/lambert

D /issm/trunk-jpl/src/m/latlong

Export determination: 6.

Rationale: CHG: moved all coordinate system transformations to coordsystems,
and added ll2mercator

Change #825 with diff file ISSM-15140-15141.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/GiaDeflectionCorex.cpp

M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/freed.f M /issm/trunk-

jpl/src/c/modules/GiaDeflectionCorex/ojrule.f M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/pwise.f

M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/qwise.f M /issm/trunk-

jpl/src/c/modules/GiaDeflectionCorex/stot.f M /issm/trunk-jpl/src/c/modules/GiaDeflectionCorex/what0.f

Export determination: 6.

Rationale: CHG: now one can compute both W and dWdt solutions at the same
time

Change #826 with diff file ISSM-15141-15142.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/GiaDeflectionCoreArgs.h

Export determination: 6.

Rationale: CHG: irate is no more in use

Change #827 with diff file ISSM-15142-15143.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp

Export determination: 6.
Rationale: CHG: removed GIA argument irate

Change #828 with diff file ISSM-15143-15144.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/gia.m M /issm/trunk-jpl/src/m/classes/gia.py
Export determination: 6.
Rationale: CHG: removed gia irate

Change #829 with diff file ISSM-15144-15145.diff:
Function name:
M /issm/trunk-jpl/src/m/coordsystems/ll2mercator.m A /issm/trunk-jpl/src/m/coordsystems/mercator2ll.m
Export determination: 6.
Rationale: CHG: added mercator2ll.m for reverse transformation

Change #830 with diff file ISSM-15145-15146.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_googleearth.m
Export determination: 6.
Rationale: CHG: now use ll2mercator

Change #831 with diff file ISSM-15146-15147.diff:
Function name:
D /issm/trunk-jpl/src/m/plot/plot_googleearth.m A /issm/trunk-jpl/src/m/plot/plot_googlemaps.m
(from /issm/trunk-jpl/src/m/plot/plot_googleearth.m:15145) M /issm/trunk-jpl/src/m/plot/plot_manager.m
Export determination: 6.
Rationale: CHG: moved plot_googleearth.m to plot_googlemaps.m

Change #832 with diff file ISSM-15147-15148.diff:
Function name:
M /issm/trunk-jpl/src/m/Makefile.am
Export determination: 6.

Rationale: CHG: updated to make coordsystems/*.m

Change #833 with diff file ISSM-15148-15149.diff:

Function name:

A /issm/trunk-jpl/src/m/plot/googlemaps.m M /issm/trunk-jpl/src/m/plot/plot_googlemaps.m

Export determination: 6.

Rationale: CHG: separated plot_googlemaps.m and googlemaps.m

Change #834 with diff file ISSM-15149-15150.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/googlemaps.m M /issm/trunk-jpl/src/m/plot/plot_googlemaps.m

Export determination: 6.

Rationale: CHG: some fixed

Change #835 with diff file ISSM-15150-15151.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt

M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp

Export determination: 6.

Rationale: CHG: GiaOutputRatesEnum is removed

Change #836 with diff file ISSM-15151-15152.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp

Export determination: 6.

Rationale: CHG: update associated with removed GiaOutputRatesEnum

Change #837 with diff file ISSM-15152-15153.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateParameters.cpp

Export determination: 6.

Rationale: CHG: update associated with removed GiaOutputRatesEnum

Change #838 with diff file ISSM-15153-15154.diff:

Function name:

M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEn

Export determination: 6.

Rationale: CHG: update associated with removed GiaOutputRatesEnum

Change #839 with diff file ISSM-15154-15155.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test2001.m M /issm/trunk-jpl/test/NightlyRun/test2001.py

M /issm/trunk-jpl/test/NightlyRun/test2051.m M /issm/trunk-jpl/test/NightlyRun/test2052.m

M /issm/trunk-jpl/test/NightlyRun/test2053.m D /issm/trunk-jpl/test/NightlyRun/test2061.m

D /issm/trunk-jpl/test/NightlyRun/test2062.m D /issm/trunk-jpl/test/NightlyRun/test2063.m

M /issm/trunk-jpl/test/NightlyRun/test2071.m M /issm/trunk-jpl/test/NightlyRun/test2072.m

M /issm/trunk-jpl/test/NightlyRun/test2073.m M /issm/trunk-jpl/test/NightlyRun/test2081.m

M /issm/trunk-jpl/test/NightlyRun/test2082.m M /issm/trunk-jpl/test/NightlyRun/test2083.m

Export determination: 6.

Rationale: CHG: gia nightly runs are updated

Change #840 with diff file ISSM-15155-15156.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/googlemaps.m M /issm/trunk-jpl/src/m/plot/plot_googlemaps.m

Export determination: 6.

Rationale: CHG: also works for Antarctica now (rotation needed though...)

Change #841 with diff file ISSM-15156-15157.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test2071.m

Export determination: 6.

Rationale: CHG: using a coarse mesh

Change #842 with diff file ISSM-15157-15158.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive2001.nc M /issm/trunk-jpl/test/Archives/Archive2051.nc

M /issm/trunk-jpl/test/Archives/Archive2052.nc M /issm/trunk-jpl/test/Archives/Archive2053.nc

D /issm/trunk-jpl/test/Archives/Archive2061.nc D /issm/trunk-jpl/test/Archives/Archive2062.nc

D /issm/trunk-jpl/test/Archives/Archive2063.nc M /issm/trunk-jpl/test/Archives/Archive2071.nc
M /issm/trunk-jpl/test/Archives/Archive2072.nc M /issm/trunk-jpl/test/Archives/Archive2073.nc
M /issm/trunk-jpl/test/Archives/Archive2081.nc M /issm/trunk-jpl/test/Archives/Archive2082.nc
M /issm/trunk-jpl/test/Archives/Archive2083.nc
Export determination: 6.
Rationale: CHG: updated gia archives

Change #843 with diff file ISSM-15158-15159.diff:

Function name:
M /issm/trunk-jpl/patches/issm_options.m4
Export determination: 6.
Rationale: CHG: Changed Win32 MEX flags.

Change #844 with diff file ISSM-15159-15160.diff:

Function name:
A /issm/trunk-jpl/externalpackages/proj.4 A /issm/trunk-jpl/externalpackages/proj.4/install.sh
Export determination: 6.
Rationale: NEW: added proj.4 needed by gdal for reprojections

Change #845 with diff file ISSM-15160-15161.diff:

Function name:
M /issm/trunk-jpl/src/m/plot/googlemaps.m M /issm/trunk-jpl/src/m/plot/plot_googlemaps.m
Export determination: 6.
Rationale: CHG: rotate Google map image so that we use the same projection
(requires new gdal and proj.4...)

Change #846 with diff file ISSM-15161-15162.diff:

Function name:
M /issm/trunk-jpl/src/c/analyses/hydrology_core.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/UpdateElementsHydrologyDCIn
M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt
M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/c/solutionsequences/soluti
Export determination: 6.
Rationale: BUG: fixing the convergence issue in the hydrological solver

Change #847 with diff file ISSM-15162-15163.diff:

Function name:

A /issm/trunk-jpl/test/NightlyRun/test333.m D /issm/trunk-jpl/test/NightlyRun/tt333.m

Export determination: 6.

Rationale: BUG: Putting back test333 to the nightly runs

Change #848 with diff file ISSM-15163-15164.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/InterpFromMeshToGridx/InterpFromMeshToGridx.cpp

Export determination: 6.

Rationale: BUG: case yspacingi0 not working

Change #849 with diff file ISSM-15164-15165.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/Shp2Expx/Shp2Expx.cpp M /issm/trunk-jpl/src/c/modules/Shp2Kmlx/Shp2Kmlx.cpp

M /issm/trunk-jpl/src/c/shared/String/ApiPrintf.cpp M /issm/trunk-jpl/src/c/shared/String/sharedstring.h

M /issm/trunk-jpl/src/c/shared/io/Print/PrintfFunction.cpp

Export determination: 6.

Rationale: BUG: missing include files

Change #850 with diff file ISSM-15165-15166.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am M /issm/trunk-jpl/src/wrappers/matlab/io/ApiPrintf.c

M /issm/trunk-jpl/src/wrappers/matlab/io/matlabio.h M /issm/trunk-jpl/src/wrappers/python/io/ApiPrintf.c

M /issm/trunk-jpl/src/wrappers/python/io/WritePythonData.cpp M /issm/trunk-jpl/src/wrappers/python/io/pythonio.h

Export determination: 6.

Rationale: CHG: changed ApiPrintf prototype

Change #851 with diff file ISSM-15166-15167.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am

Export determination: 6.

Rationale: CHG: reverting to previous release

Change #852 with diff file ISSM-15167-15168.diff:

Function name:

M /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/AboutViewController.h

M /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/AboutViewController.m

M /issm/trunk-jpl/src/mobile/ios/ISSM_APP/ISSM_APP/ISSM_APP/en.lproj/MainStoryboard_iPhone.story

Export determination: 6.

Rationale: Working main menu and about page in simulator

Change #853 with diff file ISSM-15168-15169.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/InterpFromMeshToGridx/InterpFromMeshToGridx.cpp

Export determination: 6.

Rationale: CHG: fixing interpolation if xflip or yflip

Change #854 with diff file ISSM-15169-15170.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_googlemaps.m

Export determination: 6.

Rationale: CHG: faster interpolation since we have a grid

Change #855 with diff file ISSM-15170-15171.diff:

Function name:

M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/EplHeadOldEnum.m

M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m

Export determination: 6.

Rationale: CHG: Sync'ed enums

Change #856 with diff file ISSM-15171-15172.diff:

Function name:

M /issm/trunk-jpl/m4/issm_options.m4

Export determination: 6.

Rationale: NEW: Updated issm_options.m4 for Dakota 5.3.

