

JPL EXPORT ADMINISTRATION DOCUMENT REVIEW RECORD

Log #: 12678-13393

(Note: This form and process do not replace the procedures described in JPL Policy relating to review and approval of proposals and contractual documents. This process is intended to document the review and coordination of requests to ascertain the export control ramifications relating to specific documents. Export Administration signature does not convey authority to export or release the "Exporter of Record" from any export laws or regulations.)

Program: ISSM: Ice Sheet System Model

Person Requesting or Initiating Export: Dr. Eric Larour

Date Received: Sep-19-2012

Document Title/Description: ISSM changes from revision 12678 to revision 13393

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:** Sep-19-2012



JPL Export Administration Form TBS June 29, 2011

Disposition:

- 1: Public Domain Information (Ref ITAR Section 120.11)
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- 7: Other (specify)

Change #1 with diff file ISSM-12682-12683.diff:

Function name:

D /issm/trunk-jpl/externalpackages/android/doc

Export determination: 6.

Rationale: Removed Android Project documentation. Now resides in JPL trunk.

Change #2 with diff file ISSM-12683-12684.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/Synchronize.sh

Export determination: 6.

Rationale: minor

Change #3 with diff file ISSM-12684-12685.diff:

Function name:

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

Export determination: 6.

Rationale: minor

Change #4 with diff file ISSM-12685-12686.diff:

Function name:

A /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/SurfaceforcingsANegEnum.m
A /issm/trunk-jpl/src/m/enum/SurfaceforcingsAPosEnum.m A /issm/trunk-jpl/src/m/enum/SurfaceforcingsBNegEnum.m A /issm/trunk-jpl/src/m/enum/SurfaceforcingsBPosEnum.m
A /issm/trunk-jpl/src/m/enum/SurfaceforcingsHcEnum.m A /issm/trunk-jpl/src/m/enum/SurfaceforcingsIssEnum.m
A /issm/trunk-jpl/src/m/enum/SurfaceforcingsSmbPosMaxEnum.m A /issm/trunk-jpl/src/m/enum/SurfaceforcingsSmbPosMinEnum.m

Export determination: 6.
Rationale: Synchronized Enums (Added missing files for NR)

Change #5 with diff file ISSM-12686-12687.diff:

Function name:
M /issm/trunk-jpl/startup.py
Export determination: 6.
Rationale: removed print statement

Change #6 with diff file ISSM-12687-12688.diff:

Function name:
M /issm/trunk-jpl/etc/environment.sh M /issm/trunk-jpl/etc/environment_variables.sh
Export determination: 6.
Rationale: ncview, tclx, aspell and hdf hookups.

Change #7 with diff file ISSM-12688-12689.diff:

Function name:
M /issm/trunk-jpl/src/ad/todo
Export determination: 6.
Rationale: AD todo

Change #8 with diff file ISSM-12689-12690.diff:

Function name:
M /issm/trunk-jpl/configs/config-macosx64-larour-ad.sh
Export determination: 6.
Rationale: More efficient config-macosx64-larour-ad.sh file.

Change #9 with diff file ISSM-12690-12691.diff:

Function name:
M /issm/trunk-jpl/src/m/utls/Kml/exp2kml.m
Export determination: 6.
Rationale: Fixed bug

Change #10 with diff file ISSM-12691-12692.diff:

Function name:

M /issm/trunk-jpl/src/m/utls/Exp/expcontract.m

Export determination: 6.

Rationale: New expread interface. Updated.

Change #11 with diff file ISSM-12692-12693.diff:

Function name:

M /issm/trunk-jpl/src/m/utls/Basins/isbasin.m M /issm/trunk-jpl/src/m/utls/Basins/showbasins.m

Export determination: 6.

Rationale: New path to basins

Change #12 with diff file ISSM-12693-12694.diff:

Function name:

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

Export determination: 6.

Rationale: Added modules package

Change #13 with diff file ISSM-12694-12695.diff:

Function name:

A /issm/trunk-jpl/src/c/shared/Sys

Export determination: 6.

Rationale: System routines: profiling, time, etc ...

Change #14 with diff file ISSM-12695-12696.diff:

Function name:

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

Export determination: 6.

Rationale: minor

Change #15 with diff file ISSM-12696-12697.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/modules/EnumToStringx/EnumToStringx.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateParameters.cpp M
/issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp A /issm/trunk-
jpl/src/c/shared/Sys/ProfilingEnd.cpp A /issm/trunk-jpl/src/c/shared/Sys/ProfilingStart.cpp
A /issm/trunk-jpl/src/c/shared/Sys/sys.h M /issm/trunk-jpl/src/c/shared/shared.h
M /issm/trunk-jpl/src/c/solutions/issm.cpp M /issm/trunk-jpl/src/m/classes/debug.m
D /issm/trunk-jpl/src/m/enum/DebugPetcProfilingEnum.m A /issm/trunk-
jpl/src/m/enum/DebugProfilingEnum.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py
D /issm/trunk-jpl/src/m/enum/PetcProfilingCurrentFlopsEnum.m D /issm/trunk-
jpl/src/m/enum/PetcProfilingCurrentMemEnum.m D /issm/trunk-jpl/src/m/enum/PetcProfilingSolutionTimeEnum.m
A /issm/trunk-jpl/src/m/enum/ProfilingCurrentFlopsEnum.m A /issm/trunk-
jpl/src/m/enum/ProfilingCurrentMemEnum.m A /issm/trunk-jpl/src/m/enum/ProfilingSolutionTimeEnum.m
Export determination: 6.
Rationale: Generalized profiling in issm.cpp to be applicable even when Petsc
is not available. Concentrated all profiling stuff in two routines, ProfilingStart
and ProfilingEnd.

Change #16 with diff file ISSM-12697-12698.diff:

Function name:

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

Export determination: 6.

Rationale: Removed exit 0 statement, which was too restrictive.

Change #17 with diff file ISSM-12698-12699.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/IdToName.m A /issm/trunk-jpl/test/NightlyRun/test356.m

Export determination: 6.

Rationale: NightlyRun test for SMB Gradients

Change #18 with diff file ISSM-12699-12700.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test356.m

Export determination: 6.

Rationale: error repaired in NightlyRun SMB Gradients

Change #19 with diff file ISSM-12700-12701.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/IdToName.m A /issm/trunk-jpl/test/NightlyRun/test358.m

Export determination: 6.

Rationale: NightlyRun test for SMB Gradients in 3d mode

Change #20 with diff file ISSM-12701-12702.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Sys/ProfilingEnd.cpp

Export determination: 6.

Rationale: Fixed compilation

Change #21 with diff file ISSM-12702-12703.diff:

Function name:

A /issm/trunk-jpl/test/Archives/Archive356.mat A /issm/trunk-jpl/test/Archives/Archive358.mat

Export determination: 6.

Rationale: added archives for smbgradients nightly runs

Change #22 with diff file ISSM-12703-12704.diff:

Function name:

M /issm/trunk-jpl/configure.ac

Export determination: 6.

Rationale: update version number

Change #23 with diff file ISSM-12704-12705.diff:

Function name:

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

M /issm/trunk-jpl/src/c/Container/Elements.cpp M /issm/trunk-jpl/src/c/Makefile.am

M /issm/trunk-jpl/src/c/matlab/io/OptionParse.cpp M /issm/trunk-jpl/src/c/modules/PositiveDegreeDayx/

M /issm/trunk-jpl/src/c/objects/ElementResults/DoubleElementResult.cpp M

/issm/trunk-jpl/src/c/objects/ElementResults/DoubleElementResult.h M /issm/trunk-

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

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

M /issm/trunk-jpl/src/c/objects/Elements/Tria.h M /issm/trunk-jpl/src/c/objects/Inputs/BoolInput.h

M /issm/trunk-jpl/src/c/objects/Inputs/ControlInput.h M /issm/trunk-jpl/src/c/objects/Inputs/DatasetInpu

M /issm/trunk-jpl/src/c/objects/Inputs/DoubleInput.h M /issm/trunk-jpl/src/c/objects/Inputs/Input.h
M /issm/trunk-jpl/src/c/objects/Inputs/IntInput.h M /issm/trunk-jpl/src/c/objects/Inputs/PentaP1Input.h
M /issm/trunk-jpl/src/c/objects/Inputs/TransientInput.cpp M /issm/trunk-jpl/src/c/objects/Inputs/TransientInput.h
M /issm/trunk-jpl/src/c/objects/Inputs/TriaP1Input.h A /issm/trunk-jpl/src/c/shared/Elements/PddSurfaceMassBalance.cpp:12703
(from /issm/trunk/src/c/shared/Elements/PddSurfaceMassBalance.cpp:12703)
M /issm/trunk-jpl/src/c/shared/Elements/elements.h M /issm/trunk-jpl/src/c/shared/Exp/DomainOutlineR
M /issm/trunk-jpl/src/m/model/extrude.m
Export determination: 6.
Rationale: merged trunk and trunk-jpl

Change #24 with diff file ISSM-12705-12706.diff:

Function name:

M /issm/trunk-jpl/src/c/objects/Inputs/TransientInput.h M /issm/trunk-jpl/src/c/shared/Elements/PddSurfaceMassBalance.cpp:12703

Export determination: 6.

Rationale: minor

Change #25 with diff file ISSM-12710-12711.diff:

Function name:

M /issm/trunk-jpl

Export determination: 6.

Rationale: Block revision 12709 from being merged into trunk-jpl

Change #26 with diff file ISSM-12711-12712.diff:

Function name:

A /issm/trunk-jpl/externalpackages/modules/install-macosx64.sh

Export determination: 6.

Rationale: MacOSx64 version of modules, using tcl and tclx

Change #27 with diff file ISSM-12712-12713.diff:

Function name:

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

Export determination: 6.

Rationale: tclx package

Change #28 with diff file ISSM-12713-12714.diff:

Function name:

M /issm/trunk-jpl/externalpackages/esmf

Export determination: 6.

Rationale: esmf package

Change #29 with diff file ISSM-12714-12715.diff:

Function name:

M /issm/trunk-jpl/externalpackages/automake M /issm/trunk-jpl/externalpackages/ncview

M /issm/trunk-jpl/externalpackages/netcdf

Export determination: 6.

Rationale: Ignore some packages

Change #30 with diff file ISSM-12715-12716.diff:

Function name:

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

Export determination: 6.

Rationale: Ignore some files in svn. Some bug fixing in the install.

Change #31 with diff file ISSM-12716-12717.diff:

Function name:

M /issm/trunk-jpl/externalpackages/gsl M /issm/trunk-jpl/externalpackages/netcdf-python

Export determination: 6.

Rationale: Ignore some files for svn

Change #32 with diff file ISSM-12717-12718.diff:

Function name:

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

Export determination: 6.

Rationale: Ignore some files for svn. Change default step.

Change #33 with diff file ISSM-12718-12719.diff:

Function name:

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

Export determination: 6.

Rationale: Ignore some files under svn. Change install defaults.

Change #34 with diff file ISSM-12719-12720.diff:

Function name:

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

Export determination: 6.

Rationale: New tcl package

Change #35 with diff file ISSM-12720-12721.diff:

Function name:

M /issm/trunk-jpl/externalpackages/python M /issm/trunk-jpl/externalpackages/python/install-macosx-lion.sh M /issm/trunk-jpl/externalpackages/python/install-macosx-snowleopard.sh

Export determination: 6.

Rationale: Updated patching of pyport.h + ignore some files under svn

Change #36 with diff file ISSM-12721-12722.diff:

Function name:

M /issm/trunk-jpl/externalpackages/android M /issm/trunk-jpl/externalpackages/android/android-emulators M /issm/trunk-jpl/externalpackages/android/android-ndk

Export determination: 6.

Rationale: Ignore some files under svn

Change #37 with diff file ISSM-12722-12723.diff:

Function name:

M /issm/trunk-jpl/externalpackages M /issm/trunk-jpl/externalpackages/adolc
M /issm/trunk-jpl/externalpackages/autoconf M /issm/trunk-jpl/externalpackages/h5py
M /issm/trunk-jpl/externalpackages/hdf5 M /issm/trunk-jpl/externalpackages/libtool
M /issm/trunk-jpl/externalpackages/modules M /issm/trunk-jpl/externalpackages/pcre
M /issm/trunk-jpl/externalpackages/tcl

Export determination: 6.

Rationale: Ignore some svn file under svn

Change #38 with diff file ISSM-12723-12724.diff:

Function name:

A /issm/trunk-jpl/externalpackages/petsc/install-3.3-linux64.sh

Export determination: 6.

Rationale: Added install-3.3-linux64.sh

Change #39 with diff file ISSM-12724-12725.diff:

Function name:

A /issm/trunk-jpl/externalpackages/tao/install-2.0.sh (from /issm/trunk-jpl/externalpackages/tao/install.sh:1

A /issm/trunk-jpl/externalpackages/tao/install-2.1.sh D /issm/trunk-jpl/externalpackages/tao/install.sh

Export determination: 6.

Rationale: Added tao 2.1 for petsc 3.3 and petsc dev

Change #40 with diff file ISSM-12725-12726.diff:

Function name:

M /issm/trunk-jpl/src/c/objects/Bamg/Mesh.cpp

Export determination: 6.

Rationale: minor

Change #41 with diff file ISSM-12726-12727.diff:

Function name:

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

Export determination: 6.

Rationale: cosmetics

Change #42 with diff file ISSM-12727-12728.diff:

Function name:

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

Export determination: 6.

Rationale: Added power as an option

Change #43 with diff file ISSM-12728-12729.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/InterpFromMeshToMesh2dx/InterpFromMeshToMesh2dx.cpp
Export determination: 6.
Rationale: Faster interpolation module

Change #44 with diff file ISSM-12729-12730.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/petsc/patches/MatPartition.cpp M /issm/trunk-jpl/src/c/toolkits/petsc/patches/NewMat.cpp M /issm/trunk-jpl/src/c/toolkits/petsc/patches/PetscOptionsI

Export determination: 6.

Rationale: Added support for PETSC 3.3

Change #45 with diff file ISSM-12730-12731.diff:

Function name:

A /issm/trunk-jpl/configs/config-linux64-astrid-petsc3.3.sh

Export determination: 6.

Rationale: Added config file for petsc 3.3

Change #46 with diff file ISSM-12731-12732.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/metis/patches/METIS_PartMeshNodalPatch.cpp

Export determination: 6.

Rationale: Fixed leak for METIS 5

Change #47 with diff file ISSM-12732-12733.diff:

Function name:

M /issm/trunk-jpl/src/m/model/plot/plot_gridded.m

Export determination: 6.