Change #857 with diff file ISSM-15172-15173.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/googlemaps.m M /issm/trunk-jpl/src/m/plot/plot_googlemaps.m

Export determination: 6.

Rationale: CHG: if gdal is not installed

Change #858 with diff file ISSM-15173-15174.diff:

Function name:

M /issm/trunk-jpl/etc/environment.sh

Export determination: 6.

Rationale: NEW: Updated environment.sh for Dakota 5.3.

Change #859 with diff file ISSM-15174-15175.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am

Export determination: 6.

Rationale: NEW: Updated Makefile.am for Dakota 5.3.

Change #860 with diff file ISSM-15175-15176.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/googlemaps.m

Export determination: 6.

Rationale: CHG: case when proj.4 not installed

Change #861 with diff file ISSM-15176-15177.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/googlemaps.m

Export determination: 6.

Rationale: CHG: minor

Change #862 with diff file ISSM-15177-15178.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/dakota_core.cpp

Export determination: 6.
Rationale: NEW: Updated dakota_core.cpp for Dakota 5.3.

Change #863 with diff file ISSM-15178-15179.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/googlemaps.m
Export determination: 6.
Rationale: CHG: minor, use strfind instead of strncmp

Change #864 with diff file ISSM-15179-15180.diff:
Function name:
D /issm/trunk-jpl/src/m/enum/GiaOutputRatesEnum.m
Export determination: 6.
Rationale: CHG: removed GiaOutputRatesEnum.m

Change #865 with diff file ISSM-15180-15181.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: BUG: Fixed wildcard handling for DAKOTA_VERSION.

Change #866 with diff file ISSM-15181-15182.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: BUG: Mathieu won't let me leave until I properly fix wildcard handling for DAKOTA_VERSION.

Change #867 with diff file ISSM-15182-15183.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp
Export determination: 6.
Rationale: CHG: treatment of the residual input is changed to avoid division

multiplication by the basis function

Change #868 with diff file ISSM-15183-15184.diff:

Function name:

M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_hydro_nonlinear.cpp

Export determination: 6.

Rationale: CHG: cleaning convergence verbose

Change #869 with diff file ISSM-15184-15185.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive333.nc

Export determination: 6.

Rationale: FIX: archive for test 333

Change #870 with diff file ISSM-15185-15186.diff:

Function name:

M /issm/trunk-jpl/externalpackages/adolc/install-update-dev.sh

Export determination: 6.

Rationale: CHG: updated script to run on murdo

Change #871 with diff file ISSM-15186-15187.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/IoModelToConstraintsx/IoModelToConstraintsx.cpp

Export determination: 6.

Rationale: CHG: reactivating yts as active double

Change #872 with diff file ISSM-15187-15188.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive3019.nc M /issm/trunk-jpl/test/Archives/Archive3020.nc

Export determination: 6.

Rationale: CHG: updated archives for AD runs after changes in unit conversion

Change #873 with diff file ISSM-15188-15189.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive234.nc M /issm/trunk-jpl/test/Archives/Archive235.nc

M /issm/trunk-jpl/test/Archives/Archive414.nc M /issm/trunk-jpl/test/Archives/Archive417.nc

Export determination: 6.

Rationale: CHG: new archives in SI

Change #874 with diff file ISSM-15189-15190.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt

M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp

Export determination: 6.

Rationale: CHG:adding an enum for the active EPL mask

Change #875 with diff file ISSM-15190-15191.diff:

Function name:

M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/HydrologydcMaskEplact

M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m

Export determination: 6.

Rationale: CHG:adding an enum for the active EPL mask

Change #876 with diff file ISSM-15191-15192.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/hydrology_core.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp

M /issm/trunk-jpl/src/c/classes/Elements/Tria.h M /issm/trunk-jpl/src/m/classes/hydrologydc.m

M /issm/trunk-jpl/test/NightlyRun/test332.m M /issm/trunk-jpl/test/NightlyRun/test333.m

Export determination: 6.

Rationale: NEW:Adding a mask for the active EPL nodes

Change #877 with diff file ISSM-15192-15193.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Hydr

Export determination: 6.

Rationale: BUG:fixing issues with the EPL mask

Change #878 with diff file ISSM-15193-15194.diff:

Function name:

A /issm/trunk-jpl/externalpackages/petsc/install-3.2-ubuntu64.sh

Export determination: 6.

Rationale: CHG: ubuntu64 configuration

Change #879 with diff file ISSM-15194-15195.diff:

Function name:

M /issm/trunk-jpl/configs/config-linux64-ubuntu64.sh M /issm/trunk-jpl/src/c/bamg/R2.h

Export determination: 6.

Rationale: CHG: R2.h missing include file that declares Abs routine. CHG: config-linux64-ubuntu64.sh updated to compile on xubuntu 13.0.4

Change #880 with diff file ISSM-15195-15196.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/HydrologyDCInefficient/UpdateElementsHydrologyDCIn

Export determination: 6.

Rationale: BUG:Fixing isefficientlayer issue with Shreve hydrology

Change #881 with diff file ISSM-15196-15197.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp

Export determination: 6.

Rationale: BUG:Fixing computation of hydrostatic upper limit for the sediment head

Change #882 with diff file ISSM-15197-15198.diff:

Function name:

M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_nonlinear.cpp

Export determination: 6.

Rationale: BUG: fixed big memory leak

Change #883 with diff file ISSM-15198-15199.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/DofIndexing.cpp M /issm/trunk-jpl/src/c/classes/DofIndexing.h

M /issm/trunk-jpl/src/c/classes/Node.cpp M /issm/trunk-jpl/src/c/classes/Node.h

Export determination: 6.

Rationale: NEW: Added active field in node for node activation/deactivation

Change #884 with diff file ISSM-15199-15200.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/FemModel.cpp

Export determination: 6.

Rationale: CHG: minor cosmetics

Change #885 with diff file ISSM-15200-15201.diff:

Function name:

D /issm/trunk-jpl/externalpackages/gdaltokmz

Export determination: 6.

Rationale: DEL: removed unused package

Change #886 with diff file ISSM-15201-15202.diff:

Function name:

A /issm/trunk-jpl/externalpackages/gdal/install-1.10-macosx64.sh

Export determination: 6.

Rationale: NEW: added install-1.10-macosx64.sh

Change #887 with diff file ISSM-15202-15203.diff:

Function name:

A /issm/trunk-jpl/externalpackages/gdal/install-1.10-linux64.sh M /issm/trunk-jpl/externalpackages/gdal/install-1.10-macosx64.sh D /issm/trunk-jpl/externalpackages/gdal/install-1.9-linux64.sh D /issm/trunk-jpl/externalpackages/gdal/install-1.9-macosx64.sh

Export determination: 6.

Rationale: CHG: removed 1.9 and added installation script for 1.10 (include bug fix for gdal2tiles)

Change #888 with diff file ISSM-15203-15204.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/matdamageice.m M /issm/trunk-jpl/src/m/classes/matice.m

Export determination: 6.

Rationale: CHG: do not check GIA stuff if not in analyses

Change #889 with diff file ISSM-15204-15205.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/String/ApiPrintf.cpp

Export determination: 6.

Rationale: BUG: fixed warning, format not a string literal and no format arguments

Change #890 with diff file ISSM-15205-15206.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/controltao_core.cpp

Export determination: 6.

Rationale: BUG: new prototype for Responsex, no more processoptions

Change #891 with diff file ISSM-15206-15207.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/googlemaps.m

Export determination: 6.

Rationale: CHG: translated from italian

Change #892 with diff file ISSM-15207-15208.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/googlemaps.m

Export determination: 6.

Rationale: CHG: reverting to bottom=120

Change #893 with diff file ISSM-15208-15209.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/googlemaps.m
Export determination: 6.
Rationale: CHG: better consistency with bottom

Change #894 with diff file ISSM-15209-15210.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/googlemaps.m
Export determination: 6.
Rationale: CHG: minor

Change #895 with diff file ISSM-15210-15211.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/googlemaps.m
Export determination: 6.
Rationale: CHG: minor

Change #896 with diff file ISSM-15211-15212.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/manualcb.m
Export determination: 6.
Rationale: don't return to main axes if showregion is used, it covers up the inset with the main axes

Change #897 with diff file ISSM-15212-15213.diff:
Function name:
A /issm/trunk-jpl/externalpackages/dakota/configs/5.3 A /issm/trunk-jpl/externalpackages/dakota/configs/5.3
A /issm/trunk-jpl/externalpackages/dakota/configs/5.3/DakotaDev.cmake.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/5.3/NonDLocalReliability.cpp.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/5.3/NonDSampling.cpp.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/5.3/ParallelLibrary.cpp.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/5.3/ParallelLibrary.hpp.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/5.3/pecos_global_defs.hpp.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/5.3/utlibExpat_patch.txt A
/issm/trunk-jpl/externalpackages/dakota/install-5.3-linux64-astrid.sh
Export determination: 6.

Rationale: NEW: Dakota 5.3 install files.

Change #898 with diff file ISSM-15213-15214.diff:

Function name:

M /issm/trunk-jpl/externalpackages/dakota/install-5.3-linux64-astrid.sh

Export determination: 6.

Rationale: CHG: Enable installation of Dakota 5.3 from external package server.

Change #899 with diff file ISSM-15214-15215.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/solutionsequences/solutionsequen

Export determination: 6.

Rationale: BUG:fix on the EPL mask definition

Change #900 with diff file ISSM-15215-15216.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp

Export determination: 6.

Rationale: CHG:removing ugly print

Change #901 with diff file ISSM-15216-15217.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Inputs/TransientInput.cpp

Export determination: 6.

Rationale: BUG: wrong use of assert

Change #902 with diff file ISSM-15217-15218.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/InterpFromGridToMeshx/InterpFromGridToMeshx.cpp

M /issm/trunk-jpl/src/c/modules/InterpFromMesh2dx/InterpFromMesh2dx.cpp

M /issm/trunk-jpl/src/c/modules/InterpFromMeshToMesh3dx/InterpFromMeshToMesh3dx.cpp

Export determination: 6.

Rationale: BUG: missing return statement

Change #903 with diff file ISSM-15218-15219.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Exp/exp.h

Export determination: 6.

Rationale: BUG: missing return statement

Change #904 with diff file ISSM-15219-15220.diff:

Function name:

M /issm/trunk-jpl/src/c/bamg/Mesh.cpp

Export determination: 6.

Rationale: CHG: typo

Change #905 with diff file ISSM-15220-15221.diff:

Function name:

M /issm/trunk-jpl/src/m/mesh/bamg.m

Export determination: 6.

Rationale: CHG: typo

Change #906 with diff file ISSM-15221-15222.diff:

Function name:

A /issm/trunk-jpl/externalpackages/tao/install-2.2.sh

Export determination: 6.

Rationale: NEW: added tao 2.2, compatible with PETSc 3.4

Change #907 with diff file ISSM-15222-15223.diff:

Function name:

A /issm/trunk-jpl/externalpackages/mpich/install-2.1.4-linux64.sh A /issm/trunk-jpl/externalpackages/mpich/install-2.1.4-macosx32.sh A /issm/trunk-jpl/externalpackages/mpich/install-2.1.4-macosx64.sh A /issm/trunk-jpl/externalpackages/mpich/install-2.1.4.1-p1-win7.sh A /issm/trunk-jpl/externalpackages/mpich/install-2.1.5-linux64.sh A /issm/trunk-jpl/externalpackages/mpich/install-2.1.5-macosx64.sh A /issm/trunk-jpl/externalpackages/mpich/install-2.1.5-walgreen.sh

Export determination: 6.

Rationale: NEW: moved mpich2 installation scripts to mpich

Change #908 with diff file ISSM-15223-15224.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/DofIndexing.cpp M /issm/trunk-jpl/src/c/classes/DofIndexing.h
M /issm/trunk-jpl/src/c/classes/Elements/Element.h M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp
M /issm/trunk-jpl/src/c/classes/Elements/Penta.h M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp
M /issm/trunk-jpl/src/c/classes/Elements/Tria.h M /issm/trunk-jpl/src/c/classes/FemModel.cpp
M /issm/trunk-jpl/src/c/classes/Node.cpp M /issm/trunk-jpl/src/c/classes/Node.h
M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_hydro_nonlinear.cpp

Export determination: 6.

Rationale: CHG:evolving spc for the epl layer and moving the hydrological convergence criterion on ug

Change #909 with diff file ISSM-15224-15225.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Loads/Friction.cpp

Export determination: 6.

Rationale: FIX: minor improved error message

Change #910 with diff file ISSM-15225-15226.diff:

Function name:

A /issm/trunk-jpl/configs/config-linux64-larsen-petsc3.2.sh (from /issm/trunk-jpl/configs/config-linux64-larsen.sh:15224) D /issm/trunk-jpl/configs/config-linux64-larsen.sh

Export determination: 6.

Rationale: CHG: now use PETSc 3.4 for NR

Change #911 with diff file ISSM-15226-15227.diff:

Function name:

A /issm/trunk-jpl/configs/config-linux64-larsen.sh

Export determination: 6.

Rationale: CHG: now use PETSc 3.4 for NR

Change #912 with diff file ISSM-15227-15228.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive120.nc M /issm/trunk-jpl/test/Archives/Archive204.nc
M /issm/trunk-jpl/test/Archives/Archive206.nc M /issm/trunk-jpl/test/Archives/Archive209.nc
M /issm/trunk-jpl/test/Archives/Archive237.nc M /issm/trunk-jpl/test/Archives/Archive503.nc
M /issm/trunk-jpl/test/Archives/Archive509.nc M /issm/trunk-jpl/test/Archives/Archive510.nc
M /issm/trunk-jpl/test/Archives/Archive612.nc

Export determination: 6.

Rationale: CHG: update some archives for PETSc 3.4

Change #913 with diff file ISSM-15228-15229.diff:

Function name:

M /issm/trunk-jpl/etc/environment.sh

Export determination: 6.

Rationale: FIX: added mpich in environment.sh

Change #914 with diff file ISSM-15229-15230.diff:

Function name:

M /issm/trunk-jpl/src/m/contrib/gslib/pkriging.m

Export determination: 6.

Rationale: CHG: improved parallel kriging

Change #915 with diff file ISSM-15230-15231.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.h
M /issm/trunk-jpl/src/c/classes/Node.cpp M /issm/trunk-jpl/src/c/classes/Node.h

Export determination: 6.

Rationale: CHG: added AllActive function to Tria, that checks that all nodes are active

Change #916 with diff file ISSM-15231-15232.diff:

Function name:

M /issm/trunk-jpl/etc/environment.sh

Export determination: 6.

Rationale: NEW: added proj.4 in path

Change #917 with diff file ISSM-15232-15233.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/hydrologydc.m

Export determination: 6.

Rationale: CHG:putting emacs compatible fold marks

Change #918 with diff file ISSM-15233-15234.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive204.nc M /issm/trunk-jpl/test/Archives/Archive209.nc

M /issm/trunk-jpl/test/Archives/Archive315.nc M /issm/trunk-jpl/test/Archives/Archive405.nc

M /issm/trunk-jpl/test/Archives/Archive407.nc M /issm/trunk-jpl/test/Archives/Archive419.nc

M /issm/trunk-jpl/test/Archives/Archive507.nc M /issm/trunk-jpl/test/Archives/Archive509.nc

M /issm/trunk-jpl/test/Archives/Archive612.nc

Export determination: 6.

Rationale: CHG: new archives for PETSc 3.4

Change #919 with diff file ISSM-15234-15235.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/solutionsequences/solutionsequen

Export determination: 6.

Rationale: BUG:fixing for one layer cases (do not update epl results in this case)

Change #920 with diff file ISSM-15235-15236.diff:

Function name:

M /issm/trunk-jpl/externalpackages/petsc/install-3.4-linux64.sh M /issm/trunk-

jpl/externalpackages/petsc/install-3.4-macosx64.sh

Export determination: 6.

Rationale: CHG: changed 3.4.0 to 3.4.1

Change #921 with diff file ISSM-15236-15237.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive415.nc M /issm/trunk-jpl/test/NightlyRun/test317.m

M /issm/trunk-jpl/test/NightlyRun/test317.py M /issm/trunk-jpl/test/NightlyRun/test415.m
M /issm/trunk-jpl/test/NightlyRun/test415.py
Export determination: 6.
Rationale: CHG: relaxed some tolerances

Change #922 with diff file ISSM-15237-15238.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/FemModel.cpp

Export determination: 6.

Rationale: CHG: minor

Change #923 with diff file ISSM-15238-15239.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/objects/Matrix.h M /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscMat.

Export determination: 6.

Rationale: CHG: AllocationInfo does not work for IssmMat

Change #924 with diff file ISSM-15239-15240.diff:

Function name:

M /issm/trunk-jpl/m4/issm_options.m4

Export determination: 6.

Rationale: NEW: Updated issm_options.m4 for Dakota 5.3.1 (and major.minor.patch versions in general).

Change #925 with diff file ISSM-15240-15241.diff:

Function name:

M /issm/trunk-jpl/m4/issm_options.m4

Export determination: 6.

Rationale: BUG: fixed dakota version issue with [0-9], need @:j@ and @:j:@

Change #926 with diff file ISSM-15241-15242.diff:

Function name:

M /issm/trunk-jpl/etc/environment.sh

Export determination: 6.
Rationale: CHG: add netcdf/bin for ncdump

Change #927 with diff file ISSM-15242-15243.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test405.m M /issm/trunk-jpl/test/NightlyRun/test405.py
Export determination: 6.
Rationale: CHG: relaxed tolerances

Change #928 with diff file ISSM-15243-15244.diff:
Function name:
M /issm/trunk-jpl/src/m/os/dakotaversion.m M /issm/trunk-jpl/src/m/os/dakotaversion.py
Export determination: 6.
Rationale: CHG: Updated dakotaversion() for change in variable name.

Change #929 with diff file ISSM-15244-15245.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: Changed DAKOTA_PATCH to DAKOTA_BUILD per Mathieu.

Change #930 with diff file ISSM-15245-15246.diff:
Function name:
M /issm/trunk-jpl/externalpackages/dakota/configs/5.3/ParallelLibrary.cpp.patch
M /issm/trunk-jpl/externalpackages/dakota/configs/5.3/ParallelLibrary.hpp.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/5.3.1 A /issm/trunk-jpl/externalpackages/dakota/configs/5.3.1 A /issm/trunk-jpl/externalpackages/dakota/configs/5.3.1/DakotaDev.cmake.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/5.3.1/NonDLocalReliability.cpp.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/5.3.1/NonDSampling.cpp.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/5.3.1/ParallelLibrary.cpp.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/5.3.1/ParallelLibrary.hpp.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/5.3.1/pecos_global_defs.hpp.patch
Export determination: 6.
Rationale: NEW: Dakota 5.3.1 install and patch files (along with a couple 5.3

changes).

Change #931 with diff file ISSM-15246-15247.diff:

Function name:

A /issm/trunk-jpl/externalpackages/dakota/install-5.3.1-linux64-astrid.sh

Export determination: 6.

Rationale: NEW: Dakota 5.3.1 install file.

Change #932 with diff file ISSM-15247-15248.diff:

Function name:

M /issm/trunk-jpl/externalpackages/dakota/configs/5.3.1/BuildDakotaCustom.cmake.patch

D /issm/trunk-jpl/externalpackages/dakota/install-5.3.1-linux64-astrid.sh A /issm/trunk-jpl/externalpackages/dakota/install-5.3.1-linux64-astrid.sh (from /issm/trunk-jpl/externalpackages/dakota/install-5.3.1-linux64-astrid.sh:15246)

Export determination: 6.