Rationale: use subplotmodel instead of subplot in plot_gridded

Change #48 with diff file ISSM-12733-12734.diff:

Function name:

M /issm/trunk-jpl/src/m/model/MatlabProcessPatch.m A /issm/trunk-jpl/src/m/model/MatlabProcessPatch

A /issm/trunk-jpl/src/m/model/loadresultsfromcluster.py A /issm/trunk-jpl/src/m/model/loadresultsfromdis

M /issm/trunk-jpl/src/m/model/marshall.py M /issm/trunk-jpl/src/m/model/parseresultsfromdisk.m
A /issm/trunk-jpl/src/m/model/parseresultsfromdisk.py A /issm/trunk-jpl/src/m/utils/OS/ispetsc.py
A /issm/trunk-jpl/src/m/utils/Shell/issmdir.py
Export determination: 6.
Rationale: Preliminary python versions of loadresultsfromcluster and supporting functions (in preparation for solve).

Change #49 with diff file ISSM-12734-12735.diff:

Function name:

M /issm/trunk-jpl/externalpackages/python/install-macosx-lion.sh D /issm/trunk-jpl/externalpackages/python/patch A /issm/trunk-jpl/externalpackages/python/patches
A /issm/trunk-jpl/externalpackages/python/patches/pyport.h.patch A /issm/trunk-jpl/externalpackages/python/patches/pyport.h.patch.bugreport
Export determination: 6.

Rationale: Weird stuff going on with patch directory

Change #50 with diff file ISSM-12735-12736.diff:

Function name:

A /issm/trunk-jpl/externalpackages/python/install-2.7.2-linux64.sh (from /issm/trunk-jpl/externalpackages/python/install-linux64-astrid.sh:12734) A /issm/trunk-jpl/externalpackages/python/install-2.7.2-macosx-lion.sh (from /issm/trunk-jpl/externalpackages/python/install-macosx-lion.sh:12734) A /issm/trunk-jpl/externalpackages/python/install-2.7.2-macosx-snowleopard.sh (from /issm/trunk-jpl/externalpackages/python/install-macosx-snowleopard.sh:12734) A /issm/trunk-jpl/externalpackages/python/install-3.2.2-linux64.sh A /issm/trunk-jpl/externalpackages/python/install-3.2.2-macosx-lion.sh A /issm/trunk-jpl/externalpackages/python/install-3.2.2-macosx-snowleopard.sh D /issm/trunk-jpl/externalpackages/python/install-linux64-astrid.sh D /issm/trunk-jpl/externalpackages/python/install-macosx-lion.sh D /issm/trunk-jpl/externalpackages/python/install-macosx-snowleopard.sh
Export determination: 6.

Rationale: Make separate installation scripts for different versions (same as other packages like petsc, mpich2, etc)

Change #51 with diff file ISSM-12736-12737.diff:

Function name:

A /issm/trunk-jpl/externalpackages/netcdf/install-4.0.sh (from /issm/trunk-jpl/externalpackages/netcdf/install-4.0.sh:12736) A /issm/trunk-jpl/externalpackages/netcdf/install-4.2.sh D /issm/trunk-jpl/externalpackages/netcdf/install-4.0.sh
Export determination: 6.

Rationale: Make separate installation scripts for different versions (same as other packages like petsc, mpich2, etc)

Change #52 with diff file ISSM-12737-12738.diff:

Function name:

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

Export determination: 6.

Rationale: only one version for now

Change #53 with diff file ISSM-12738-12739.diff:

Function name:

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

M /issm/trunk-jpl/configure.ac M /issm/trunk-jpl/etc/environment_variables.sh

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

jpl/externalpackages/android/android-sdk/install.sh A /issm/trunk-jpl/externalpackages/android/android_au

(from /issm/trunk-jpl/externalpackages/android/android_variables.sh:12722) D

/issm/trunk-jpl/externalpackages/android/android_variables.sh M /issm/trunk-

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

android.sh M /issm/trunk-jpl/m4/issm_options.m4 M /issm/trunk-jpl/m4/libtool.m4

M /issm/trunk-jpl/m4/ltoptions.m4 M /issm/trunk-jpl/m4/ltversion.m4 M /issm/trunk-

jpl/m4/lt_obsolete.m4 M /issm/trunk-jpl/src/c/Makefile.am

Export determination: 6.

Rationale: Changes to Autotools related files and Android scripts.

Change #54 with diff file ISSM-12739-12740.diff:

Function name:

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

Export determination: 6.

Rationale: minor output

Change #55 with diff file ISSM-12740-12741.diff:

Function name:

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

Export determination: 6.

Rationale: Minor change to src/c/Makefile.am

Change #56 with diff file ISSM-12741-12742.diff:

Function name:

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

Export determination: 6.

Rationale: Minor change to src/c/Makefile.am... again

Change #57 with diff file ISSM-12742-12743.diff:

Function name:

M /issm/trunk-jpl/configure.ac

Export determination: 6.

Rationale: Minor change to configure.ac

Change #58 with diff file ISSM-12743-12744.diff:

Function name:

M /issm/trunk-jpl/src/m/Utils/OS/ispetsc.py M /issm/trunk-jpl/src/m/Utils/OS/issmscpin.m

A /issm/trunk-jpl/src/m/Utils/OS/issmscpin.py M /issm/trunk-jpl/src/m/Utils/OS/issmscpout.m

A /issm/trunk-jpl/src/m/Utils/OS/issmscpout.py M /issm/trunk-jpl/src/m/Utils/OS/issmssh.m

A /issm/trunk-jpl/src/m/Utils/OS/issmssh.py

Export determination: 6.

Rationale: Preliminary python versions of issmssh, issmscpin, and issmscpout
(in preparation for class generic).

Change #59 with diff file ISSM-12744-12745.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/modules/EnumToStringx/EnumToStringx.cpp

M /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp M /issm/trunk-jpl/src/c/objects/Inputs/TransientInput.cpp M /issm/trunk-jpl/src/c/objects/Params/BoolParam.h

M /issm/trunk-jpl/src/c/objects/Params/DoubleMatArrayParam.h M /issm/trunk-jpl/src/c/objects/Params/DoubleMatParam.h

M /issm/trunk-jpl/src/c/objects/Params/DoubleTransientMatParam.cpp M /issm/trunk-jpl/src/c/objects/Params/DoubleParam.h

M /issm/trunk-jpl/src/c/objects/Params/DoubleTransientMatParam.h M /issm/trunk-jpl/src/c/objects/Params/DoubleVecParam.h

M /issm/trunk-jpl/src/c/objects/Params/FileParam.h M /issm/trunk-jpl/src/c/objects/Params/IntMatParam.h

M /issm/trunk-jpl/src/c/objects/Params/IntParam.h M /issm/trunk-jpl/src/c/objects/Params/IntVecParam.h

M /issm/trunk-jpl/src/c/objects/Params/MatrixParam.h M /issm/trunk-jpl/src/c/objects/Params/Param.h
M /issm/trunk-jpl/src/c/objects/Params/StringArrayParam.h M /issm/trunk-jpl/src/c/objects/Params/StringParam.h A /issm/trunk-jpl/src/c/objects/Params/TransientParam.cpp
A /issm/trunk-jpl/src/c/objects/Params/TransientParam.h M /issm/trunk-jpl/src/c/objects/Params/VectorParam.h
M /issm/trunk-jpl/src/c/objects/objects.h
Export determination: 6.
Rationale: Added TransientParam

Change #60 with diff file ISSM-12745-12746.diff:

Function name:
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums
A /issm/trunk-jpl/src/m/enum/TransientParamEnum.m
Export determination: 6.
Rationale: Added TransientParam

Change #61 with diff file ISSM-12746-12747.diff:

Function name:
M /issm/trunk-jpl/src/c/Container/Parameters.cpp M /issm/trunk-jpl/src/c/Container/Parameters.h
Export determination: 6.
Rationale: Added method for TransientInput

Change #62 with diff file ISSM-12747-12748.diff:

Function name:
M /issm/trunk-jpl/src/c/objects/Params/TransientParam.h
Export determination: 6.
Rationale: minor

Change #63 with diff file ISSM-12748-12749.diff:

Function name:
M /issm/trunk-jpl/externalpackages/matlab/install.sh M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h
M /issm/trunk-jpl/src/c/Makefile.am A /issm/trunk-jpl/src/c/modules/Delta18oParameterizationx
A /issm/trunk-jpl/src/c/modules/Delta18oParameterizationx/Delta18oParameterizationx.cpp
A /issm/trunk-jpl/src/c/modules/Delta18oParameterizationx/Delta18oParameterizationx.h
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/ModelProcessorx.h

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/modules/modules.h M /issm/trunk-jpl/src/c/objects/Elements/Element.h
M /issm/trunk-jpl/src/c/objects/Elements/Penta.cpp M /issm/trunk-jpl/src/c/objects/Elements/Penta.h
M /issm/trunk-jpl/src/c/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/objects/Elements/Tria.h
A /issm/trunk-jpl/src/c/shared/Elements/ComputeDelta18oTemperaturePrecipitation.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/prognostic_core.cpp
M /issm/trunk-jpl/src/c/solutions/transient_core.cpp 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/MaximumNumberOfEnum.m
A /issm/trunk-jpl/src/m/enum/SurfaceforcingsDelta18oEnum.m A /issm/trunk-jpl/src/m/enum/SurfaceforcingsDelta18oSurfaceEnum.m A /issm/trunk-jpl/src/m/enum/SurfaceforcingsDelta18oTemperaturesPresentdayEnum.m
A /issm/trunk-jpl/src/m/enum/SurfaceforcingsIsdelta18oEnum.m A /issm/trunk-jpl/src/m/enum/SurfaceforcingsPrecipitationsPresentdayEnum.m
Export determination: 6.
Rationale: addind delta18o temperature and precipitation methode

Change #64 with diff file ISSM-12749-12750.diff:

Function name:

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

Export determination: 6.

Rationale: reverting back to normal

Change #65 with diff file ISSM-12750-12751.diff:

Function name:

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

Export determination: 6.

Rationale: Added check to avoid segfault

Change #66 with diff file ISSM-12751-12752.diff:

Function name:

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

Export determination: 6.

Rationale: Added fetch elements

Change #67 with diff file ISSM-12752-12753.diff:

Function name:

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

Export determination: 6.

Rationale: Fixed some leaks

Change #68 with diff file ISSM-12753-12754.diff:

Function name:

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

Export determination: 6.

Rationale: Preliminary python version of class generic.

Change #69 with diff file ISSM-12754-12755.diff:

Function name:

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

Export determination: 6.

Rationale: Fixed a couple errors.

Change #70 with diff file ISSM-12755-12756.diff:

Function name:

M /issm/trunk-jpl/src/m/model/ismodelselfconsistent.m A /issm/trunk-jpl/src/m/model/ismodelselfconsistent.py

A /issm/trunk-jpl/src/m/model/solve.py

Export determination: 6.

Rationale: Preliminary python versions of ismodelselfconsistent and solve.

Change #71 with diff file ISSM-12756-12757.diff:

Function name:

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

Export determination: 6.

Rationale: Fixed what probably is an ancient typo.

Change #72 with diff file ISSM-12757-12758.diff:

Function name:

M /issm/trunk-jpl/src/m/model/ismodelselfconsistent.py
Export determination: 6.
Rationale: Fixed typo.

Change #73 with diff file ISSM-12758-12759.diff:

Function name:
A /issm/trunk-jpl/src/m/utis/OS/ismumps.py
Export determination: 6.
Rationale: Python version of ismumps.

Change #74 with diff file ISSM-12759-12760.diff:

Function name:
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Prognostic/UpdateElementsPrognostic.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Transient/UpdateElementsTransient.cpp
M /issm/trunk-jpl/src/c/solutions/prognostic_core.cpp M /issm/trunk-jpl/src/c/solutions/transient_core.cpp
Export determination: 6.
Rationale: move ispdd back to prognostic (instead of transient)

Change #75 with diff file ISSM-12760-12761.diff:

Function name:
M /issm/trunk-jpl/src/c/objects/Params/DoubleMatParam.cpp M /issm/trunk-jpl/src/c/objects/Params/DoubleMatParam.h M /issm/trunk-jpl/src/c/objects/Params/TransientParam.cpp
M /issm/trunk-jpl/src/c/objects/Params/TransientParam.h
Export determination: 6.
Rationale: removed GetPointer not used anymore

Change #76 with diff file ISSM-12761-12762.diff:

Function name:
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateParameters.cpp
Export determination: 6.
Rationale: minor

Change #77 with diff file ISSM-12762-12763.diff:

Function name:

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

M /issm/trunk-jpl/src/m/utils/OS/ismumps.py M /issm/trunk-jpl/src/m/utils/OS/ispetsc.py

Export determination: 6.

Rationale: Python version of petscversion plus other minor changes.

Change #78 with diff file ISSM-12763-12764.diff:

Function name:

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

Export determination: 6.

Rationale: changed IdToName to remove all Serial tests that don't exist anymore

Change #79 with diff file ISSM-12764-12765.diff:

Function name:

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

Export determination: 6.

Rationale: minor

Change #80 with diff file ISSM-12765-12766.diff:

Function name:

D /issm/trunk-jpl/src/py/model/petscversion.2.py D /issm/trunk-jpl/src/py/utils/OS/ismumps.py

D /issm/trunk-jpl/src/py/utils/Shell/issmtier.py

Export determination: 6.

Rationale: Deleted some non-functional python scripts.

Change #81 with diff file ISSM-12766-12767.diff:

Function name:

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

Export determination: 6.

Rationale: Fixed typos.