Rationale: CHG: do not hard code location of BLAS_LIBS and LAPACK_LIBS (change needed for larsen at least)

Change #933 with diff file ISSM-15248-15249.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt

M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/enum/EnumDefinitions

M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m A /issm/trunk-jpl/src/m/enum/NodeSidEnum.m

Export determination: 6.

Rationale: NEW: Adding NodeSidEnum

Change #934 with diff file ISSM-15249-15250.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Element.h M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp

M /issm/trunk-jpl/src/c/classes/Elements/Penta.h M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp

M /issm/trunk-jpl/src/c/classes/Elements/Tria.h M /issm/trunk-jpl/src/c/classes/FemModel.cpp

M /issm/trunk-jpl/src/c/classes/FemModel.h M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_hy

Export determination: 6.

Rationale: CHG: Changes in the way we deal with the EPL mask

Change #935 with diff file ISSM-15250-15251.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/FemModel.cpp

Export determination: 6.

Rationale: CHG: fixing node sid indexing (need to check analysis first)

Change #936 with diff file ISSM-15251-15252.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/FemModel.cpp

Export determination: 6.

Rationale: CHG: minor, need to reduce and broadcast counter

Change #937 with diff file ISSM-15252-15253.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp

Export determination: 6.

Rationale: CHG: moving mask transformation from UpdateFromSolution to GetMask

Change #938 with diff file ISSM-15253-15254.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/FemModel.cpp M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_

Export determination: 6.

Rationale: BUG: need to update constraints when updateDmainx is called

Change #939 with diff file ISSM-15254-15255.diff:

Function name:

M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_hydro_nonlinear.cpp

Export determination: 6.

Rationale: CHG: convergence needs to be initialized as false

Change #940 with diff file ISSM-15255-15256.diff:

Function name:

M /issm/trunk-jpl/externalpackages/cccl/issm/cccl

Export determination: 6.

Rationale: CHG: better cccl

Change #941 with diff file ISSM-15256-15257.diff:

Function name:

A /issm/trunk-jpl/externalpackages/windows/fortran_environment.sh M /issm/trunk-jpl/externalpackages/windows/windows_environment.sh

Export determination: 6.

Rationale: CHG: fortran environment shell variables

Change #942 with diff file ISSM-15257-15258.diff:

Function name:

M /issm/trunk-jpl/m4/issm_options.m4 M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am

Export determination: 6.

Rationale: CHG: Changes to our m4 macros and Makefile.am for Windows.

Change #943 with diff file ISSM-15258-15259.diff:

Function name:

M /issm/trunk-jpl/m4/issm_options.m4

Export determination: 6.

Rationale: CHG: corrected wrong echo

Change #944 with diff file ISSM-15259-15260.diff:

Function name:

M /issm/trunk-jpl/configs/config-win7-32.sh

Export determination: 6.

Rationale: CHG: Changed config variables to Unix style.

Change #945 with diff file ISSM-15260-15261.diff:

Function name:

M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: fixing issue with NR on linux

Change #946 with diff file ISSM-15261-15262.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: BUG: fixed typo

Change #947 with diff file ISSM-15262-15263.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: BUG: fix mex compilation on linux (was using cygwin settings)

Change #948 with diff file ISSM-15263-15264.diff:
Function name:
M /issm/trunk-jpl/externalpackages/cccl/issm/cccl
Export determination: 6.
Rationale: CHG: fixed issue with comkpiler

Change #949 with diff file ISSM-15264-15265.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4 M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am
Export determination: 6.
Rationale: CHG: Fixed an error with /export flag being passed to GNU compiler.

Change #950 with diff file ISSM-15265-15266.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4 M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am
Export determination: 6.

Rationale: CHG: Removed -no-undefined Libtool flag for non Windows builds.

Change #951 with diff file ISSM-15266-15267.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am

Export determination: 6.

Rationale: CHG: Removed -no-undfined from API and Matlab libraries.

Change #952 with diff file ISSM-15267-15268.diff:

Function name:

M /issm/trunk-jpl/externalpackages/cccl/issm/cccl

Export determination: 6.

Rationale: CHG: removed exit 0, very dangerous

Change #953 with diff file ISSM-15268-15269.diff:

Function name:

M /issm/trunk-jpl/externalpackages/cccl/issm/cccl

Export determination: 6.

Rationale: CHG: fixed cccl

Change #954 with diff file ISSM-15269-15270.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/matlab/io/ApiPrintf.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/CheckL

M /issm/trunk-jpl/src/wrappers/matlab/io/FetchMatlabData.cpp M /issm/trunk-

jpl/src/wrappers/matlab/io/MatlabMatrixToDoubleMatrix.cpp M /issm/trunk-

jpl/src/wrappers/matlab/io/MatlabMatrixToIssmMat.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/Matlab

M /issm/trunk-jpl/src/wrappers/matlab/io/MatlabNArrayToNArray.cpp M /issm/trunk-

jpl/src/wrappers/matlab/io/MatlabVectorToDoubleVector.cpp M /issm/trunk-

jpl/src/wrappers/matlab/io/MatlabVectorToIssmSeqVec.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/Mat

M /issm/trunk-jpl/src/wrappers/matlab/io/MatlabVectorToPetcVec.cpp M /issm/trunk-

jpl/src/wrappers/matlab/io/MatlabVectorToVector.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/OptionP

M /issm/trunk-jpl/src/wrappers/matlab/io/WriteMatlabData.cpp M /issm/trunk-

jpl/src/wrappers/matlab/io/matlabio.h

Export determination: 6.

Rationale: CHG: fixed some header files

Change #955 with diff file ISSM-15270-15271.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am

Export determination: 6.

Rationale: CHG: Changed the order of our libraries. Fixed compilation issue.

Change #956 with diff file ISSM-15271-15272.diff:

Function name:

M /issm/trunk-jpl/externalpackages/petsc/install-3.3-pleiades.sh A /issm/trunk-jpl/externalpackages/petsc/install-3.4-pleiades.sh

Export determination: 6.

Rationale: NEW: added PETSc 3.4 support for pleiades

Change #957 with diff file ISSM-15272-15273.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/petsc/patches/ISSMToPetscMatrixType.cpp

M /issm/trunk-jpl/src/c/toolkits/petsc/patches/petscpatches.h

Export determination: 6.

Rationale: CHG: no need to declare MatType as const (Warning on pleiades)

Change #958 with diff file ISSM-15273-15274.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/solutionsequences/solutionsequences

M /issm/trunk-jpl/src/m/classes/hydrologydc.m

Export determination: 6.

Rationale: CHG: Minor changes in the hydrological solver

Change #959 with diff file ISSM-15274-15275.diff:

Function name:

A /issm/trunk-jpl/configs/config-linux64-larsen-gia.sh

Export determination: 6.

Rationale: NEW: config for gia in larsen

Change #960 with diff file ISSM-15275-15276.diff:

Function name:

M /issm/trunk-jpl/src/m/contrib/paraview/writeVTKcell.m

Export determination: 6.

Rationale: CHG: Adding a directory to put the result in the vtk Output

Change #961 with diff file ISSM-15276-15277.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/solutionsequences/solutionsequen

Export determination: 6.

Rationale: CHG: So far the last working version of the hydrological Code (Still some differencies with ELmer/Ice results)

Change #962 with diff file ISSM-15277-15278.diff:

Function name:

M /issm/trunk-jpl/src/m/contrib/paraview/writeVTKcell.m

Export determination: 6.

Rationale: CHG: Minor clean-up

Change #963 with diff file ISSM-15278-15279.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Numerics/BrentSearch.cpp

Export determination: 6.

Rationale: FIX: minor BrentSearch display

Change #964 with diff file ISSM-15279-15280.diff:

Function name:

M /issm/trunk-jpl/scripts/issmconfiguration.sh

Export determination: 6.

Rationale: CHG: added clean option

Change #965 with diff file ISSM-15280-15281.diff:

Function name:

M /issm/trunk-jpl/m4/issm_options.m4

Export determination: 6.

Rationale: CHG: fixed issue with the 4.2+ pattern matching, which was missing

Change #966 with diff file ISSM-15281-15282.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/python/io/ApiPrintf.cpp

Export determination: 6.

Rationale: CHG: fixing complaining compiler

Change #967 with diff file ISSM-15282-15283.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/TriaRef.cpp M /issm/trunk-jpl/src/c/classes/Elements/TriaRef.h

M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt

M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/enum/EnumDefinitions

M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m A /issm/trunk-jpl/src/m/enum/P2Enum.m

Export determination: 6.

Rationale: CHG: preparing for P2 interpolation

Change #968 with diff file ISSM-15283-15284.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/FemModel.cpp

Export determination: 6.

Rationale: CHG: fixing memory Leak and minor code modifications

Change #969 with diff file ISSM-15284-15285.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/qmu/@dakota_method/dmeth_params_write.m

Export determination: 6.

Rationale: CHG: Handle Dakota major.minor.patch version numbers.

Change #970 with diff file ISSM-15285-15286.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test234.m

Export determination: 6.

Rationale: CHG: Handle Dakota major.minor.patch version numbers.

Change #971 with diff file ISSM-15286-15287.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp

Export determination: 6.

Rationale: BUG: geting read of unnecessary delete

Change #972 with diff file ISSM-15287-15288.diff:

Function name:

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ISSM.java

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ISSMAPP.java

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ImageList.java

A /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ImageListFromUrl.java

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/ImageResizer.java

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/IssmJni.java

M /issm/trunk-jpl/src/mobile/android/ISSM_APP/src/gov/nasa/jpl/issm/MyGLSurfaceView.java

Export determination: 6.

Rationale: final modification for android project, freezing project and start
ISSM web-base application

Change #973 with diff file ISSM-15288-15289.diff:

Function name:

M /issm/trunk-jpl/configs/config-win7-32.sh M /issm/trunk-jpl/m4/issm_options.m4

M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am

Export determination: 6.