Change #82 with diff file ISSM-12767-12768.diff:

Function name:
M /issm/trunk-jpl/scripts/report.sh
Export determination: 6.
Rationale: Removed SUCCESSES from report

Change #83 with diff file ISSM-12768-12769.diff:

Function name:
M /issm/trunk-jpl/scripts/report.sh
Export determination: 6.
Rationale: minor

Change #84 with diff file ISSM-12769-12770.diff:

Function name:
M /issm/trunk-jpl/scripts/report.sh
Export determination: 6.
Rationale: minor

Change #85 with diff file ISSM-12770-12771.diff:

Function name:
M /issm/trunk-jpl/src/Makefile.am
Export determination: 6.
Rationale: Do not install py anymore as everything is in src/m

Change #86 with diff file ISSM-12771-12772.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/ModelProcessorx.cpp M /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp M /issm/trunk-jpl/src/c/objects/Elements/Penta.cpp M /issm/trunk-jpl/src/c/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/shared/Elements/ComputeDelta18oTemperaturePrecipitation.cpp M /issm/trunk-jpl/src/c/shared/Elements/elements.h M /issm/trunk-jpl/src/c/solutions/prognostic_core.cpp M /issm/trunk-jpl/src/m/classes/surfaceforcings.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py D /issm/trunk-jpl/src/m/enum/SurfaceforcingsDelta18oTemperaturesLgmEnum.m D /issm/trunk-jpl/src/m/enum/SurfaceforcingsDelta18oTemperaturesPresentdayEnum.m M /issm/trunk-jpl/src/m/model/extrude.m M /issm/trunk-jpl/test/NightlyRun/IdToName.m

Export determination: 6.
Rationale: some minor modification for delta18o methode

Change #87 with diff file ISSM-12772-12773.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/IdToName.m
Export determination: 6.
Rationale: removing the nightly run for delta018 methode

Change #88 with diff file ISSM-12773-12774.diff:
Function name:
M /issm/trunk-jpl/externalpackages/matlab/install.sh M /issm/trunk-jpl/externalpackages/vim/addons/vim/
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/RequestedOutputsx/RequestedOutputsx.cpp
M /issm/trunk-jpl/src/c/modules/Responsex/Responsex.cpp M /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp A /issm/trunk-jpl/src/c/modules/TotalSmbx
A /issm/trunk-jpl/src/c/modules/TotalSmbx/TotalSmbx.cpp A /issm/trunk-jpl/src/c/modules/TotalSmbx/TotalSmbx.h M /issm/trunk-jpl/src/c/modules/modules.h
M /issm/trunk-jpl/src/c/objects/Elements/Element.h M /issm/trunk-jpl/src/c/objects/Elements/Penta.cpp
M /issm/trunk-jpl/src/c/objects/Elements/Penta.h M /issm/trunk-jpl/src/c/objects/Elements/Tria.cpp
M /issm/trunk-jpl/src/c/objects/Elements/Tria.h M /issm/trunk-jpl/src/c/shared/Numerics/UnitConversion
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnum
A /issm/trunk-jpl/src/m/enum/TotalSmbEnum.m
Export determination: 6.
Rationale: added an optional output: TotalSmb

Change #89 with diff file ISSM-12774-12775.diff:
Function name:
M /issm/trunk-jpl/externalpackages/matlab/install.sh
Export determination: 6.
Rationale: back to normal

Change #90 with diff file ISSM-12775-12776.diff:
Function name:

M /issm/trunk-jpl/src/c/include/macros.h
Export determination: 6.
Rationale: Updated comments for printf macros

Change #91 with diff file ISSM-12776-12777.diff:

Function name:

M /issm/trunk-jpl/src/c/python/io/FetchPythonData.cpp M /issm/trunk-jpl/src/c/python/io/pythonio.h

Export determination: 6.

Rationale: Extended I/O capability

Change #92 with diff file ISSM-12777-12778.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Sys/ProfilingStart.cpp

Export determination: 6.

Rationale: Cosmetic.

Change #93 with diff file ISSM-12778-12779.diff:

Function name:

M /issm/trunk-jpl/src/modules/InterpFromMeshToMesh2d/InterpFromMeshToMesh2d.cpp

M /issm/trunk-jpl/src/modules/InterpFromMeshToMesh2d/InterpFromMeshToMesh2d.h

Export determination: 6.

Rationale: Can take options in Python, but not processed.

Change #94 with diff file ISSM-12779-12780.diff:

Function name:

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

Export determination: 6.

Rationale: Added Python Version macro

Change #95 with diff file ISSM-12780-12781.diff:

Function name:

M /issm/trunk-jpl/configs/config-macosx64-larour-python.sh

Export determination: 6.

Rationale: Quicked python config flag

Change #96 with diff file ISSM-12781-12782.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test356.m M /issm/trunk-jpl/test/NightlyRun/test358.m

Export determination: 6.

Rationale: Added TotalSmb to Nightlyruns

Change #97 with diff file ISSM-12782-12783.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive356.mat M /issm/trunk-jpl/test/Archives/Archive358.mat

Export determination: 6.

Rationale: Archives 356 and 358 to add TotalSMB

Change #98 with diff file ISSM-12783-12784.diff:

Function name:

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

Export determination: 6.

Rationale: fixed bug in Penta.cpp concering TotalSmb

Change #99 with diff file ISSM-12784-12785.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: removed duplicate lines and added a dot to make sure 0 is treated as a double

Change #100 with diff file ISSM-12785-12786.diff:

Function name:

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

Export determination: 6.

Rationale: Fixed bug in which python version came in too late to pick up the right python library.

Change #101 with diff file ISSM-12786-12787.diff:

Function name:

M /issm/trunk-jpl/startup.py

Export determination: 6.

Rationale: No need for issmtier anymore.

Change #102 with diff file ISSM-12787-12788.diff:

Function name:

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

Export determination: 6.

Rationale: IdToName for python

Change #103 with diff file ISSM-12788-12789.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/test101.m (from /issm/trunk-jpl/test/NightlyRun/test102.m:12786)
A /issm/trunk-jpl/test/NightlyRun/test101.py (from /issm/trunk-jpl/test/NightlyRun/test102.py:12786)
R /issm/trunk-jpl/test/NightlyRun/test102.m (from /issm/trunk-jpl/test/NightlyRun/test104.m:12786)
D /issm/trunk-jpl/test/NightlyRun/test102.py A /issm/trunk-jpl/test/NightlyRun/test103.m
(from /issm/trunk-jpl/test/NightlyRun/test106.m:12786) R /issm/trunk-jpl/test/NightlyRun/test104.m
(from /issm/trunk-jpl/test/NightlyRun/test108.m:12786) A /issm/trunk-jpl/test/NightlyRun/test105.m
(from /issm/trunk-jpl/test/NightlyRun/test110.m:12786) R /issm/trunk-jpl/test/NightlyRun/test106.m
(from /issm/trunk-jpl/test/NightlyRun/test112.m:12786) A /issm/trunk-jpl/test/NightlyRun/test107.m
(from /issm/trunk-jpl/test/NightlyRun/test114.m:12786) R /issm/trunk-jpl/test/NightlyRun/test108.m
(from /issm/trunk-jpl/test/NightlyRun/test116.m:12786) A /issm/trunk-jpl/test/NightlyRun/test109.m
(from /issm/trunk-jpl/test/NightlyRun/test118.m:12786) R /issm/trunk-jpl/test/NightlyRun/test110.m
(from /issm/trunk-jpl/test/NightlyRun/test120.m:12786) A /issm/trunk-jpl/test/NightlyRun/test111.m
(from /issm/trunk-jpl/test/NightlyRun/test122.m:12786) R /issm/trunk-jpl/test/NightlyRun/test112.m
(from /issm/trunk-jpl/test/NightlyRun/test124.m:12786) A /issm/trunk-jpl/test/NightlyRun/test113.m
(from /issm/trunk-jpl/test/NightlyRun/test126.m:12786) R /issm/trunk-jpl/test/NightlyRun/test114.m
(from /issm/trunk-jpl/test/NightlyRun/test128.m:12786) A /issm/trunk-jpl/test/NightlyRun/test115.m
(from /issm/trunk-jpl/test/NightlyRun/test130.m:12786) R /issm/trunk-jpl/test/NightlyRun/test116.m
(from /issm/trunk-jpl/test/NightlyRun/test132.m:12786) A /issm/trunk-jpl/test/NightlyRun/test117.m
(from /issm/trunk-jpl/test/NightlyRun/test134.m:12786) R /issm/trunk-jpl/test/NightlyRun/test118.m
(from /issm/trunk-jpl/test/NightlyRun/test136.m:12786) A /issm/trunk-jpl/test/NightlyRun/test119.m
(from /issm/trunk-jpl/test/NightlyRun/test137.m:12786) R /issm/trunk-jpl/test/NightlyRun/test120.m
(from /issm/trunk-jpl/test/NightlyRun/test140.m:12786) A /issm/trunk-jpl/test/NightlyRun/test121.m

(from /issm/trunk-jpl/test/NightlyRun/test142.m:12786) R /issm/trunk-jpl/test/NightlyRun/test122.m
 (from /issm/trunk-jpl/test/NightlyRun/test144.m:12786) D /issm/trunk-jpl/test/NightlyRun/test124.m
 D /issm/trunk-jpl/test/NightlyRun/test126.m D /issm/trunk-jpl/test/NightlyRun/test128.m
 D /issm/trunk-jpl/test/NightlyRun/test130.m D /issm/trunk-jpl/test/NightlyRun/test132.m
 D /issm/trunk-jpl/test/NightlyRun/test134.m D /issm/trunk-jpl/test/NightlyRun/test136.m
 D /issm/trunk-jpl/test/NightlyRun/test137.m D /issm/trunk-jpl/test/NightlyRun/test140.m
 D /issm/trunk-jpl/test/NightlyRun/test142.m D /issm/trunk-jpl/test/NightlyRun/test144.m
 Export determination: 6.
 Rationale: changing nightly run numbers

Change #104 with diff file ISSM-12789-12790.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive101.mat M /issm/trunk-jpl/test/Archives/Archive102.mat
 M /issm/trunk-jpl/test/Archives/Archive103.mat M /issm/trunk-jpl/test/Archives/Archive104.mat
 M /issm/trunk-jpl/test/Archives/Archive105.mat M /issm/trunk-jpl/test/Archives/Archive106.mat
 M /issm/trunk-jpl/test/Archives/Archive107.mat M /issm/trunk-jpl/test/Archives/Archive108.mat
 M /issm/trunk-jpl/test/Archives/Archive109.mat M /issm/trunk-jpl/test/Archives/Archive110.mat
 M /issm/trunk-jpl/test/Archives/Archive111.mat M /issm/trunk-jpl/test/Archives/Archive112.mat
 M /issm/trunk-jpl/test/Archives/Archive113.mat M /issm/trunk-jpl/test/Archives/Archive114.mat
 M /issm/trunk-jpl/test/Archives/Archive115.mat M /issm/trunk-jpl/test/Archives/Archive116.mat
 M /issm/trunk-jpl/test/Archives/Archive117.mat M /issm/trunk-jpl/test/Archives/Archive118.mat
 M /issm/trunk-jpl/test/Archives/Archive119.mat M /issm/trunk-jpl/test/Archives/Archive120.mat
 M /issm/trunk-jpl/test/Archives/Archive121.mat M /issm/trunk-jpl/test/Archives/Archive122.mat
 D /issm/trunk-jpl/test/Archives/Archive123.mat D /issm/trunk-jpl/test/Archives/Archive124.mat
 D /issm/trunk-jpl/test/Archives/Archive125.mat D /issm/trunk-jpl/test/Archives/Archive126.mat
 D /issm/trunk-jpl/test/Archives/Archive127.mat D /issm/trunk-jpl/test/Archives/Archive128.mat
 D /issm/trunk-jpl/test/Archives/Archive129.mat D /issm/trunk-jpl/test/Archives/Archive130.mat
 D /issm/trunk-jpl/test/Archives/Archive131.mat D /issm/trunk-jpl/test/Archives/Archive132.mat
 D /issm/trunk-jpl/test/Archives/Archive133.mat D /issm/trunk-jpl/test/Archives/Archive134.mat
 D /issm/trunk-jpl/test/Archives/Archive135.mat D /issm/trunk-jpl/test/Archives/Archive136.mat
 D /issm/trunk-jpl/test/Archives/Archive137.mat D /issm/trunk-jpl/test/Archives/Archive139.mat
 D /issm/trunk-jpl/test/Archives/Archive140.mat D /issm/trunk-jpl/test/Archives/Archive141.mat
 D /issm/trunk-jpl/test/Archives/Archive142.mat D /issm/trunk-jpl/test/Archives/Archive143.mat
 D /issm/trunk-jpl/test/Archives/Archive144.mat

Export determination: 6.

Rationale: archives 1XX

Change #105 with diff file ISSM-12790-12791.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive101.mat M /issm/trunk-jpl/test/Archives/Archive102.mat

M /issm/trunk-jpl/test/Archives/Archive103.mat M /issm/trunk-jpl/test/Archives/Archive104.mat
M /issm/trunk-jpl/test/Archives/Archive105.mat M /issm/trunk-jpl/test/Archives/Archive106.mat
M /issm/trunk-jpl/test/Archives/Archive107.mat M /issm/trunk-jpl/test/Archives/Archive108.mat
M /issm/trunk-jpl/test/Archives/Archive109.mat M /issm/trunk-jpl/test/Archives/Archive110.mat
M /issm/trunk-jpl/test/Archives/Archive111.mat M /issm/trunk-jpl/test/Archives/Archive112.mat
M /issm/trunk-jpl/test/Archives/Archive113.mat M /issm/trunk-jpl/test/Archives/Archive114.mat
M /issm/trunk-jpl/test/Archives/Archive115.mat M /issm/trunk-jpl/test/Archives/Archive116.mat
M /issm/trunk-jpl/test/Archives/Archive117.mat M /issm/trunk-jpl/test/Archives/Archive118.mat
M /issm/trunk-jpl/test/Archives/Archive119.mat M /issm/trunk-jpl/test/Archives/Archive120.mat
M /issm/trunk-jpl/test/Archives/Archive121.mat M /issm/trunk-jpl/test/Archives/Archive122.mat
Export determination: 6.

Rationale: archives with the right matlab !