Rationale: CHG: Changes for Windows build using Libtool.

Change #974 with diff file ISSM-15289-15290.diff:

Function name:

M /issm/trunk-jpl/configs/config-win7-64.sh

Export determination: 6.
Rationale: CHG; new libtools compatible config file

Change #975 with diff file ISSM-15290-15291.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: Matlab related macro change for Windows build.

Change #976 with diff file ISSM-15291-15292.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: Matlab related macro change for Windows build.

Change #977 with diff file ISSM-15292-15293.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: Matlab related macro change for Windows build.

Change #978 with diff file ISSM-15293-15294.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Materials/Matrice.cpp
Export determination: 6.
Rationale: CHG: add option for sampling penta rheologyB

Change #979 with diff file ISSM-15294-15295.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: Fixed BLAS lib directory issue.

Change #980 with diff file ISSM-15295-15296.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am

Export determination: 6.

Rationale: BUG: fixing NR for now

Change #981 with diff file ISSM-15296-15297.diff:

Function name:

A /issm/trunk-jpl/externalpackages/autotools/install-win.sh A /issm/trunk-jpl/externalpackages/autotools/pa

A /issm/trunk-jpl/externalpackages/autotools/patches/libtool.m4.patch

Export determination: 6.

Rationale: ADD: Added an install script and patch for Windows build.

Change #982 with diff file ISSM-15297-15298.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am

Export determination: 6.

Rationale: CHG: reverted back for windows build

Change #983 with diff file ISSM-15298-15299.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/Elements/PentaRef.cpp

M /issm/trunk-jpl/src/c/classes/Elements/PentaRef.h M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp

M /issm/trunk-jpl/src/c/classes/Elements/Tria.h M /issm/trunk-jpl/src/c/classes/Elements/TriaRef.cpp

M /issm/trunk-jpl/src/c/classes/Elements/TriaRef.h M /issm/trunk-jpl/src/c/classes/Inputs/ControlInput.cp

M /issm/trunk-jpl/src/c/classes/Inputs/PentaP1Input.cpp A /issm/trunk-jpl/src/c/classes/Inputs/TriaInput.

A /issm/trunk-jpl/src/c/classes/Inputs/TriaInput.h D /issm/trunk-jpl/src/c/classes/Inputs/TriaP1Input.cpp

D /issm/trunk-jpl/src/c/classes/Inputs/TriaP1Input.h M /issm/trunk-jpl/src/c/classes/Loads/Icefront.cpp

M /issm/trunk-jpl/src/c/classes/Materials/Matdamageice.cpp M /issm/trunk-

jpl/src/c/classes/Materials/Matrice.cpp M /issm/trunk-jpl/src/c/classes/classes.h

M /issm/trunk-jpl/src/c/classes/gauss/GaussTria.cpp M /issm/trunk-jpl/src/c/classes/gauss/GaussTria.h

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHoriz/CreateNodesDiagnosticHoriz.cpp

M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt

M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/enum/EnumDefinitions

A /issm/trunk-jpl/src/m/enum/TriaInputEnum.m

Export determination: 6.

Rationale: CHG: preparing quadratic elements for MacAyeal (Still some work to do...). Removed TriaP1Input and renamed TriaInput, which can have mul-

tiple interpolations

Change #984 with diff file ISSM-15299-15300.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/TriaRef.cpp

Export determination: 6.

Rationale: CHG: fixed some memory leaks

Change #985 with diff file ISSM-15300-15301.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/Inputs/ControlInput.cpp

M /issm/trunk-jpl/src/c/classes/Inputs/PentaP1Input.cpp M /issm/trunk-jpl/src/c/classes/Inputs/TriaInput.

M /issm/trunk-jpl/src/c/classes/Materials/Matdamageice.cpp M /issm/trunk-jpl/src/c/classes/Materials/Matrice.cpp

Export determination: 6.

Rationale: CHG: force user to specify interpolation for TriaInput

Change #986 with diff file ISSM-15301-15302.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp

Export determination: 6.

Rationale: BUG: fixed jacobian matrix with new format

Change #987 with diff file ISSM-15302-15303.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp

Export determination: 6.

Rationale: CHG: missing interpolation

Change #988 with diff file ISSM-15303-15304.diff:

Function name:

M /issm/trunk-jpl/externalpackages/vim/addons/vim/syntax/Synchronize.sh M /issm/trunk-jpl/externalpackages/vim/addons/vim/syntax/c.vim

Export determination: 6.
Rationale: CHG: updating syntax highlighting

Change #989 with diff file ISSM-15304-15305.diff:
Function name:
M /issm/trunk-jpl/configs/config-linux64-larsen.sh
Export determination: 6.
Rationale: CHG: added boost for dakota

Change #990 with diff file ISSM-15305-15306.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Elements/Element.h M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp
M /issm/trunk-jpl/src/c/classes/Elements/Penta.h M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp
M /issm/trunk-jpl/src/c/classes/Elements/Tria.h
Export determination: 6.
Rationale: DEL: removed dead code

Change #991 with diff file ISSM-15306-15307.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Cr
M /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscMat.cpp
Export determination: 6.
Rationale: FIX: matrix allocation for 2d/3d couplings. nodes at the base are connected with nodes of other layers

Change #992 with diff file ISSM-15307-15308.diff:
Function name:
M /issm/trunk-jpl/configs/config-win7-32.sh M /issm/trunk-jpl/configs/config-win7-64.sh M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: Changed MPI options to separate libraries from libpath.

Change #993 with diff file ISSM-15308-15309.diff:

Function name:

M /issm/trunk-jpl/configs/config-altix64-castor.sh M /issm/trunk-jpl/configs/config-arm-linux-matlab.sh M /issm/trunk-jpl/configs/config-cosmos.sh M /issm/trunk-jpl/configs/config-discover.sh M /issm/trunk-jpl/configs/config-greenplanet.sh M /issm/trunk-jpl/configs/config-hoffman2.sh M /issm/trunk-jpl/configs/config-linux64-astrid-gia.sh M /issm/trunk-jpl/configs/config-linux64-astrid-mpich1.0.sh M /issm/trunk-jpl/configs/config-linux64-astrid-petsc.sh M /issm/trunk-jpl/configs/config-linux64-astrid-petsc3.3.sh M /issm/trunk-jpl/configs/config-linux64-astrid-petscdev.sh M /issm/trunk-jpl/configs/config-linux64-astrid.sh M /issm/trunk-jpl/configs/config-linux64-cloud.sh M /issm/trunk-jpl/configs/config-linux64-larsen-gia.sh M /issm/trunk-jpl/configs/config-linux64-larsen-petsc3.2.sh M /issm/trunk-jpl/configs/config-linux64-larsen.sh M /issm/trunk-jpl/configs/config-linux64-murdo-nopetsc.sh M /issm/trunk-jpl/configs/config-linux64-murdo.sh M /issm/trunk-jpl/configs/config-linux64-ubuntu64.sh M /issm/trunk-jpl/configs/config-macosx-snowleopard-bothapis.sh M /issm/trunk-jpl/configs/config-macosx-snowleopard-python.sh M /issm/trunk-jpl/configs/config-macosx32-mathieu.sh M /issm/trunk-jpl/configs/config-macosx32-ogive.sh M /issm/trunk-jpl/configs/config-macosx64-basile.sh M /issm/trunk-jpl/configs/config-macosx64-chris-bothapis.sh M /issm/trunk-jpl/configs/config-macosx64-chris-python.sh M /issm/trunk-jpl/configs/config-macosx64-chris.sh M /issm/trunk-jpl/configs/config-macosx64-larour-gia.sh M /issm/trunk-jpl/configs/config-macosx64-larour.sh M /issm/trunk-jpl/configs/config-macosx64-lion-helene.sh M /issm/trunk-jpl/configs/config-macosx64-mathieu.sh M /issm/trunk-jpl/configs/config-macosx64-mlion-mathieu.sh M /issm/trunk-jpl/configs/config-macosx64-nicole.sh M /issm/trunk-jpl/configs/config-macosx64-ogive.sh M /issm/trunk-jpl/configs/config-macosx64-simple.sh M /issm/trunk-jpl/configs/config-macosx64-sophie.sh M /issm/trunk-jpl/configs/config-macosx64.sh M /issm/trunk-jpl/configs/config-pleiades-petsc2.sh M /issm/trunk-jpl/configs/config-pleiades-petsc3.2.sh M /issm/trunk-jpl/configs/config-pleiades-petsc3.3.sh M /issm/trunk-jpl/configs/config-pleiades-petscdev.sh M /issm/trunk-jpl/configs/config-walgreen.sh M /issm/trunk-jpl/configs/config-win7-32.sh M /issm/trunk-jpl/configs/config-win7-64-parallel.sh M /issm/trunk-jpl/configs/config-win7-64.sh M /issm/trunk-jpl/externalpackages/matlab/install.sh M /issm/trunk-jpl/m4/issm-options.m4

Export determination: 6.

Rationale: CHG: moved `-with-mpi-lib` to `-with-mpi-libflags` to fix NR

Change #994 with diff file ISSM-15309-15310.diff:

Function name:

D /issm/trunk-jpl/externalpackages/mpich2

Export determination: 6.

Rationale: DEL: moved mpich2 to mpich (mpich2 changed its name after the release of mpich 3.0.4)

Change #995 with diff file ISSM-15310-15311.diff:

Function name:

M /issm/trunk-jpl/externalpackages/export_fig/license.txt M /issm/trunk-jpl/externalpackages/export_fig/pri

M /issm/trunk-jpl/externalpackages/export_fig/user_string.m

Export determination: 6.

Rationale: CHG: updating export_fig to latest version

Change #996 with diff file ISSM-15311-15312.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive419.nc

Export determination: 6.

Rationale: CHG: updating tiling archive

Change #997 with diff file ISSM-15312-15313.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/TriaRef.cpp

Export determination: 6.