Change #106 with diff file ISSM-12791-12792.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/IdToName.m A /issm/trunk-jpl/test/NightlyRun/test201.m
(from /issm/trunk-jpl/test/NightlyRun/test202.m:12789) R /issm/trunk-jpl/test/NightlyRun/test202.m
(from /issm/trunk-jpl/test/NightlyRun/test204.m:12789) A /issm/trunk-jpl/test/NightlyRun/test203.m
(from /issm/trunk-jpl/test/NightlyRun/test206.m:12789) R /issm/trunk-jpl/test/NightlyRun/test204.m
(from /issm/trunk-jpl/test/NightlyRun/test208.m:12789) A /issm/trunk-jpl/test/NightlyRun/test205.m
(from /issm/trunk-jpl/test/NightlyRun/test210.m:12789) R /issm/trunk-jpl/test/NightlyRun/test206.m
(from /issm/trunk-jpl/test/NightlyRun/test212.m:12789) A /issm/trunk-jpl/test/NightlyRun/test207.m
(from /issm/trunk-jpl/test/NightlyRun/test214.m:12789) R /issm/trunk-jpl/test/NightlyRun/test208.m
(from /issm/trunk-jpl/test/NightlyRun/test216.m:12789) A /issm/trunk-jpl/test/NightlyRun/test209.m
(from /issm/trunk-jpl/test/NightlyRun/test218.m:12789) R /issm/trunk-jpl/test/NightlyRun/test210.m
(from /issm/trunk-jpl/test/NightlyRun/test220.m:12789) A /issm/trunk-jpl/test/NightlyRun/test211.m
(from /issm/trunk-jpl/test/NightlyRun/test222.m:12789) R /issm/trunk-jpl/test/NightlyRun/test212.m
(from /issm/trunk-jpl/test/NightlyRun/test224.m:12789) A /issm/trunk-jpl/test/NightlyRun/test213.m
(from /issm/trunk-jpl/test/NightlyRun/test226.m:12789) R /issm/trunk-jpl/test/NightlyRun/test214.m
(from /issm/trunk-jpl/test/NightlyRun/test228.m:12789) A /issm/trunk-jpl/test/NightlyRun/test215.m
(from /issm/trunk-jpl/test/NightlyRun/test230.m:12789) R /issm/trunk-jpl/test/NightlyRun/test216.m
(from /issm/trunk-jpl/test/NightlyRun/test232.m:12789) A /issm/trunk-jpl/test/NightlyRun/test217.m
(from /issm/trunk-jpl/test/NightlyRun/test234.m:12789) R /issm/trunk-jpl/test/NightlyRun/test218.m
(from /issm/trunk-jpl/test/NightlyRun/test236.m:12789) A /issm/trunk-jpl/test/NightlyRun/test219.m
(from /issm/trunk-jpl/test/NightlyRun/test238.m:12789) R /issm/trunk-jpl/test/NightlyRun/test220.m
(from /issm/trunk-jpl/test/NightlyRun/test240.m:12789) A /issm/trunk-jpl/test/NightlyRun/test221.m
(from /issm/trunk-jpl/test/NightlyRun/test242.m:12789) R /issm/trunk-jpl/test/NightlyRun/test222.m
(from /issm/trunk-jpl/test/NightlyRun/test244.m:12789) A /issm/trunk-jpl/test/NightlyRun/test223.m
(from /issm/trunk-jpl/test/NightlyRun/test246.m:12789) R /issm/trunk-jpl/test/NightlyRun/test224.m
(from /issm/trunk-jpl/test/NightlyRun/test248.m:12789) A /issm/trunk-jpl/test/NightlyRun/test225.m
(from /issm/trunk-jpl/test/NightlyRun/test250.m:12789) R /issm/trunk-jpl/test/NightlyRun/test226.m
(from /issm/trunk-jpl/test/NightlyRun/test252.m:12789) A /issm/trunk-jpl/test/NightlyRun/test227.m
(from /issm/trunk-jpl/test/NightlyRun/test254.m:12789) R /issm/trunk-jpl/test/NightlyRun/test228.m

(from /issm/trunk-jpl/test/NightlyRun/test256.m:12789) A /issm/trunk-jpl/test/NightlyRun/test229.m
 (from /issm/trunk-jpl/test/NightlyRun/test258.m:12789) R /issm/trunk-jpl/test/NightlyRun/test230.m
 (from /issm/trunk-jpl/test/NightlyRun/test260.m:12789) A /issm/trunk-jpl/test/NightlyRun/test231.m
 (from /issm/trunk-jpl/test/NightlyRun/test262.m:12789) R /issm/trunk-jpl/test/NightlyRun/test232.m
 (from /issm/trunk-jpl/test/NightlyRun/test264.m:12789) A /issm/trunk-jpl/test/NightlyRun/test233.m
 (from /issm/trunk-jpl/test/NightlyRun/test266.m:12789) R /issm/trunk-jpl/test/NightlyRun/test234.m
 (from /issm/trunk-jpl/test/NightlyRun/test268.m:12789) A /issm/trunk-jpl/test/NightlyRun/test235.m
 (from /issm/trunk-jpl/test/NightlyRun/test270.m:12789) D /issm/trunk-jpl/test/NightlyRun/test236.m
 D /issm/trunk-jpl/test/NightlyRun/test238.m D /issm/trunk-jpl/test/NightlyRun/test240.m
 D /issm/trunk-jpl/test/NightlyRun/test242.m D /issm/trunk-jpl/test/NightlyRun/test244.m
 D /issm/trunk-jpl/test/NightlyRun/test246.m D /issm/trunk-jpl/test/NightlyRun/test248.m
 D /issm/trunk-jpl/test/NightlyRun/test250.m D /issm/trunk-jpl/test/NightlyRun/test252.m
 D /issm/trunk-jpl/test/NightlyRun/test254.m D /issm/trunk-jpl/test/NightlyRun/test256.m
 D /issm/trunk-jpl/test/NightlyRun/test258.m D /issm/trunk-jpl/test/NightlyRun/test260.m
 D /issm/trunk-jpl/test/NightlyRun/test262.m D /issm/trunk-jpl/test/NightlyRun/test264.m
 D /issm/trunk-jpl/test/NightlyRun/test266.m D /issm/trunk-jpl/test/NightlyRun/test268.m
 D /issm/trunk-jpl/test/NightlyRun/test270.m
 Export determination: 6.
 Rationale: starting to change 2XX

Change #107 with diff file ISSM-12792-12793.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive201.mat M /issm/trunk-jpl/test/Archives/Archive202.mat
 M /issm/trunk-jpl/test/Archives/Archive203.mat M /issm/trunk-jpl/test/Archives/Archive204.mat
 M /issm/trunk-jpl/test/Archives/Archive205.mat M /issm/trunk-jpl/test/Archives/Archive206.mat
 M /issm/trunk-jpl/test/Archives/Archive207.mat M /issm/trunk-jpl/test/Archives/Archive208.mat
 M /issm/trunk-jpl/test/Archives/Archive209.mat M /issm/trunk-jpl/test/Archives/Archive210.mat
 M /issm/trunk-jpl/test/Archives/Archive211.mat M /issm/trunk-jpl/test/Archives/Archive212.mat
 M /issm/trunk-jpl/test/Archives/Archive213.mat M /issm/trunk-jpl/test/Archives/Archive214.mat
 M /issm/trunk-jpl/test/Archives/Archive215.mat M /issm/trunk-jpl/test/Archives/Archive216.mat
 M /issm/trunk-jpl/test/Archives/Archive217.mat M /issm/trunk-jpl/test/Archives/Archive218.mat
 M /issm/trunk-jpl/test/Archives/Archive219.mat M /issm/trunk-jpl/test/Archives/Archive220.mat
 M /issm/trunk-jpl/test/Archives/Archive221.mat M /issm/trunk-jpl/test/Archives/Archive222.mat
 M /issm/trunk-jpl/test/Archives/Archive223.mat M /issm/trunk-jpl/test/Archives/Archive224.mat
 M /issm/trunk-jpl/test/Archives/Archive225.mat M /issm/trunk-jpl/test/Archives/Archive226.mat
 M /issm/trunk-jpl/test/Archives/Archive227.mat M /issm/trunk-jpl/test/Archives/Archive228.mat
 M /issm/trunk-jpl/test/Archives/Archive229.mat M /issm/trunk-jpl/test/Archives/Archive230.mat
 M /issm/trunk-jpl/test/Archives/Archive232.mat M /issm/trunk-jpl/test/Archives/Archive233.mat
 M /issm/trunk-jpl/test/Archives/Archive234.mat M /issm/trunk-jpl/test/Archives/Archive235.mat
 Export determination: 6.
 Rationale: archives 2XX

Change #108 with diff file ISSM-12793-12794.diff:

Function name:

D /issm/trunk-jpl/test/Archives/Archive236.mat D /issm/trunk-jpl/test/Archives/Archive237.mat
D /issm/trunk-jpl/test/Archives/Archive238.mat D /issm/trunk-jpl/test/Archives/Archive239.mat
D /issm/trunk-jpl/test/Archives/Archive240.mat D /issm/trunk-jpl/test/Archives/Archive241.mat
D /issm/trunk-jpl/test/Archives/Archive242.mat D /issm/trunk-jpl/test/Archives/Archive243.mat
D /issm/trunk-jpl/test/Archives/Archive244.mat D /issm/trunk-jpl/test/Archives/Archive245.mat
D /issm/trunk-jpl/test/Archives/Archive246.mat D /issm/trunk-jpl/test/Archives/Archive247.mat
D /issm/trunk-jpl/test/Archives/Archive248.mat D /issm/trunk-jpl/test/Archives/Archive249.mat
D /issm/trunk-jpl/test/Archives/Archive250.mat D /issm/trunk-jpl/test/Archives/Archive251.mat
D /issm/trunk-jpl/test/Archives/Archive252.mat D /issm/trunk-jpl/test/Archives/Archive253.mat
D /issm/trunk-jpl/test/Archives/Archive254.mat D /issm/trunk-jpl/test/Archives/Archive255.mat
D /issm/trunk-jpl/test/Archives/Archive256.mat D /issm/trunk-jpl/test/Archives/Archive257.mat
D /issm/trunk-jpl/test/Archives/Archive258.mat D /issm/trunk-jpl/test/Archives/Archive259.mat
D /issm/trunk-jpl/test/Archives/Archive260.mat D /issm/trunk-jpl/test/Archives/Archive261.mat
D /issm/trunk-jpl/test/Archives/Archive262.mat D /issm/trunk-jpl/test/Archives/Archive263.mat
D /issm/trunk-jpl/test/Archives/Archive264.mat D /issm/trunk-jpl/test/Archives/Archive265.mat
D /issm/trunk-jpl/test/Archives/Archive266.mat D /issm/trunk-jpl/test/Archives/Archive267.mat
D /issm/trunk-jpl/test/Archives/Archive268.mat D /issm/trunk-jpl/test/Archives/Archive270.mat

Export determination: 6.

Rationale: removing useless archives

Change #109 with diff file ISSM-12794-12795.diff:

Function name:

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

Export determination: 6.

Rationale: IdToName in python for 2XX

Change #110 with diff file ISSM-12795-12796.diff:

Function name:

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

Export determination: 6.

Rationale: Point to petsc dynamic library.

Change #111 with diff file ISSM-12796-12797.diff:

Function name:

M /issm/trunk-jpl/configs/config-linux64-astrid-python.sh

Export determination: 6.

Rationale: Lighter config-linux64-astrid-python.sh file.

Change #112 with diff file ISSM-12797-12798.diff:

Function name:

M /issm/trunk-jpl/externalpackages/triangle M /issm/trunk-jpl/externalpackages/triangle/install-linux64.sh

Export determination: 6.

Rationale: Added flag to unplug matlab.

Change #113 with diff file ISSM-12798-12799.diff:

Function name:

M /issm/trunk-jpl/externalpackages/lapack M /issm/trunk-jpl/externalpackages/lapack/configs/linux64/make

Export determination: 6.

Rationale: Ignore some svn files and add fPIC flag to compile.

Change #114 with diff file ISSM-12799-12800.diff:

Function name:

M /issm/trunk-jpl/externalpackages/petsc M /issm/trunk-jpl/externalpackages/petsc/install-3.2-linux64.sh

Export determination: 6.

Rationale: Ignore some svn files Enable shared memory compilation, cannot hurt right ?

Change #115 with diff file ISSM-12800-12801.diff:

Function name:

M /issm/trunk-jpl/externalpackages/blas M /issm/trunk-jpl/externalpackages/git
M /issm/trunk-jpl/externalpackages/ipython M /issm/trunk-jpl/externalpackages/mpich2
M /issm/trunk-jpl/externalpackages/nose M /issm/trunk-jpl/externalpackages/petsc
M /issm/trunk-jpl/externalpackages/python

Export determination: 6.

Rationale: Ignore some svn files.

Change #116 with diff file ISSM-12801-12802.diff:

Function name:

M /issm/trunk-jpl/bin M /issm/trunk-jpl/src/modules/matlab M /issm/trunk-jpl/src/modules/python M /issm/trunk-jpl/src/py M /issm/trunk-jpl/src/py/model

Export determination: 6.

Rationale: Ignore some svn files.

Change #117 with diff file ISSM-12802-12803.diff:

Function name:

A /issm/trunk-jpl/externalpackages/triangle/install-linux64-matlab.sh A /issm/trunk-jpl/externalpackages/triangle/install-linux64-python.sh M /issm/trunk-jpl/externalpackages/triangle/install-linux64.sh

Export determination: 6.

Rationale: one script per machine, per version, per install if needed

Change #118 with diff file ISSM-12803-12804.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive301.mat M /issm/trunk-jpl/test/Archives/Archive302.mat
M /issm/trunk-jpl/test/Archives/Archive303.mat M /issm/trunk-jpl/test/Archives/Archive304.mat
M /issm/trunk-jpl/test/Archives/Archive305.mat M /issm/trunk-jpl/test/Archives/Archive306.mat
M /issm/trunk-jpl/test/Archives/Archive307.mat M /issm/trunk-jpl/test/Archives/Archive308.mat
M /issm/trunk-jpl/test/Archives/Archive309.mat M /issm/trunk-jpl/test/Archives/Archive310.mat
M /issm/trunk-jpl/test/Archives/Archive311.mat M /issm/trunk-jpl/test/Archives/Archive312.mat
M /issm/trunk-jpl/test/Archives/Archive313.mat M /issm/trunk-jpl/test/Archives/Archive314.mat
M /issm/trunk-jpl/test/Archives/Archive315.mat M /issm/trunk-jpl/test/Archives/Archive316.mat
M /issm/trunk-jpl/test/Archives/Archive317.mat M /issm/trunk-jpl/test/Archives/Archive318.mat
M /issm/trunk-jpl/test/Archives/Archive319.mat M /issm/trunk-jpl/test/Archives/Archive320.mat
M /issm/trunk-jpl/test/Archives/Archive321.mat M /issm/trunk-jpl/test/Archives/Archive322.mat
M /issm/trunk-jpl/test/Archives/Archive323.mat M /issm/trunk-jpl/test/Archives/Archive324.mat
M /issm/trunk-jpl/test/Archives/Archive325.mat M /issm/trunk-jpl/test/Archives/Archive326.mat
M /issm/trunk-jpl/test/Archives/Archive327.mat M /issm/trunk-jpl/test/Archives/Archive328.mat
M /issm/trunk-jpl/test/Archives/Archive329.mat D /issm/trunk-jpl/test/Archives/Archive330.mat
D /issm/trunk-jpl/test/Archives/Archive331.mat D /issm/trunk-jpl/test/Archives/Archive332.mat
D /issm/trunk-jpl/test/Archives/Archive333.mat D /issm/trunk-jpl/test/Archives/Archive334.mat
D /issm/trunk-jpl/test/Archives/Archive335.mat D /issm/trunk-jpl/test/Archives/Archive336.mat
D /issm/trunk-jpl/test/Archives/Archive337.mat D /issm/trunk-jpl/test/Archives/Archive338.mat
D /issm/trunk-jpl/test/Archives/Archive339.mat D /issm/trunk-jpl/test/Archives/Archive340.mat
D /issm/trunk-jpl/test/Archives/Archive341.mat D /issm/trunk-jpl/test/Archives/Archive342.mat
D /issm/trunk-jpl/test/Archives/Archive343.mat D /issm/trunk-jpl/test/Archives/Archive344.mat
D /issm/trunk-jpl/test/Archives/Archive345.mat D /issm/trunk-jpl/test/Archives/Archive346.mat
D /issm/trunk-jpl/test/Archives/Archive347.mat D /issm/trunk-jpl/test/Archives/Archive348.mat