Rationale: CHG: changed BMacAyeal and BprimeMacAyeal for quadratic elements

Change #998 with diff file ISSM-15313-15314.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/Elements/PentaRef.cpp

M /issm/trunk-jpl/src/c/classes/Elements/PentaRef.h M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp

M /issm/trunk-jpl/src/c/classes/Elements/TriaRef.cpp M /issm/trunk-jpl/src/c/classes/Elements/TriaRef.h

Export determination: 6.

Rationale: CHG: renamed GetL GetBMacyealFriction and GetBPattynFriction for consistency

Change #999 with diff file ISSM-15314-15315.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/TriaRef.cpp

Export determination: 6.

Rationale: CHG: cosmetics

Change #1000 with diff file ISSM-15315-15316.diff:

Function name:

M /issm/trunk-jpl/src/m/os/issmscpout.m

Export determination: 6.

Rationale: CHG: on localhost, we are creating symlinks. In some scenarios, we need hard copies. Made that possible with an extra option.

Change #1001 with diff file ISSM-15316-15317.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/model/model.m M /issm/trunk-jpl/src/m/classes/settings.m

Export determination: 6.

Rationale: CHG: new upload and download capability. Handy when trying to save a model on server remotely. This also allows to keep a link between the uploaded model and the current model, which is only an empty shell to the uploaded model. When you need the full model, you download it.

Change #1002 with diff file ISSM-15317-15318.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/IndependentObject.cpp M /issm/trunk-jpl/src/c/classes/IndependentObject.h

Export determination: 6.

Rationale: CHG: some modifications to the IndependentObject so as to allow an arbitrary number of independent variable types. The goal is to start introducing forcings.

Change #1003 with diff file ISSM-15318-15319.diff:

Function name:

M /issm/trunk-jpl/configs/config-arm-linux-matlab.sh M /issm/trunk-jpl/configs/config-linux64-astrid-gia.sh M /issm/trunk-jpl/configs/config-linux64-astrid-mpich1.0.sh M /issm/trunk-jpl/configs/config-linux64-astrid-petsc2.sh M /issm/trunk-jpl/configs/config-linux64-astrid-petsc3.3.sh M /issm/trunk-jpl/configs/config-linux64-astrid-petscdev.sh M /issm/trunk-jpl/configs/config-linux64-astrid.sh M /issm/trunk-jpl/configs/config-linux64-cloud.sh M /issm/trunk-jpl/configs/config-linux64-larsen-petsc3.2.sh M /issm/trunk-jpl/configs/config-linux64-murdo-nopetsc.sh M /issm/trunk-jpl/configs/config-linux64-murdo.sh M /issm/trunk-jpl/configs/config-linux64-ubuntu64.sh M /issm/trunk-jpl/configs/config-macosx-snowleopard-bothapis.sh M /issm/trunk-jpl/configs/config-macosx-snowleopard-python.sh M /issm/trunk-jpl/configs/config-macosx32-mathieu.sh M /issm/trunk-jpl/configs/config-macosx32-ogive.sh M /issm/trunk-jpl/configs/config-macosx64-basile.sh M /issm/trunk-jpl/configs/config-macosx64-chris-bothapis.sh

M /issm/trunk-jpl/configs/config-macosx64-chris-python.sh M /issm/trunk-jpl/configs/config-macosx64-chris.sh M /issm/trunk-jpl/configs/config-macosx64-larour-gia.sh M /issm/trunk-jpl/configs/config-macosx64-larour.sh M /issm/trunk-jpl/configs/config-macosx64-lion-helene.sh M /issm/trunk-jpl/configs/config-macosx64-mathieu.sh M /issm/trunk-jpl/configs/config-macosx64-mlion-mathieu.sh M /issm/trunk-jpl/configs/config-macosx64-nicole.sh M /issm/trunk-jpl/configs/config-macosx64-ogive.sh M /issm/trunk-jpl/configs/config-macosx64-simple.sh M /issm/trunk-jpl/configs/config-macosx64-sophie.sh M /issm/trunk-jpl/configs/config-macosx64.sh M /issm/trunk-jpl/configs/config-walgreen.sh
 Export determination: 6.
 Rationale: CHG: mpich2 is now in externalpackages/mpich

Change #1004 with diff file ISSM-15319-15320.diff:

Function name:

M /issm/trunk-jpl/externalpackages/petsc/install-2.3.2-linux64-astrid.sh M /issm/trunk-jpl/externalpackages/petsc/install-2.3.2-macosx32-eric.sh M /issm/trunk-jpl/externalpackages/petsc/install-2.3.2-macosx32-ogive.sh M /issm/trunk-jpl/externalpackages/petsc/install-2.3.2-macosx64.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.1-linux64-astrid.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.1-macosx32-mathieu.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.1-macosx32-ogive.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.1-ubuntu64.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.1-win7.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.2-linux64.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.2-macosx64.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.2-ubuntu64.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.3-linux64.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.3-macosx64.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.3-walgreen.sh M /issm/trunk-jpl/externalpackages/petsc/install-dev-linux64.sh

Export determination: 6.

Rationale: CHG: mpich2 is now in externalpackages/mpich

Change #1005 with diff file ISSM-15320-15321.diff:

Function name:

M /issm/trunk-jpl/externalpackages/mpich/install-2.1.4-linux64.sh M /issm/trunk-jpl/externalpackages/mpich/install-2.1.4-macosx32.sh M /issm/trunk-jpl/externalpackages/mpich/install-2.1.4-macosx64.sh M /issm/trunk-jpl/externalpackages/mpich/install-2.1.5-linux64.sh M /issm/trunk-jpl/externalpackages/mpich/install-2.1.5-macosx64.sh M /issm/trunk-jpl/externalpackages/mpich/install-2.1.5-walgreen.sh

Export determination: 6.

Rationale: CHG: prefix is now mpich

Change #1006 with diff file ISSM-15321-15322.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/IndependentObject.cpp M /issm/trunk-jpl/src/c/classes/IndependentObject.

M /issm/trunk-jpl/src/c/classes/IoModel.cpp

Export determination: 6.

Rationale: CHG: getting rid of numberofvertices.

Change #1007 with diff file ISSM-15322-15323.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/IndependentObject.cpp

Export determination: 6.

Rationale: CHG: copy object, modify

Change #1008 with diff file ISSM-15323-15324.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/TriaRef.cpp

Export determination: 6.

Rationale: CHG: extended dynamic GetB for other solutions + cosmetics

Change #1009 with diff file ISSM-15324-15325.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/TriaRef.cpp M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinition

M /issm/trunk-jpl/src/c/shared/Enum/EnumToStringx.cpp M /issm/trunk-jpl/src/c/shared/Enum/StringTo

M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/MINIEnum.m

M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m D /issm/trunk-jpl/src/m/enum/TriaP1InputEnum.m

Export determination: 6.

Rationale: NEW: added one more enum

Change #1010 with diff file ISSM-15325-15326.diff:

Function name:

M /issm/trunk-jpl/externalpackages/vim/addons/vim/syntax/c.vim

Export determination: 6.
Rationale: CHG: sync'ing syntax highlighting

Change #1011 with diff file ISSM-15326-15327.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/PentaRef.cpp M /issm/trunk-jpl/src/c/classes/Elements/PentaRef.h

M /issm/trunk-jpl/src/c/classes/Elements/TriaRef.cpp M /issm/trunk-jpl/src/c/classes/Elements/TriaRef.h

Export determination: 6.

Rationale: CHG: cosmetics'

Change #1012 with diff file ISSM-15327-15328.diff:

Function name:

M /issm/trunk-jpl/configs/config-macosx64-basile.sh

Export determination: 6.

Rationale: CHG: Basile's new configs

Change #1013 with diff file ISSM-15328-15329.diff:

Function name:

M /issm/trunk-jpl/etc/environment.sh

Export determination: 6.

Rationale: CHG: use ISSM's cmake by default if installed

Change #1014 with diff file ISSM-15329-15330.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/ContourToNodes/ContourToNodes.cpp

Export determination: 6.

Rationale: BUG: fixed crash

Change #1015 with diff file ISSM-15330-15331.diff:

Function name:

M /issm/trunk-jpl/configs/config-macosx64-lion-helene.sh

Export determination: 6.

Rationale: FIX: minor mac config

Change #1016 with diff file ISSM-15331-15332.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/pairoptions.m M /issm/trunk-jpl/src/m/classes/pairoptions.py

M /issm/trunk-jpl/src/m/classes/plotoptions.m M /issm/trunk-jpl/src/m/classes/plotoptions.py

Export determination: 6.

Rationale: CHG: matlab like error message

Change #1017 with diff file ISSM-15332-15333.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive234.nc M /issm/trunk-jpl/test/Archives/Archive412.nc

M /issm/trunk-jpl/test/Archives/Archive413.nc

Export determination: 6.

Rationale: CHG: updated dakota archives for dakota 5.3.1

Change #1018 with diff file ISSM-15333-15334.diff:

Function name:

M /issm/trunk-jpl/src/m/exp/exptool.m

Export determination: 6.

Rationale: FIX: minor, name of exptool

Change #1019 with diff file ISSM-15334-15335.diff:

Function name:

M /issm/trunk-jpl/configs/config-win7-32.sh M /issm/trunk-jpl/m4/issm_options.m4

Export determination: 6.

Rationale: CHG: Fixed a few variable name issues for Windows build and slight modification to Win7-32 config script.