Function name:

[illegible]

(from /issm/trunk-jpl/test/NightlyRun/test424.m:12794) A /issm/trunk-jpl/test/NightlyRun/test413.m
 (from /issm/trunk-jpl/test/NightlyRun/test426.m:12794) R /issm/trunk-jpl/test/NightlyRun/test414.m
 (from /issm/trunk-jpl/test/NightlyRun/test428.m:12794) A /issm/trunk-jpl/test/NightlyRun/test415.m
 (from /issm/trunk-jpl/test/NightlyRun/test430.m:12794) R /issm/trunk-jpl/test/NightlyRun/test416.m
 (from /issm/trunk-jpl/test/NightlyRun/test432.m:12794) A /issm/trunk-jpl/test/NightlyRun/test417.m
 (from /issm/trunk-jpl/test/NightlyRun/test434.m:12794) R /issm/trunk-jpl/test/NightlyRun/test418.m
 (from /issm/trunk-jpl/test/NightlyRun/test436.m:12794) A /issm/trunk-jpl/test/NightlyRun/test419.m
 (from /issm/trunk-jpl/test/NightlyRun/test438.m:12794) R /issm/trunk-jpl/test/NightlyRun/test420.m
 (from /issm/trunk-jpl/test/NightlyRun/test440.m:12794) A /issm/trunk-jpl/test/NightlyRun/test421.m
 (from /issm/trunk-jpl/test/NightlyRun/test442.m:12794) R /issm/trunk-jpl/test/NightlyRun/test422.m
 (from /issm/trunk-jpl/test/NightlyRun/test444.m:12794) A /issm/trunk-jpl/test/NightlyRun/test423.m
 (from /issm/trunk-jpl/test/NightlyRun/test446.m:12794) R /issm/trunk-jpl/test/NightlyRun/test424.m
 (from /issm/trunk-jpl/test/NightlyRun/test448.m:12794) A /issm/trunk-jpl/test/NightlyRun/test425.m
 (from /issm/trunk-jpl/test/NightlyRun/test450.m:12794) R /issm/trunk-jpl/test/NightlyRun/test426.m
 (from /issm/trunk-jpl/test/NightlyRun/test452.m:12794) A /issm/trunk-jpl/test/NightlyRun/test427.m
 (from /issm/trunk-jpl/test/NightlyRun/test454.m:12794) R /issm/trunk-jpl/test/NightlyRun/test428.m
 (from /issm/trunk-jpl/test/NightlyRun/test456.m:12794) A /issm/trunk-jpl/test/NightlyRun/test429.m
 (from /issm/trunk-jpl/test/NightlyRun/test458.m:12794) R /issm/trunk-jpl/test/NightlyRun/test430.m
 (from /issm/trunk-jpl/test/NightlyRun/test460.m:12794) A /issm/trunk-jpl/test/NightlyRun/test431.m
 (from /issm/trunk-jpl/test/NightlyRun/test462.m:12794) R /issm/trunk-jpl/test/NightlyRun/test432.m
 (from /issm/trunk-jpl/test/NightlyRun/test464.m:12794) D /issm/trunk-jpl/test/NightlyRun/test434.m
 D /issm/trunk-jpl/test/NightlyRun/test436.m D /issm/trunk-jpl/test/NightlyRun/test438.m
 D /issm/trunk-jpl/test/NightlyRun/test440.m D /issm/trunk-jpl/test/NightlyRun/test442.m
 D /issm/trunk-jpl/test/NightlyRun/test444.m D /issm/trunk-jpl/test/NightlyRun/test446.m
 D /issm/trunk-jpl/test/NightlyRun/test448.m D /issm/trunk-jpl/test/NightlyRun/test450.m
 D /issm/trunk-jpl/test/NightlyRun/test452.m D /issm/trunk-jpl/test/NightlyRun/test454.m
 D /issm/trunk-jpl/test/NightlyRun/test456.m D /issm/trunk-jpl/test/NightlyRun/test458.m
 D /issm/trunk-jpl/test/NightlyRun/test460.m D /issm/trunk-jpl/test/NightlyRun/test462.m
 D /issm/trunk-jpl/test/NightlyRun/test464.m
 Export determination: 6.
 Rationale: Nightly runs 4XX

Change #120 with diff file ISSM-12805-12806.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive501.mat M /issm/trunk-jpl/test/Archives/Archive502.mat
 M /issm/trunk-jpl/test/Archives/Archive503.mat M /issm/trunk-jpl/test/Archives/Archive504.mat
 M /issm/trunk-jpl/test/Archives/Archive505.mat M /issm/trunk-jpl/test/Archives/Archive506.mat
 M /issm/trunk-jpl/test/Archives/Archive507.mat M /issm/trunk-jpl/test/Archives/Archive508.mat
 M /issm/trunk-jpl/test/Archives/Archive509.mat M /issm/trunk-jpl/test/Archives/Archive510.mat
 M /issm/trunk-jpl/test/Archives/Archive511.mat M /issm/trunk-jpl/test/Archives/Archive512.mat
 M /issm/trunk-jpl/test/Archives/Archive513.mat M /issm/trunk-jpl/test/Archives/Archive514.mat
 M /issm/trunk-jpl/test/Archives/Archive515.mat M /issm/trunk-jpl/test/Archives/Archive516.mat
 D /issm/trunk-jpl/test/Archives/Archive517.mat D /issm/trunk-jpl/test/Archives/Archive518.mat

D /issm/trunk-jpl/test/Archives/Archive519.mat D /issm/trunk-jpl/test/Archives/Archive520.mat
D /issm/trunk-jpl/test/Archives/Archive521.mat D /issm/trunk-jpl/test/Archives/Archive522.mat
D /issm/trunk-jpl/test/Archives/Archive523.mat D /issm/trunk-jpl/test/Archives/Archive524.mat
D /issm/trunk-jpl/test/Archives/Archive525.mat D /issm/trunk-jpl/test/Archives/Archive526.mat
D /issm/trunk-jpl/test/Archives/Archive527.mat D /issm/trunk-jpl/test/Archives/Archive529.mat
D /issm/trunk-jpl/test/Archives/Archive530.mat D /issm/trunk-jpl/test/Archives/Archive531.mat
D /issm/trunk-jpl/test/Archives/Archive532.mat M /issm/trunk-jpl/test/NightlyRun/IdToName.m
M /issm/trunk-jpl/test/NightlyRun/IdToName.py A /issm/trunk-jpl/test/NightlyRun/test501.m
(from /issm/trunk-jpl/test/NightlyRun/test502.m:12794) R /issm/trunk-jpl/test/NightlyRun/test502.m
(from /issm/trunk-jpl/test/NightlyRun/test504.m:12794) A /issm/trunk-jpl/test/NightlyRun/test503.m
(from /issm/trunk-jpl/test/NightlyRun/test506.m:12794) R /issm/trunk-jpl/test/NightlyRun/test504.m
(from /issm/trunk-jpl/test/NightlyRun/test508.m:12794) A /issm/trunk-jpl/test/NightlyRun/test505.m
(from /issm/trunk-jpl/test/NightlyRun/test510.m:12794) R /issm/trunk-jpl/test/NightlyRun/test506.m
(from /issm/trunk-jpl/test/NightlyRun/test512.m:12794) A /issm/trunk-jpl/test/NightlyRun/test507.m
(from /issm/trunk-jpl/test/NightlyRun/test514.m:12794) R /issm/trunk-jpl/test/NightlyRun/test508.m
(from /issm/trunk-jpl/test/NightlyRun/test516.m:12794) A /issm/trunk-jpl/test/NightlyRun/test509.m
(from /issm/trunk-jpl/test/NightlyRun/test518.m:12794) R /issm/trunk-jpl/test/NightlyRun/test510.m
(from /issm/trunk-jpl/test/NightlyRun/test520.m:12794) A /issm/trunk-jpl/test/NightlyRun/test511.m
(from /issm/trunk-jpl/test/NightlyRun/test522.m:12794) R /issm/trunk-jpl/test/NightlyRun/test512.m
(from /issm/trunk-jpl/test/NightlyRun/test524.m:12794) A /issm/trunk-jpl/test/NightlyRun/test513.m
(from /issm/trunk-jpl/test/NightlyRun/test526.m:12794) R /issm/trunk-jpl/test/NightlyRun/test514.m
(from /issm/trunk-jpl/test/NightlyRun/test527.m:12794) A /issm/trunk-jpl/test/NightlyRun/test515.m
(from /issm/trunk-jpl/test/NightlyRun/test530.m:12794) R /issm/trunk-jpl/test/NightlyRun/test516.m
(from /issm/trunk-jpl/test/NightlyRun/test532.m:12794) D /issm/trunk-jpl/test/NightlyRun/test518.m
D /issm/trunk-jpl/test/NightlyRun/test520.m D /issm/trunk-jpl/test/NightlyRun/test522.m
D /issm/trunk-jpl/test/NightlyRun/test524.m D /issm/trunk-jpl/test/NightlyRun/test526.m
D /issm/trunk-jpl/test/NightlyRun/test527.m D /issm/trunk-jpl/test/NightlyRun/test530.m
D /issm/trunk-jpl/test/NightlyRun/test532.m

Export determination: 6.

Rationale: Nightly Runs 5XX

Change #121 with diff file ISSM-12806-12807.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive601.mat M /issm/trunk-jpl/test/Archives/Archive602.mat
M /issm/trunk-jpl/test/Archives/Archive603.mat M /issm/trunk-jpl/test/Archives/Archive604.mat
M /issm/trunk-jpl/test/Archives/Archive605.mat M /issm/trunk-jpl/test/Archives/Archive606.mat
M /issm/trunk-jpl/test/Archives/Archive607.mat M /issm/trunk-jpl/test/Archives/Archive608.mat
M /issm/trunk-jpl/test/Archives/Archive609.mat M /issm/trunk-jpl/test/Archives/Archive610.mat
M /issm/trunk-jpl/test/Archives/Archive611.mat M /issm/trunk-jpl/test/Archives/Archive612.mat
M /issm/trunk-jpl/test/Archives/Archive613.mat D /issm/trunk-jpl/test/Archives/Archive614.mat
D /issm/trunk-jpl/test/Archives/Archive615.mat D /issm/trunk-jpl/test/Archives/Archive616.mat
D /issm/trunk-jpl/test/Archives/Archive617.mat D /issm/trunk-jpl/test/Archives/Archive618.mat
D /issm/trunk-jpl/test/Archives/Archive619.mat D /issm/trunk-jpl/test/Archives/Archive620.mat

D /issm/trunk-jpl/test/Archives/Archive621.mat D /issm/trunk-jpl/test/Archives/Archive622.mat
 D /issm/trunk-jpl/test/Archives/Archive623.mat D /issm/trunk-jpl/test/Archives/Archive624.mat
 D /issm/trunk-jpl/test/Archives/Archive625.mat D /issm/trunk-jpl/test/Archives/Archive626.mat
 M /issm/trunk-jpl/test/NightlyRun/IdToName.m M /issm/trunk-jpl/test/NightlyRun/IdToName.py
 A /issm/trunk-jpl/test/NightlyRun/test601.m (from /issm/trunk-jpl/test/NightlyRun/test602.m:12794)
 R /issm/trunk-jpl/test/NightlyRun/test602.m (from /issm/trunk-jpl/test/NightlyRun/test604.m:12794)
 A /issm/trunk-jpl/test/NightlyRun/test603.m (from /issm/trunk-jpl/test/NightlyRun/test606.m:12794)
 R /issm/trunk-jpl/test/NightlyRun/test604.m (from /issm/trunk-jpl/test/NightlyRun/test608.m:12794)
 A /issm/trunk-jpl/test/NightlyRun/test605.m (from /issm/trunk-jpl/test/NightlyRun/test610.m:12794)
 R /issm/trunk-jpl/test/NightlyRun/test606.m (from /issm/trunk-jpl/test/NightlyRun/test612.m:12794)
 A /issm/trunk-jpl/test/NightlyRun/test607.m (from /issm/trunk-jpl/test/NightlyRun/test614.m:12794)
 R /issm/trunk-jpl/test/NightlyRun/test608.m (from /issm/trunk-jpl/test/NightlyRun/test616.m:12794)
 A /issm/trunk-jpl/test/NightlyRun/test609.m (from /issm/trunk-jpl/test/NightlyRun/test618.m:12794)
 R /issm/trunk-jpl/test/NightlyRun/test610.m (from /issm/trunk-jpl/test/NightlyRun/test620.m:12794)
 A /issm/trunk-jpl/test/NightlyRun/test611.m (from /issm/trunk-jpl/test/NightlyRun/test622.m:12794)
 R /issm/trunk-jpl/test/NightlyRun/test612.m (from /issm/trunk-jpl/test/NightlyRun/test624.m:12794)
 A /issm/trunk-jpl/test/NightlyRun/test613.m (from /issm/trunk-jpl/test/NightlyRun/test626.m:12794)
 D /issm/trunk-jpl/test/NightlyRun/test614.m D /issm/trunk-jpl/test/NightlyRun/test616.m
 D /issm/trunk-jpl/test/NightlyRun/test618.m D /issm/trunk-jpl/test/NightlyRun/test620.m
 D /issm/trunk-jpl/test/NightlyRun/test622.m D /issm/trunk-jpl/test/NightlyRun/test624.m
 D /issm/trunk-jpl/test/NightlyRun/test626.m

Export determination: 6.

Rationale: Nightly Runs 6XX

Change #122 with diff file ISSM-12807-12808.diff:

Function name:

A /issm/trunk-jpl/test/Archives/Archive231.mat

Export determination: 6.

Rationale: missing archive

Change #123 with diff file ISSM-12808-12809.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive110.mat M /issm/trunk-jpl/test/Archives/Archive111.mat

M /issm/trunk-jpl/test/NightlyRun/test110.m M /issm/trunk-jpl/test/NightlyRun/test111.m

Export determination: 6.

Rationale: NEW: added IceVolume checks in NR

Change #124 with diff file ISSM-12809-12810.diff:

Function name:

A /issm/trunk-jpl/src/m/enum/SurfaceforcingsTemperaturesLgmEnum.m A /issm/trunk-jpl/src/m/enum/SurfaceforcingsTemperaturesPresentdayEnum.m

Export determination: 6.

Rationale: enum for delta18o

Change #125 with diff file ISSM-12810-12811.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test111.m

Export determination: 6.

Rationale: minor

Change #126 with diff file ISSM-12811-12812.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test1107.m M /issm/trunk-jpl/test/NightlyRun/test1108.m

M /issm/trunk-jpl/test/NightlyRun/test307.m

Export determination: 6.

Rationale: minor

Change #127 with diff file ISSM-12812-12813.diff:

Function name:

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

Export determination: 6.

Rationale: convert time from years to seconds

Change #128 with diff file ISSM-12813-12814.diff:

Function name:

A /issm/trunk-jpl/externalpackages/petsc/install-3.2-linux64-python.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.2-linux64.sh

Export determination: 6.

Rationale: Reverting install-3.2-linux64.sh to shared=0, because of Matlab bug which does not like sharing blacs, blas and lapack with petsc! Now, for python install, we do need shared libraries in Petsc, so created a new file install-3.2-linux64-python.sh for this particular compile.

Change #129 with diff file ISSM-12814-12815.diff:

Function name:

M /issm/trunk-jpl/externalpackages/petsc/install-3.2-linux64.sh

Export determination: 6.

Rationale: Reactivating shared libraries by default. Will test whether this creates problems for Matlab mex. Will revert if so. This is to help compilation of Python modules, which are dynamic in nature, and cannot resolve Petsc symbols when Petsc is compiled in static mode.

Change #130 with diff file ISSM-12815-12816.diff:

Function name:

D /issm/trunk-jpl/externalpackages/triangle/install-linux64-matlab.sh D /issm/trunk-jpl/externalpackages/triangle/install-linux64-python.sh M /issm/trunk-jpl/externalpackages/triangle/install-linux64.sh M /issm/trunk-jpl/externalpackages/triangle/triangle.c.patch D /issm/trunk-jpl/externalpackages/triangle/triangle.c.patch.matlab D /issm/trunk-jpl/externalpackages/triangle/triangle.c.

Export determination: 6.

Rationale: CHG: use common patch for matlab and python. Do not use mxFree and mxMalloc. Matlab's API is used by WriteData

Change #131 with diff file ISSM-12816-12817.diff:

Function name:

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

Export determination: 6.

Rationale: Added install-3.3-macosx64.sh and use shared libraries for compatibility with Python

Change #132 with diff file ISSM-12817-12818.diff:

Function name:

M /issm/trunk-jpl/externalpackages/triangle/install-linux64.sh

Export determination: 6.

Rationale: Linux64 compile with matlab or python support.

Change #133 with diff file ISSM-12818-12819.diff:

Function name:

M /issm/trunk-jpl/externalpackages/triangle/install-linux64.sh

Export determination: 6.

Rationale: Reverting

Change #134 with diff file ISSM-12819-12820.diff:

Function name:

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

Export determination: 6.

Rationale: Fix newly introduced errors in IdToName.py.

Change #135 with diff file ISSM-12820-12821.diff:

Function name:

A /issm/trunk-jpl/src/c/classes

Export determination: 6.

Rationale: New classes directory, where all our C++ objects will end up

Change #136 with diff file ISSM-12821-12822.diff:

Function name:

A /issm/trunk-jpl/src/c/classes/DofIndexing.cpp (from /issm/trunk-jpl/src/c/objects/DofIndexing.cpp:12820)

A /issm/trunk-jpl/src/c/classes/DofIndexing.h (from /issm/trunk-jpl/src/c/objects/DofIndexing.h:12820)

A /issm/trunk-jpl/src/c/classes/FemModel.cpp (from /issm/trunk-jpl/src/c/objects/FemModel.cpp:12820)

A /issm/trunk-jpl/src/c/classes/FemModel.h (from /issm/trunk-jpl/src/c/objects/FemModel.h:12820)

A /issm/trunk-jpl/src/c/classes/Hook.cpp (from /issm/trunk-jpl/src/c/objects/Hook.cpp:12820)

A /issm/trunk-jpl/src/c/classes/Hook.h (from /issm/trunk-jpl/src/c/objects/Hook.h:12820)

A /issm/trunk-jpl/src/c/classes/Patch.cpp (from /issm/trunk-jpl/src/c/objects/Patch.cpp:12820)

A /issm/trunk-jpl/src/c/classes/Patch.h (from /issm/trunk-jpl/src/c/objects/Patch.h:12820)

A /issm/trunk-jpl/src/c/classes/Update.h (from /issm/trunk-jpl/src/c/objects/Update.h:12820)

A /issm/trunk-jpl/src/c/classes/bamg A /issm/trunk-jpl/src/c/classes/bamg/AdjacentTriangle.cpp

(from /issm/trunk-jpl/src/c/objects/Bamg/AdjacentTriangle.cpp:12820) A /issm/trunk-jpl/src/c/classes/bamg/AdjacentTriangle.h (from /issm/trunk-jpl/src/c/objects/Bamg/AdjacentTriangle.h:12820)

A /issm/trunk-jpl/src/c/classes/bamg/BamgGeom.cpp (from /issm/trunk-jpl/src/c/objects/Bamg/BamgGeom.cpp:12820)

A /issm/trunk-jpl/src/c/classes/bamg/BamgGeom.h (from /issm/trunk-jpl/src/c/objects/Bamg/BamgGeom.h:12820)

A /issm/trunk-jpl/src/c/classes/bamg/BamgMesh.cpp (from /issm/trunk-jpl/src/c/objects/Bamg/BamgMesh.cpp:12820)

A /issm/trunk-jpl/src/c/classes/bamg/BamgMesh.h (from /issm/trunk-jpl/src/c/objects/Bamg/BamgMesh.h:12820)

A /issm/trunk-jpl/src/c/classes/bamg/BamgOpts.cpp (from /issm/trunk-jpl/src/c/objects/Bamg/BamgOpts.cpp:12820)

A /issm/trunk-jpl/src/c/classes/bamg/BamgOpts.h (from /issm/trunk-jpl/src/c/objects/Bamg/BamgOpts.h:12820)

A /issm/trunk-jpl/src/c/classes/bamg/BamgQuadtree.cpp (from /issm/trunk-jpl/src/c/objects/Bamg/BamgQuadtree.cpp:12820) A /issm/trunk-jpl/src/c/classes/bamg/BamgQuadtree.h (from /issm/trunk-jpl/src/c/objects/Bamg/BamgQuadtree.h:12820)

(from /issm/trunk-jpl/src/c/objects/Bamg/BamgQuadtree.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/BamgVertex.cpp (from /issm/trunk-jpl/src/c/objects/Bamg/BamgVertex.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/BamgVertex.h (from /issm/trunk-jpl/src/c/objects/Bamg/BamgVertex.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/CrackedEdge.cpp (from /issm/trunk-jpl/src/c/objects/Bamg/CrackedEdge.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/CrackedEdge.h (from /issm/trunk-jpl/src/c/objects/Bamg/CrackedEdge.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/Curve.cpp (from /issm/trunk-jpl/src/c/objects/Bamg/Curve.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/Curve.h (from /issm/trunk-jpl/src/c/objects/Bamg/Curve.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/Direction.cpp (from /issm/trunk-jpl/src/c/objects/Bamg/Direction.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/Direction.h (from /issm/trunk-jpl/src/c/objects/Bamg/Direction.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/DoubleAndInt.h (from /issm/trunk-jpl/src/c/objects/Bamg/DoubleAndInt.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/Edge.cpp (from /issm/trunk-jpl/src/c/objects/Bamg/Edge.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/Edge.h (from /issm/trunk-jpl/src/c/objects/Bamg/Edge.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/EigenMetric.cpp (from /issm/trunk-jpl/src/c/objects/Bamg/EigenMetric.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/GeomEdge.cpp (from /issm/trunk-jpl/src/c/objects/Bamg/GeomEdge.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/GeomEdge.h (from /issm/trunk-jpl/src/c/objects/Bamg/GeomEdge.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/GeomSubDomain.cpp (from /issm/trunk-jpl/src/c/objects/Bamg/GeomSubDomain.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/GeomSubDomain.h (from /issm/trunk-jpl/src/c/objects/Bamg/GeomSubDomain.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/GeomVertex.cpp (from /issm/trunk-jpl/src/c/objects/Bamg/GeomVertex.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/GeomVertex.h (from /issm/trunk-jpl/src/c/objects/Bamg/GeomVertex.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/Geometry.cpp (from /issm/trunk-jpl/src/c/objects/Bamg/Geometry.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/Geometry.h (from /issm/trunk-jpl/src/c/objects/Bamg/Geometry.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/ListofIntersectionTriangles.cpp (from /issm/trunk-jpl/src/c/objects/Bamg/ListofIntersectionTriangles.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/ListofIntersectionTriangles.h (from /issm/trunk-jpl/src/c/objects/Bamg/ListofIntersectionTriangles.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/Mesh.cpp (from /issm/trunk-jpl/src/c/objects/Bamg/Mesh.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/Mesh.h (from /issm/trunk-jpl/src/c/objects/Bamg/Mesh.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/Metric.cpp (from /issm/trunk-jpl/src/c/objects/Bamg/Metric.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/Metric.h (from /issm/trunk-jpl/src/c/objects/Bamg/Metric.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/R2.h (from /issm/trunk-jpl/src/c/objects/Bamg/R2.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/SetOfE4.cpp (from /issm/trunk-jpl/src/c/objects/Bamg/SetOfE4.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/SetOfE4.h (from /issm/trunk-jpl/src/c/objects/Bamg/SetOfE4.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/SubDomain.cpp (from /issm/trunk-jpl/src/c/objects/Bamg/SubDomain.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/SubDomain.h (from /issm/trunk-jpl/src/c/objects/Bamg/SubDomain.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/Triangle.cpp (from /issm/trunk-jpl/src/c/objects/Bamg/Triangle.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/Triangle.h (from /issm/trunk-jpl/src/c/objects/Bamg/Triangle.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/VertexOnEdge.cpp (from /issm/trunk-jpl/src/c/objects/Bamg/VertexOnEdge.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/VertexOnEdge.h (from /issm/trunk-jpl/src/c/objects/Bamg/VertexOnEdge.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/VertexOnGeom.cpp (from /issm/trunk-jpl/src/c/objects/Bamg/VertexOnGeom.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/VertexOnGeom.h (from /issm/trunk-jpl/src/c/objects/Bamg/VertexOnGeom.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/VertexOnVertex.cpp (from /issm/trunk-jpl/src/c/objects/Bamg/VertexOnVertex.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/VertexOnVertex.h (from /issm/trunk-jpl/src/c/objects/Bamg/VertexOnVertex.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/include.h (from /issm/trunk-jpl/src/c/objects/Bamg/include.h:12820) A /issm/trunk-jpl/src/c/classes/bamg/macros.h (from /issm/trunk-jpl/src/c/objects/Bamg/macros.h:12820)

A /issm/trunk-jpl/src/c/classes/bamg/typedefs.h (from /issm/trunk-jpl/src/c/objects/Bamg/typedefs.h:12820)
A /issm/trunk-jpl/src/c/classes/dakota A /issm/trunk-jpl/src/c/classes/dakota/DakotaPlugin.cpp
(from /issm/trunk-jpl/src/c/objects/DakotaPlugin.cpp:12820) A /issm/trunk-jpl/src/c/classes/dakota/DakotaPlugin.h (from /issm/trunk-jpl/src/c/objects/DakotaPlugin.h:12820)
A /issm/trunk-jpl/src/c/classes/kriging A /issm/trunk-jpl/src/c/classes/kriging/ExponentialVariogram.cpp
(from /issm/trunk-jpl/src/c/objects/Kriging/ExponentialVariogram.cpp:12820)
A /issm/trunk-jpl/src/c/classes/kriging/ExponentialVariogram.h (from /issm/trunk-jpl/src/c/objects/Kriging/ExponentialVariogram.h:12820) A /issm/trunk-jpl/src/c/classes/kriging/GaussianVariogram.cpp
(from /issm/trunk-jpl/src/c/objects/Kriging/GaussianVariogram.cpp:12820) A /issm/trunk-jpl/src/c/classes/kriging/GaussianVariogram.h (from /issm/trunk-jpl/src/c/objects/Kriging/GaussianVariogram.h:12820) A /issm/trunk-jpl/src/c/classes/kriging/Observation.cpp
(from /issm/trunk-jpl/src/c/objects/Kriging/Observation.cpp:12820) A /issm/trunk-jpl/src/c/classes/kriging/Observation.h (from /issm/trunk-jpl/src/c/objects/Kriging/Observation.h:12820)
A /issm/trunk-jpl/src/c/classes/kriging/PowerVariogram.cpp (from /issm/trunk-jpl/src/c/objects/Kriging/PowerVariogram.cpp:12820) A /issm/trunk-jpl/src/c/classes/kriging/PowerVariogram.h (from /issm/trunk-jpl/src/c/objects/Kriging/PowerVariogram.h:12820) A /issm/trunk-jpl/src/c/classes/kriging/Quadtree.cpp
(from /issm/trunk-jpl/src/c/objects/Kriging/Quadtree.cpp:12820) A /issm/trunk-jpl/src/c/classes/kriging/Quadtree.h (from /issm/trunk-jpl/src/c/objects/Kriging/Quadtree.h:12820) A /issm/trunk-jpl/src/c/classes/kriging/SphericalVariogram.cpp
(from /issm/trunk-jpl/src/c/objects/Kriging/SphericalVariogram.cpp:12820) A /issm/trunk-jpl/src/c/classes/kriging/SphericalVariogram.h (from /issm/trunk-jpl/src/c/objects/Kriging/SphericalVariogram.h:12820) A /issm/trunk-jpl/src/c/classes/kriging/Variogram.h (from /issm/trunk-jpl/src/c/objects/Kriging/Variogram.h:12820)
A /issm/trunk-jpl/src/c/classes/matrix A /issm/trunk-jpl/src/c/classes/matrix/ElementMatrix.cpp
(from /issm/trunk-jpl/src/c/objects/Numerics/ElementMatrix.cpp:12820) A /issm/trunk-jpl/src/c/classes/matrix/ElementMatrix.h (from /issm/trunk-jpl/src/c/objects/Numerics/ElementMatrix.h:12820) A /issm/trunk-jpl/src/c/classes/matrix/ElementVector.cpp
(from /issm/trunk-jpl/src/c/objects/Numerics/ElementVector.cpp:12820) A /issm/trunk-jpl/src/c/classes/matrix/ElementVector.h (from /issm/trunk-jpl/src/c/objects/Numerics/ElementVector.h:12820) A /issm/trunk-jpl/src/c/classes/matrix/Matrix.cpp
(from /issm/trunk-jpl/src/c/objects/Numerics/Matrix.cpp:12820) A /issm/trunk-jpl/src/c/classes/matrix/Matrix.h (from /issm/trunk-jpl/src/c/objects/Numerics/Matrix.h:12820) A /issm/trunk-jpl/src/c/classes/matrix/Vector.cpp
(from /issm/trunk-jpl/src/c/objects/Numerics/Vector.cpp:12820) A /issm/trunk-jpl/src/c/classes/matrix/Vector.h (from /issm/trunk-jpl/src/c/objects/Numerics/Vector.h:12820) A /issm/trunk-jpl/src/c/classes/objects A /issm/trunk-jpl/src/c/classes/objects/Contour.cpp
(from /issm/trunk-jpl/src/c/objects/Contour.cpp:12820) A /issm/trunk-jpl/src/c/classes/objects/Contour.h (from /issm/trunk-jpl/src/c/objects/Contour.h:12820) A /issm/trunk-jpl/src/c/classes/objects/Node.cpp
(from /issm/trunk-jpl/src/c/objects/Node.cpp:12820) A /issm/trunk-jpl/src/c/classes/objects/Node.h (from /issm/trunk-jpl/src/c/objects/Node.h:12820) A /issm/trunk-jpl/src/c/classes/objects/Object.h (from /issm/trunk-jpl/src/c/objects/Object.h:12820) A /issm/trunk-jpl/src/c/classes/objects/Segment.cpp
(from /issm/trunk-jpl/src/c/objects/Segment.cpp:12820) A /issm/trunk-jpl/src/c/classes/objects/Segment.h (from /issm/trunk-jpl/src/c/objects/Segment.h:12820) A /issm/trunk-jpl/src/c/classes/objects/Vertex.cpp
(from /issm/trunk-jpl/src/c/objects/Vertex.cpp:12820) A /issm/trunk-jpl/src/c/classes/objects/Vertex.h (from /issm/trunk-jpl/src/c/objects/Vertex.h:12820) A /issm/trunk-jpl/src/c/objects/objects.h:12820) D /issm/trunk-jpl/src/c/objects/Bamg
D /issm/trunk-jpl/src/c/objects/Contour.cpp D /issm/trunk-jpl/src/c/objects/Contour.h
D /issm/trunk-jpl/src/c/objects/DakotaPlugin.cpp D /issm/trunk-jpl/src/c/objects/DakotaPlugin.h
D /issm/trunk-jpl/src/c/objects/DofIndexing.cpp D /issm/trunk-jpl/src/c/objects/DofIndexing.h