Change #1020 with diff file ISSM-15335-15336.diff:

Function name:

M /issm/trunk-jpl/src/c/datastructures/Object.h M /issm/trunk-jpl/src/c/modules/ContourToMeshx/ContourToMeshx.h

M /issm/trunk-jpl/src/c/modules/ContourToMeshx/ContourToMeshx.h M /issm/trunk-jpl/src/c/modules/ContourToMeshx/ContourToMeshxt.cpp

M /issm/trunk-jpl/src/c/modules/ContourToMeshx/ContourToMeshxt.cpp M /issm/trunk-jpl/src/c/modules/ContourToMeshx/ContourToMeshxt.h

M /issm/trunk-jpl/src/c/modules/ContourToNodesx/ContourToNodesx.h M /issm/trunk-jpl/src/c/modules/EdgeDetectionx/EdgeDetectionx.cpp M /issm/trunk-jpl/src/c/modules/EdgeDetectionx/E
M /issm/trunk-jpl/src/c/modules/TriMeshx/TriMeshx.cpp M /issm/trunk-jpl/src/c/modules/TriMeshx/TriM
M /issm/trunk-jpl/src/wrappers/ContourToMesh/ContourToMesh.cpp M /issm/trunk-jpl/src/wrappers/ContourToNodes/ContourToNodes.cpp M /issm/trunk-jpl/src/wrappers/EdgeDetection/Ed
M /issm/trunk-jpl/src/wrappers/ExpSimplify/ExpSimplify.cpp M /issm/trunk-jpl/src/wrappers/InterpFromMesh2d/InterpFromMesh2d.cpp M /issm/trunk-jpl/src/wrappers/MeshProfileIntersection/MeshProfileIntersection.cpp M /issm/trunk-jpl/src/wrappers/TriMesh/TriMesh.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/FetchMatlabData.cpp
M /issm/trunk-jpl/src/wrappers/matlab/io/WriteMatlabData.cpp M /issm/trunk-jpl/src/wrappers/matlab/io/matlabio.h M /issm/trunk-jpl/src/wrappers/python/io/FetchPythonData.cpp
M /issm/trunk-jpl/src/wrappers/python/io/pythonio.h
Export determination: 6.
Rationale: BUG: use Contour constructor instead of xNew otherwise delete contours will crash

Change #1021 with diff file ISSM-15336-15337.diff:
Function name:
M /issm/trunk-jpl/externalpackages/matlab/install.sh
Export determination: 6.
Rationale: CHG: reverting

Change #1022 with diff file ISSM-15337-15338.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: new mkl library on pleiades required other flags

Change #1023 with diff file ISSM-15338-15339.diff:
Function name:
M /issm/trunk-jpl/configs/config-pleiades-petsc3.3.sh A /issm/trunk-jpl/configs/config-pleiades-petsc3.4.sh
Export determination: 6.
Rationale: NEW: added configuration script for petsc 3.4 on pleiades

Change #1024 with diff file ISSM-15339-15340.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/AdjointCorePointerFromSolutionEnum.cpp M /issm/trunk-jpl/src/c/analyses/AnalysisConfiguration.cpp M /issm/trunk-jpl/src/c/analyses/CorePointerFromSolutionEnum.cpp M /issm/trunk-jpl/src/c/analyses/objectivefunction.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.h M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToStringx.cpp M /issm/trunk-jpl/src/c/shared/Enum/StringToEnum.cpp M /issm/trunk-jpl/src/m/classes/inversion.m M /issm/trunk-jpl/src/m/classes/taoinversion.m M /issm/trunk-jpl/src/m/consistency/ismodelselfconsistent.m A /issm/trunk-jpl/src/m/enum/BalancethicknessSoftAnalysisEnum.m A /issm/trunk-jpl/src/m/enum/BalancethicknessSoftAnalysisEnum.h M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py D /issm/trunk-jpl/src/m/enum/WeakBalancethicknessAnalysisEnum.m D /issm/trunk-jpl/src/m/enum/WeakBalancethicknessSolutionEnum.m M /issm/trunk-jpl/src/m/solve/process.solve.options.m

Export determination: 6.

Rationale: CHG: renamed WeakBalancethickness -> BalancethicknessSoft as this is a soft constraint

Change #1025 with diff file ISSM-15340-15341.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/prognostic_core.cpp

Export determination: 6.

Rationale: CHG: use function and not constant

Change #1026 with diff file ISSM-15341-15342.diff:

Function name:

D /issm/trunk-jpl/configs/config-linux64-astrid-ad.sh D /issm/trunk-jpl/configs/config-linux64-astrid-gia.sh D /issm/trunk-jpl/configs/config-linux64-astrid-mpich1.0.sh D /issm/trunk-jpl/configs/config-linux64-astrid-petsc2.sh D /issm/trunk-jpl/configs/config-linux64-astrid-petsc3.3.sh D /issm/trunk-jpl/configs/config-linux64-astrid-petscdev.sh D /issm/trunk-jpl/configs/config-linux64-astrid.sh

Export determination: 6.

Rationale: DEL: removing all astrid configuration scripts

Change #1027 with diff file ISSM-15342-15343.diff:

Function name:

D /issm/trunk-jpl/configs/config-macosx32-mathieu.sh D /issm/trunk-jpl/configs/config-macosx64-mathieu.sh D /issm/trunk-jpl/configs/config-macosx64-mlion-mathieu.sh

Export determination: 6.

Rationale: DEL: removed personal configuration scripts

Change #1028 with diff file ISSM-15343-15344.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/initialization.m

Export determination: 6.

Rationale: CHG: do not check vx and vy if solution =Balancethickness

Change #1029 with diff file ISSM-15344-15345.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/pairoptions.m

Export determination: 6.

Rationale: CHG: no need for md in marshall

Change #1030 with diff file ISSM-15345-15346.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/Krigingx/pKrigingx.cpp

Export determination: 6.

Rationale: CHG: used print0 for kriging ellapsed time in //

Change #1031 with diff file ISSM-15346-15347.diff:

Function name:

D /issm/trunk-jpl/configs/config-macosx64-larour-gia.sh D /issm/trunk-jpl/configs/config-macosx64-larour.sh

Export determination: 6.

Rationale: CHG: moved personal config files to JPL_SVN

Change #1032 with diff file ISSM-15347-15348.diff:

Function name:

D /issm/trunk-jpl/configs/config-macosx64-basile.sh

Export determination: 6.

Rationale: CHG: removed Basile's config

Change #1033 with diff file ISSM-15348-15349.diff:

Function name:

D /issm/trunk-jpl/configs/config-macosx64-lion-helene.sh

Export determination: 6.

Rationale: removed config file

Change #1034 with diff file ISSM-15349-15350.diff:

Function name:

D /issm/trunk-jpl/configs/config-altix64-castor.sh D /issm/trunk-jpl/configs/config-cosmos.sh D /issm/trunk-jpl/configs/config-macosx-snowleopard-bothapis.sh D /issm/trunk-jpl/configs/config-macosx-snowleopard-python.sh D /issm/trunk-jpl/configs/config-macosx32-ogive.sh D /issm/trunk-jpl/configs/config-macosx64-gsl.sh D /issm/trunk-jpl/configs/config-macosx64-simple.sh D /issm/trunk-jpl/configs/config-macosx64-sophie.sh D /issm/trunk-jpl/configs/config-pleiades-petsc2.sh D /issm/trunk-jpl/configs/config-pleiades-petsc3.2.sh D /issm/trunk-jpl/configs/config-pleiades-petsc3.3.sh

Export determination: 6.

Rationale: CHG: moved some comfig files to issmjpl/trash/Misc/

Change #1035 with diff file ISSM-15350-15351.diff:

Function name:

D /issm/trunk-jpl/configs/config-win32-eric.sh

Export determination: 6.

Rationale: DEL: moved to user defined directory

Change #1036 with diff file ISSM-15351-15352.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/gauss/GaussTria.cpp

Export determination: 6.

Rationale: CHG: Changing Gauss Tria for Ice Front

Change #1037 with diff file ISSM-15352-15353.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/FemModel.cpp

M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_hydro_nonlinear.cpp

Export determination: 6.
Rationale: CHG:Minor modification in Hydro Solver naming

Change #1038 with diff file ISSM-15353-15354.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.h
Export determination: 6.
Rationale: CHG: Added a GetSolutionFromInputOneDof in place of the three existing Hydrological GetSolutionfromInputs

Change #1039 with diff file ISSM-15354-15355.diff:
Function name:
A /issm/trunk-jpl/externalpackages/dyson/jplusers.db
Export determination: 6.
Rationale: CHG: update to IT security

Change #1040 with diff file ISSM-15355-15356.diff:
Function name:
M /issm/trunk-jpl/externalpackages/mpich
Export determination: 6.
Rationale: CHG: new mpich directory

Change #1041 with diff file ISSM-15356-15357.diff:
Function name:
M /issm/trunk-jpl/scripts/issmconfiguration.sh
Export determination: 6.
Rationale: CHG: more debug info

Change #1042 with diff file ISSM-15357-15358.diff:
Function name:
M /issm/trunk-jpl
Export determination: 6.
Rationale: CHG: get svn to ignore some files

Change #1043 with diff file ISSM-15358-15359.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/issm/IssmAbsVec.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMat.h

M /issm/trunk-jpl/src/c/toolkits/issm/IssmSeqVec.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmVec.h

Export determination: 6.

Rationale: CHG: fixed memory leaks in the IssmAbsVec and IssmAbsMat virtual destructors.

Change #1044 with diff file ISSM-15359-15360.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test3020.m

Export determination: 6.

Rationale: CHG: relaxing tolerance

Change #1045 with diff file ISSM-15360-15361.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test3019.m M /issm/trunk-jpl/test/NightlyRun/test3020.m

Export determination: 6.

Rationale: CHG: relaxing tolerances

Change #1046 with diff file ISSM-15361-15362.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive3020.nc

Export determination: 6.

Rationale: CHG: new archive, relaxed tolerance

Change #1047 with diff file ISSM-15362-15363.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test3019.m

Export determination: 6.

Rationale: CHG: modified tolerance

Change #1048 with diff file ISSM-15363-15364.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test3020.m

Export determination: 6.

Rationale: CHG: relaxing tolerance

Change #1049 with diff file ISSM-15364-15365.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test3020.m

Export determination: 6.

Rationale: CHG: unhooked verbose flags

Change #1050 with diff file ISSM-15365-15366.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiVec.h

Export determination: 6.

Rationale: BUG: delete should reset m and not n

Change #1051 with diff file ISSM-15366-15367.diff:

Function name:

D /issm/trunk-jpl/externalpackages/dakota/install-4.2-linux64-astrid.sh D /issm/trunk-jpl/externalpackages/dakota/install-5.2-linux64-astrid.sh D /issm/trunk-jpl/externalpackages/dakota/install-5.3-linux64-astrid.sh

Export determination: 6.

Rationale: CHG: removing old astrid installation scripts

Change #1052 with diff file ISSM-15367-15368.diff:

Function name:

D /issm/trunk-jpl/externalpackages/petsc/install-2.3.2-altix64-castor.sh D /issm/trunk-jpl/externalpackages/petsc/install-2.3.2-cosmos.sh D /issm/trunk-jpl/externalpackages/petsc/install-2.3.2-linux64-astrid.sh D /issm/trunk-jpl/externalpackages/petsc/install-2.3.2-macosx32-eric.sh D /issm/trunk-jpl/externalpackages/petsc/install-2.3.2-macosx32-ogive.sh D /issm/trunk-jpl/externalpackages/petsc/install-2.3.2-macosx64.sh D /issm/trunk-jpl/externalpackages/petsc/install-2.3.2-pleiades.sh D /issm/trunk-jpl/externalpackages/petsc/install-2.3.2-win32-eric.sh D /issm/trunk-jpl/externalpackages/petsc/install-

2.3.2-win7.sh D /issm/trunk-jpl/externalpackages/petsc/install-3.1-linux64-astrid.sh
M /issm/trunk-jpl/externalpackages/petsc/install-3.2-linux64.sh M /issm/trunk-jpl/externalpackages/petsc/install-dev-linux64.sh
Export determination: 6.
Rationale: DEL: removing old installation scripts and astrid's installation scripts

Change #1053 with diff file ISSM-15368-15369.diff:
Function name:
D /issm/trunk-jpl/externalpackages/gdal/install-1.6-linux64-astrid.sh
Export determination: 6.
Rationale: DEL: removing astrid's installation scripts

Change #1054 with diff file ISSM-15369-15370.diff:
Function name:
D /issm/trunk-jpl/externalpackages/gdal/configs/GDALmake.opt.patch.astrid
Export determination: 6.
Rationale: DEL: removing astrid's installation scripts

Change #1055 with diff file ISSM-15370-15371.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/independent.m
Export determination: 6.
Rationale: CHG: extra type matrix in independent variables

Change #1056 with diff file ISSM-15371-15372.diff:
Function name:
D /issm/trunk-jpl/configs/config-arm-linux-matlab.sh
Export determination: 6.
Rationale: DEL: moved to usr/larour/configs

Change #1057 with diff file ISSM-15372-15373.diff:
Function name:
M /issm/trunk-jpl/src/c/Makefile.am A /issm/trunk-jpl/src/c/classes/Elements/ElementHook.cpp

(from /issm/trunk-jpl/src/c/classes/Elements/PentaHook.cpp:15364) A /issm/trunk-jpl/src/c/classes/Elements/ElementHook.h (from /issm/trunk-jpl/src/c/classes/Elements/PentaHook.h:15364) M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/Elements/Penta.h D /issm/trunk-jpl/src/c/classes/Elements/PentaHook.cpp D /issm/trunk-jpl/src/c/classes/Elements/PentaHook.h M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.h D /issm/trunk-jpl/src/c/classes/Elements/TriaHook.cpp D /issm/trunk-jpl/src/c/classes/Elements/TriaHook.h M /issm/trunk-jpl/src/c/classes/Loads/Numericalflux.cpp M /issm/trunk-jpl/src/c/classes/Loads/Numericalflux.h M /issm/trunk-jpl/src/c/classes/classes.h
 Export determination: 6.
 Rationale: NEW:merged PentaHook and TriaHook into ElementHook

Change #1058 with diff file ISSM-15373-15374.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Loads/Numericalflux.cpp M /issm/trunk-jpl/src/c/classes/Loads/Numericalflux.h

Export determination: 6.

Rationale: reverting back

Change #1059 with diff file ISSM-15374-15375.diff:

Function name:

D /issm/trunk-jpl/configs/config-macosx64-chris-bothapis.sh D /issm/trunk-jpl/configs/config-macosx64-chris-python.sh D /issm/trunk-jpl/configs/config-macosx64-chris.sh

Export determination: 6.

Rationale: CHG: removing my config scripts from trunk-jpl

Change #1060 with diff file ISSM-15375-15376.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/thermal_core.cpp M /issm/trunk-jpl/src/c/analyses/transient_core.cpp
 M /issm/trunk-jpl/src/c/classes/Elements/Elements.cpp M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp
 M /issm/trunk-jpl/src/c/classes/Materials/Materials.cpp M /issm/trunk-jpl/src/c/classes/Materials/Materials.h
 M /issm/trunk-jpl/src/c/classes/Materials/Matrice.cpp M /issm/trunk-jpl/src/c/classes/Materials/Matpar.cpp
 M /issm/trunk-jpl/src/c/classes/Materials/Matpar.h M /issm/trunk-jpl/src/c/classes/Vertex.cpp
 M /issm/trunk-jpl/src/c/modules/InputDuplicatex/InputDuplicatex.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateElementsVerticesAndMaterials.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Prognostic/UpdateElementsPrognostic.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Thermal/UpdateElementsThermal.cpp
 M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToStEnum.cpp
 M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp

Export determination: 6.

Rationale: CHG: save z and thermal params so dakota will work with thermal

Change #1061 with diff file ISSM-15376-15377.diff:

Function name:

M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEn

Export determination: 6.

Rationale: CHG: enums for dakota

Change #1062 with diff file ISSM-15377-15378.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/ElementResults/TriaP1ElementResult.cpp M

/issm/trunk-jpl/src/c/classes/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/Elements/Penta.h

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/Node.cpp

Export determination: 6.

Rationale: CHG:updating Hydro Model to deal with real 3D geometry

Change #1063 with diff file ISSM-15378-15379.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/cloud.m

Export determination: 6.

Rationale: CHG: check on login

Change #1064 with diff file ISSM-15379-15380.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/cloud.m

Export determination: 6.

Rationale: CHG: added interactivity choice to cloud.m

Change #1065 with diff file ISSM-15380-15381.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/cloud.m

Export determination: 6.

Rationale: CHG: adding sourcing of etc/environment.sh

Change #1066 with diff file ISSM-15381-15382.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/cloud.m

Export determination: 6.

Rationale: CHG: adding sourcing of etc/environment.sh

Change #1067 with diff file ISSM-15382-15383.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/cloud.m

Export determination: 6.

Rationale: CHG: adding sourcing of etc/environment.sh

Change #1068 with diff file ISSM-15383-15384.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/cloud.m

Export determination: 6.

Rationale: CHG: adding sourcing of etc/environment.sh

Change #1069 with diff file ISSM-15384-15385.diff:

Function name:

M /issm/trunk-jpl/m4/issm_options.m4 M /issm/trunk-jpl/src/c/classes/Elements/Element.h

M /issm/trunk-jpl/src/c/classes/Elements/Penta.h M /issm/trunk-jpl/src/c/classes/Elements/Tria.h

M /issm/trunk-jpl/src/c/classes/FemModel.cpp M /issm/trunk-jpl/src/c/classes/Materials/Matrice.cpp

M /issm/trunk-jpl/src/c/modules/ResetConstraintsx/ResetConstraintsx.cpp

Export determination: 6.

Rationale: CHG: hydrology code was not well protected, as well as 3D code and rift code.

Change #1070 with diff file ISSM-15385-15386.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/FemModel.cpp

Export determination: 6.

Rationale: CHG: added AD solution profiling

Change #1071 with diff file ISSM-15386-15387.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Element.h M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp

M /issm/trunk-jpl/src/c/classes/Elements/Penta.h M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp

M /issm/trunk-jpl/src/c/classes/Elements/Tria.h

Export determination: 6.

Rationale: CHG: moved code around, to decrease the scope, and hopefully increase AD mode computations, which have too many actives.

Change #1072 with diff file ISSM-15387-15388.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Element.h M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp

M /issm/trunk-jpl/src/c/classes/Elements/Penta.h M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp

M /issm/trunk-jpl/src/c/classes/Elements/Tria.h

Export determination: 6.

Rationale: BUG: fixing compilation: AverageOntoPartitionx should be if HAVE_RESPONSE

Change #1073 with diff file ISSM-15389-15390.diff:

Function name:

A /issm/mobile/Makefile.am (from /issm/trunk-jpl/src/mobile/Makefile.am:15387)

A /issm/mobile/android (from /issm/trunk-jpl/src/mobile/android:15387) A

/issm/mobile/graphics (from /issm/trunk-jpl/src/mobile/graphics:15387) A /issm/mobile/ios

(from /issm/trunk-jpl/src/mobile/ios:15387) A /issm/mobile/text (from /issm/trunk-

jpl/src/mobile/text:15387) D /issm/trunk-jpl/src/mobile/android D /issm/trunk-

jpl/src/mobile/graphics D /issm/trunk-jpl/src/mobile/ios D /issm/trunk-jpl/src/mobile/text

Export determination: 6.

Rationale: NEW: moving android and ios files to mobile

Change #1074 with diff file ISSM-15390-15391.diff:

Function name:

M /issm/trunk-jpl/src/mobile/Makefile.am

Export determination: 6.

Rationale: CHG: only compile android

Change #1075 with diff file ISSM-15391-15392.diff:

Function name:

M /issm/trunk-jpl/configure.ac

Export determination: 6.

Rationale: CHG: only compile src/mobile/native