D /issm/trunk-jpl/src/c/objects/FemModel.cpp D /issm/trunk-jpl/src/c/objects/FemModel.h
D /issm/trunk-jpl/src/c/objects/Hook.cpp D /issm/trunk-jpl/src/c/objects/Hook.h
D /issm/trunk-jpl/src/c/objects/Kriging D /issm/trunk-jpl/src/c/objects/Node.cpp
D /issm/trunk-jpl/src/c/objects/Node.h D /issm/trunk-jpl/src/c/objects/Numerics/ElementMatrix.cpp
D /issm/trunk-jpl/src/c/objects/Numerics/ElementMatrix.h D /issm/trunk-jpl/src/c/objects/Numerics/ElementVector.h
D /issm/trunk-jpl/src/c/objects/Numerics/ElementVector.h D /issm/trunk-jpl/src/c/objects/Numerics/Matrix.h
D /issm/trunk-jpl/src/c/objects/Numerics/Matrix.h D /issm/trunk-jpl/src/c/objects/Numerics/Vector.cpp
D /issm/trunk-jpl/src/c/objects/Numerics/Vector.h D /issm/trunk-jpl/src/c/objects/Object.h
D /issm/trunk-jpl/src/c/objects/Patch.cpp D /issm/trunk-jpl/src/c/objects/Patch.h
D /issm/trunk-jpl/src/c/objects/Segment.cpp D /issm/trunk-jpl/src/c/objects/Segment.h
D /issm/trunk-jpl/src/c/objects/Update.h D /issm/trunk-jpl/src/c/objects/Vertex.cpp
D /issm/trunk-jpl/src/c/objects/Vertex.h D /issm/trunk-jpl/src/c/objects/objects.h
Export determination: 6.
Rationale: Started migration from objects to classes

Change #137 with diff file ISSM-12822-12823.diff:

Function name:

A /issm/trunk-jpl/src/c/classes/IoModel.cpp (from /issm/trunk-jpl/src/c/objects/IoModel.cpp:12820)
A /issm/trunk-jpl/src/c/classes/IoModel.h (from /issm/trunk-jpl/src/c/objects/IoModel.h:12820)
A /issm/trunk-jpl/src/c/classes/OptArgs.h (from /issm/trunk-jpl/src/c/objects/OptArgs.h:12820)
A /issm/trunk-jpl/src/c/classes/OptPars.h (from /issm/trunk-jpl/src/c/objects/OptPars.h:12820)
A /issm/trunk-jpl/src/c/classes/gauss A /issm/trunk-jpl/src/c/classes/gauss/GaussPenta.cpp
(from /issm/trunk-jpl/src/c/objects/Gauss/GaussPenta.cpp:12820) A /issm/trunk-jpl/src/c/classes/gauss/GaussPenta.h
(from /issm/trunk-jpl/src/c/objects/Gauss/GaussPenta.h:12820)
A /issm/trunk-jpl/src/c/classes/gauss/GaussTria.cpp (from /issm/trunk-jpl/src/c/objects/Gauss/GaussTria.h:12820)
A /issm/trunk-jpl/src/c/classes/gauss/GaussTria.h (from /issm/trunk-jpl/src/c/objects/Gauss/GaussTria.h:12820)
A /issm/trunk-jpl/src/c/classes/objects/Constraints (from /issm/trunk-jpl/src/c/objects/Constraints:12820)
A /issm/trunk-jpl/src/c/classes/objects/ElementResults (from /issm/trunk-jpl/src/c/objects/ElementResults:12820)
A /issm/trunk-jpl/src/c/classes/objects/Elements (from /issm/trunk-jpl/src/c/objects/Elements:12820)
A /issm/trunk-jpl/src/c/classes/objects/ExternalResults (from /issm/trunk-jpl/src/c/objects/ExternalResults:12820)
A /issm/trunk-jpl/src/c/classes/objects/Inputs (from /issm/trunk-jpl/src/c/objects/Inputs:12820)
A /issm/trunk-jpl/src/c/classes/objects/KML (from /issm/trunk-jpl/src/c/objects/KML:12820)
A /issm/trunk-jpl/src/c/classes/objects/Loads (from /issm/trunk-jpl/src/c/objects/Loads:12820)
A /issm/trunk-jpl/src/c/classes/objects/Materials (from /issm/trunk-jpl/src/c/objects/Materials:12820)
A /issm/trunk-jpl/src/c/classes/objects/Options (from /issm/trunk-jpl/src/c/objects/Options:12820)
A /issm/trunk-jpl/src/c/classes/objects/Params (from /issm/trunk-jpl/src/c/objects/Params:12820)
D /issm/trunk-jpl/src/c/objects/Constraints D /issm/trunk-jpl/src/c/objects/ElementResults
D /issm/trunk-jpl/src/c/objects/Elements D /issm/trunk-jpl/src/c/objects/ExternalResults
D /issm/trunk-jpl/src/c/objects/Gauss/GaussPenta.cpp D /issm/trunk-jpl/src/c/objects/Gauss/GaussPenta.h
D /issm/trunk-jpl/src/c/objects/Gauss/GaussTria.cpp D /issm/trunk-jpl/src/c/objects/Gauss/GaussTria.h
D /issm/trunk-jpl/src/c/objects/Inputs D /issm/trunk-jpl/src/c/objects/IoModel.cpp
D /issm/trunk-jpl/src/c/objects/IoModel.h D /issm/trunk-jpl/src/c/objects/KML
D /issm/trunk-jpl/src/c/objects/Loads D /issm/trunk-jpl/src/c/objects/Materials

D /issm/trunk-jpl/src/c/objects/OptArgs.h D /issm/trunk-jpl/src/c/objects/OptPars.h
D /issm/trunk-jpl/src/c/objects/Options D /issm/trunk-jpl/src/c/objects/Params
Export determination: 6.
Rationale: More migration from objects to classes

Change #138 with diff file ISSM-12823-12824.diff:
Function name:
M /issm/trunk-jpl/externalpackages/triangle/install-macosx64.sh
Export determination: 6.
Rationale: updated macosx64 install script

Change #139 with diff file ISSM-12824-12825.diff:
Function name:
M /issm/trunk-jpl/externalpackages/python/install-2.7.2-macosx-lion.sh
Export determination: 6.
Rationale: fixed path for patches at end of install

Change #140 with diff file ISSM-12825-12826.diff:
Function name:
M /issm/trunk-jpl/externalpackages/scipy/install-linux64.sh
Export determination: 6.
Rationale: added test runs to confirm scipy/numpy installation

Change #141 with diff file ISSM-12826-12827.diff:
Function name:
A /issm/trunk-jpl/externalpackages/nose/install-linux64.sh
Export determination: 6.
Rationale: added nose install script for linux64

Change #142 with diff file ISSM-12827-12828.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/clusters/generic.py M /issm/trunk-jpl/src/m/classes/pairoptions.py
M /issm/trunk-jpl/src/m/model/MatlabProcessPatch.py M /issm/trunk-jpl/src/m/model/WriteData.py

M /issm/trunk-jpl/src/m/model/ismodelselfconsistent.py M /issm/trunk-jpl/src/m/model/loadresultsfromclu
M /issm/trunk-jpl/src/m/model/loadresultsfromdisk.py M /issm/trunk-jpl/src/m/model/marshall.py
M /issm/trunk-jpl/src/m/model/petscversion.py M /issm/trunk-jpl/src/m/model/process_solve_options.py
M /issm/trunk-jpl/src/m/model/solve.py M /issm/trunk-jpl/src/m/model/waitonlock.py
M /issm/trunk-jpl/src/m/Utils/Cluster/parallellrange.py M /issm/trunk-jpl/src/m/Utils/OS/ismumps.py
M /issm/trunk-jpl/src/m/Utils/OS/ispetsc.py M /issm/trunk-jpl/src/m/Utils/OS/issmscpin.py
M /issm/trunk-jpl/src/m/Utils/OS/issmscpout.py M /issm/trunk-jpl/src/m/Utils/OS/issmssh.py
M /issm/trunk-jpl/src/m/Utils/Shell/issmdir.py

Export determination: 6.

Rationale: Fixed docstrings so that ipython could use them.

Change #143 with diff file ISSM-12828-12829.diff:

Function name:

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

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

Export determination: 6.

Rationale: Fixed docstrings so that ipython could use them.

Change #144 with diff file ISSM-12829-12830.diff:

Function name:

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

Export determination: 6.

Rationale: check size of requested_outputs in transient class

Change #145 with diff file ISSM-12830-12831.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/InterpFromMeshToMesh2dx/InterpFromMeshToMesh2dx.cpp

M /issm/trunk-jpl/src/c/modules/InterpFromMeshToMesh2dx/InterpFromMeshToMesh2dx.h

Export determination: 6.

Rationale: some fix

Change #146 with diff file ISSM-12831-12832.diff:

Function name:

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

Export determination: 6.

Rationale: Display table only if installation worked

Change #147 with diff file ISSM-12832-12833.diff:

Function name:

```
M /issm/trunk-jpl/externalpackages/ipython/install.sh M /issm/trunk-jpl/externalpackages/python/install-
2.7.2-macosx-lion.sh M /issm/trunk-jpl/externalpackages/python/patches/pyport.h.patch
M /issm/trunk-jpl/src/c/Container/DataSet.cpp M /issm/trunk-jpl/src/c/Container/DataSet.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/FemModel.cpp M /issm/trunk-jpl/src/c/classes/FemModel.h
M /issm/trunk-jpl/src/c/classes/Hook.cpp M /issm/trunk-jpl/src/c/classes/Hook.h
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/BamgQuadtree.h A /issm/trunk-jpl/src/c/classes/bamg/bamgobjects.
A /issm/trunk-jpl/src/c/classes/classes.h M /issm/trunk-jpl/src/c/classes/dakota/DakotaPlugin.h
M /issm/trunk-jpl/src/c/classes/gauss/GaussPenta.cpp M /issm/trunk-jpl/src/c/classes/gauss/GaussTria.cpp
A /issm/trunk-jpl/src/c/classes/gauss/gaussobjects.h M /issm/trunk-jpl/src/c/classes/kriging/GaussianVari
M /issm/trunk-jpl/src/c/classes/kriging/Observation.h M /issm/trunk-jpl/src/c/classes/kriging/Variogram.h
A /issm/trunk-jpl/src/c/classes/kriging/krigingobjects.h M /issm/trunk-jpl/src/c/classes/matrix/ElementMa
M /issm/trunk-jpl/src/c/classes/matrix/ElementMatrix.h M /issm/trunk-jpl/src/c/classes/matrix/ElementVe
M /issm/trunk-jpl/src/c/classes/matrix/ElementVector.h M /issm/trunk-jpl/src/c/classes/matrix/Matrix.cpp
M /issm/trunk-jpl/src/c/classes/matrix/Vector.cpp A /issm/trunk-jpl/src/c/classes/matrix/matrixobjects.h
M /issm/trunk-jpl/src/c/classes/objects/Constraints/Constraint.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 M /issm/trunk-
jpl/src/c/classes/objects/Contour.cpp M /issm/trunk-jpl/src/c/classes/objects/Contour.h
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/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/PentaHook.cpp 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/
M /issm/trunk-jpl/src/c/classes/objects/Elements/TriaRef.cpp M /issm/trunk-
jpl/src/c/classes/objects/ExternalResults/BoolExternalResult.cpp M /issm/trunk-
jpl/src/c/classes/objects/ExternalResults/BoolExternalResult.h M /issm/trunk-
jpl/src/c/classes/objects/ExternalResults/DoubleExternalResult.cpp M /issm/trunk-
jpl/src/c/classes/objects/ExternalResults/DoubleExternalResult.h M /issm/trunk-
jpl/src/c/classes/objects/ExternalResults/DoubleMatExternalResult.cpp M /issm/trunk-
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jpl/src/c/classes/objects/ExternalResults/DoubleMatExternalResult.h M /issm/trunk-
jpl/src/c/classes/objects/ExternalResults/DoubleVecExternalResult.cpp M /issm/trunk-
jpl/src/c/classes/objects/ExternalResults/DoubleVecExternalResult.h M /issm/trunk-
jpl/src/c/classes/objects/ExternalResults/IntExternalResult.cpp M /issm/trunk-
jpl/src/c/classes/objects/ExternalResults/IntExternalResult.h M /issm/trunk-
jpl/src/c/classes/objects/ExternalResults/PetscVecExternalResult.cpp M /issm/trunk-
jpl/src/c/classes/objects/ExternalResults/PetscVecExternalResult.h M /issm/trunk-
jpl/src/c/classes/objects/ExternalResults/StringExternalResult.cpp M /issm/trunk-
jpl/src/c/classes/objects/ExternalResults/StringExternalResult.h M /issm/trunk-
jpl/src/c/classes/objects/Inputs/BoolInput.cpp M /issm/trunk-jpl/src/c/classes/objects/Inputs/BoolInput.h
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
M /issm/trunk-jpl/src/c/classes/objects/Inputs/DatasetInput.h M /issm/trunk-
jpl/src/c/classes/objects/Inputs/DoubleInput.cpp M /issm/trunk-jpl/src/c/classes/objects/Inputs/DoubleInput
M /issm/trunk-jpl/src/c/classes/objects/Inputs/IntInput.cpp M /issm/trunk-
jpl/src/c/classes/objects/Inputs/IntInput.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/PentaP1Input.cp
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/KML/KMLFileRe
M /issm/trunk-jpl/src/c/classes/objects/KML/KMLAttribute.h M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_ColorStyle.h M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Com
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Container.h 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_File.h M /issm/trunk-jpl/src/c/classes/objects/KML/K
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Geometry.h M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_GroundOverlay.h M /issm/trunk-jpl/src/c/classes/objects/KML/KML_
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_LatLonBox.h M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_LineString.h M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Line
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_LinearRing.h M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_MultiGeometry.h M /issm/trunk-jpl/src/c/classes/objects/KML/KML_
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Overlay.h M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_Placemark.h M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Poin
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_PolyStyle.h M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_Polygon.h M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Style.h
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_StyleSelector.h M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_SubStyle.h M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Unkno
M /issm/trunk-jpl/src/c/classes/objects/Loads/Friction.cpp M /issm/trunk-jpl/src/c/classes/objects/Loads/I
M /issm/trunk-jpl/src/c/classes/objects/Loads/Load.h M /issm/trunk-jpl/src/c/classes/objects/Loads/Nume
M /issm/trunk-jpl/src/c/classes/objects/Loads/Pengrid.cpp M /issm/trunk-jpl/src/c/classes/objects/Loads/I
M /issm/trunk-jpl/src/c/classes/objects/Loads/Riftfront.cpp M /issm/trunk-
jpl/src/c/classes/objects/Materials/Material.h M /issm/trunk-jpl/src/c/classes/objects/Materials/Matrice.cpp
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/Node.h
M /issm/trunk-jpl/src/c/classes/objects/Options/Option.cpp M /issm/trunk-
jpl/src/c/classes/objects/Options/Option.h M /issm/trunk-jpl/src/c/classes/objects/Options/OptionCell.cpp
M /issm/trunk-jpl/src/c/classes/objects/Options/OptionCell.h M /issm/trunk-
jpl/src/c/classes/objects/Options/OptionChar.cpp M /issm/trunk-jpl/src/c/classes/objects/Options/OptionC

jpl/src/c/modules/CreateNodalConstraintx/CreateNodalConstraintx.h M /issm/trunk-
 jpl/src/c/modules/DakotaResponsesx/DakotaResponsesx.h M /issm/trunk-jpl/src/c/modules/Dakotax/Dako
 M /issm/trunk-jpl/src/c/modules/Dakotax/SpawnCore.cpp M /issm/trunk-jpl/src/c/modules/Dakotax/Spaw
 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/ElementResponsex/ElementResponsex.h M
 /issm/trunk-jpl/src/c/modules/Exp2Kmlx/Exp2Kmlx.h M /issm/trunk-jpl/src/c/modules/GetSolutionFromI
 M /issm/trunk-jpl/src/c/modules/GetVectorFromControlInputx/GetVectorFromControlInputx.h
 M /issm/trunk-jpl/src/c/modules/GetVectorFromInputx/GetVectorFromInputx.h
 M /issm/trunk-jpl/src/c/modules/Gradjx/Gradjx.h M /issm/trunk-jpl/src/c/modules/IceVolumex/IceVolume
 M /issm/trunk-jpl/src/c/modules/InputArtificialNoisex/InputArtificialNoisex.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/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/KMLMeshWritex/KMLMeshWritex.h M /issm/trunk-jpl/src/c/modules/KMLOverlayx/K
 M /issm/trunk-jpl/src/c/modules/Kml2Expkx/Kml2Expkx.h M /issm/trunk-jpl/src/c/modules/Krigingx/Krigi
 M /issm/trunk-jpl/src/c/modules/Krigingx/Krigingx.h M /issm/trunk-jpl/src/c/modules/Krigingx/pKrigingx
 M /issm/trunk-jpl/src/c/modules/MassFluxx/MassFluxx.h M /issm/trunk-jpl/src/c/modules/MaxAbsVxx/M
 M /issm/trunk-jpl/src/c/modules/MaxAbsVyx/MaxAbsVyx.h M /issm/trunk-
 jpl/src/c/modules/MaxAbsVzx/MaxAbsVzx.h M /issm/trunk-jpl/src/c/modules/MaxVelx/MaxVelx.h
 M /issm/trunk-jpl/src/c/modules/MaxVxx/MaxVxx.h M /issm/trunk-jpl/src/c/modules/MaxVyx/MaxVyx.h
 M /issm/trunk-jpl/src/c/modules/MaxVzx/MaxVzx.h M /issm/trunk-jpl/src/c/modules/Mergesolutionfromft
 M /issm/trunk-jpl/src/c/modules/MeshProfileIntersectionx/MeshProfileIntersectionx.h
 M /issm/trunk-jpl/src/c/modules/MinVelx/MinVelx.h M /issm/trunk-jpl/src/c/modules/MinVxx/MinVxx.h
 M /issm/trunk-jpl/src/c/modules/MinVyx/MinVyx.h M /issm/trunk-jpl/src/c/modules/MinVzx/MinVzx.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/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/Hydrology/CreateConstraintsHydrology.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Hydrology/CreateLoadsHydrology.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Hydrology/CreateNodesHydrology.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Hydrology/UpdateElementsHydrology.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/
 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/ModelProcessorx/UpdateCounters.cpp M /issm/trunk-
 jpl/src/c/modules/NodalValuex/NodalValuex.h M /issm/trunk-jpl/src/c/modules/NodesDofx/NodesDofx.h
 M /issm/trunk-jpl/src/c/modules/Orthx/Orthx.h M /issm/trunk-jpl/src/c/modules/OutputResultsx/Output

M /issm/trunk-jpl/src/c/modules/ParsePetscOptionsx/ParsePetscOptionsx.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
M /issm/trunk-jpl/src/c/modules/Reducevectorgtoxs/Reducevectorgtoxs.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/Responsex/Responsex.h M /issm/trunk-jpl/src/c/modules/RheologyBbarAbsGradientx/R
M /issm/trunk-jpl/src/c/modules/Scotchx/Scotchx.h M /issm/trunk-jpl/src/c/modules/SetControlInputsFrom
M /issm/trunk-jpl/src/c/modules/Shp2Kmlx/Shp2Kmlx.h M /issm/trunk-jpl/src/c/modules/SmbGradientsx
M /issm/trunk-jpl/src/c/modules/SmearFunctionx/SmearFunctionx.h M /issm/trunk-
jpl/src/c/modules/Solverx/Solverx.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/SystemMatrixesx/SystemMatrixesx.h M /issm/trunk-jpl/src/c/modules/ThicknessAbsGra
M /issm/trunk-jpl/src/c/modules/ThicknessAbsMisfitx/ThicknessAbsMisfitx.h
M /issm/trunk-jpl/src/c/modules/TimeAdaptx/TimeAdaptx.h M /issm/trunk-
jpl/src/c/modules/TotalSmbx/TotalSmbx.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/UpdateConstraintsx/Update
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/VerticesDofx/V
M /issm/trunk-jpl/src/c/shared/Alloc/alloc.cpp M /issm/trunk-jpl/src/c/shared/Alloc/alloc_module.cpp
M /issm/trunk-jpl/src/c/shared/Bamg/OppositeAngle.h M /issm/trunk-jpl/src/c/shared/Bamg/det.h
M /issm/trunk-jpl/src/c/shared/Elements/elements.h M /issm/trunk-jpl/src/c/shared/Exp/exp.h
M /issm/trunk-jpl/src/c/shared/Numerics/BrentSearch.cpp M /issm/trunk-jpl/src/c/shared/Numerics/IsInpu
M /issm/trunk-jpl/src/c/shared/Numerics/OptimalSearch.cpp M /issm/trunk-
jpl/src/c/shared/Numerics/OptionsFromAnalysis.cpp M /issm/trunk-jpl/src/c/shared/Numerics/PetscOption
M /issm/trunk-jpl/src/c/shared/Numerics/UnitConversion.cpp M /issm/trunk-
jpl/src/c/shared/Wrapper/wrappershared.h M /issm/trunk-jpl/src/c/solutions/AdjointCorePointerFromSolut
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/ResetBoundaryCo
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.cpp M /issm/trunk-jpl/src/c/solutions/controltao_core.
M /issm/trunk-jpl/src/c/solutions/convergence.cpp M /issm/trunk-jpl/src/c/solutions/diagnostic_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/hydrology_core_step
M /issm/trunk-jpl/src/c/solutions/objectivefunction.cpp M /issm/trunk-jpl/src/c/solutions/prognostic_core.c
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/steadystateconvergence.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_adjoint_linear.cp
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 M /issm/trunk-
jpl/src/c/solvers/solvers.h
Export determination: 6.
Rationale: Almost done migrating objects to classes

Change #148 with diff file ISSM-12833-12834.diff:

Function name:

M /issm/trunk-jpl/externalpackages/python/install-2.7.2-macosx-lion.sh

Export determination: 6.

Rationale: One script per version, as usual

Change #149 with diff file ISSM-12834-12835.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/InterpFromMeshToMesh2dx/InterpFromMeshToMesh2dx.h

Export determination: 6.

Rationale: BUG: compilation issue with new classes directory

Change #150 with diff file ISSM-12835-12836.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/IoModel.h
M /issm/trunk-jpl/src/c/classes/bamg/BamgQuadtree.h M /issm/trunk-jpl/src/c/classes/objects/KML/KML
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Attribute.cpp M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_ColorStyle.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Co
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Container.cpp M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_Document.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Fea
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_File.cpp M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_Folder.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Geome
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_GroundOverlay.cpp M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_Icon.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_LatLonB
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_LineString.cpp M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_LineStyle.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Lin
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_MultiGeometry.cpp M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_Object.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Overla
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Placemark.cpp M /issm/trunk-

jpl/src/c/classes/objects/KML/KMLPoint.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KMLPolyStyle.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KMLPolygon.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KMLStyle.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KMLStyleSelector.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KMLSubStyle.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KMLUnknown.cpp M /issm/trunk-jpl/src/c/classes/objects/objects.h M /issm/trunk-jpl/src/c/classes/objects.h M /issm/trunk-jpl/src/c/issm.h M /issm/trunk-jpl/src/c/matlab/io/MatlabMatrixToMatrix.cpp M /issm/trunk-jpl/src/c/matlab/io/MatlabVectorToVector.cpp M /issm/trunk-jpl/src/c/matlab/io/matlabio.h A /issm/trunk-jpl/src/c/shared/Elements/PrintArrays.cpp M /issm/trunk-jpl/src/c/shared/Elements/elements.cpp M /issm/trunk-jpl/src/c/shared/Exp/DomainOutlineRead.cpp
 Export determination: 6.
 Rationale: FIX: fixed compilation with new classes directory

Change #151 with diff file ISSM-12836-12837.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/dakota/DakotaPlugin.h

Export determination: 6.

Rationale: FIX: Dakota compilation

Change #152 with diff file ISSM-12837-12838.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/dakota/DakotaPlugin.cpp M /issm/trunk-jpl/src/c/modules/Dakota/DakotaPlugin.cpp M /issm/trunk-jpl/src/c/modules/Dakota/DakotaPlugin.h

Export determination: 6.

Rationale: CHG: dakota compilation still some undefined symbols

Change #153 with diff file ISSM-12838-12839.diff:

Function name:

M /issm/trunk-jpl/configs/config-macosx64-larour.sh M /issm/trunk-jpl/src/modules/matlab/Makefile.am

M /issm/trunk-jpl/src/modules/python/Makefile.am

Export determination: 6.

Rationale: BUG: added dakota include path to mex and python compile

Change #154 with diff file ISSM-12839-12840.diff:

Function name:

M /issm/trunk-jpl/externalpackages/dakota

Export determination: 6.
Rationale: CHG: ignore some files for svn

Change #155 with diff file ISSM-12840-12841.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/classes.h
Export determination: 6.
Rationale: CHG: un-included dakotaobjects.h from classes.h, to reduce dakota
useless warnings at compilation time.

Change #156 with diff file ISSM-12841-12842.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test111.m
Export determination: 6.
Rationale: CHG: minor tolerance

Change #157 with diff file ISSM-12842-12843.diff:
Function name:
M /issm/trunk-jpl/src/m/model/MatlabFuncs.py M /issm/trunk-jpl/src/m/utis/consistency/checkfield.m
A /issm/trunk-jpl/src/m/utis/consistency/checkfield.py
Export determination: 6.
Rationale: Preliminary python version of checkfield.

Change #158 with diff file ISSM-12843-12844.diff:
Function name:
M /issm/trunk-jpl/configs/config-greenplanet.sh
Export determination: 6.
Rationale: BUG: use shell script instead of csh (does not work)

Change #159 with diff file ISSM-12844-12845.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/clusters/acenet.m M /issm/trunk-jpl/src/m/classes/clusters/castor.m
M /issm/trunk-jpl/src/m/classes/clusters/cosmos.m M /issm/trunk-jpl/src/m/classes/clusters/discover.m

M /issm/trunk-jpl/src/m/classes/clusters/gemini.m M /issm/trunk-jpl/src/m/classes/clusters/generic.m
M /issm/trunk-jpl/src/m/classes/clusters/generic.py M /issm/trunk-jpl/src/m/classes/clusters/greenplanet.m
M /issm/trunk-jpl/src/m/classes/clusters/pfe.m M /issm/trunk-jpl/src/m/classes/clusters/pollux.m
Export determination: 6.
Rationale: added dirname in cluster for BuildQueueScript

Change #160 with diff file ISSM-12845-12846.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added runtime name in solve for BuildQueueScript

Change #161 with diff file ISSM-12846-12847.diff:

Function name:

M /issm/trunk-jpl/externalpackages/android/android_aux.sh M /issm/trunk-jpl/externalpackages/gsl/install-android.sh M /issm/trunk-jpl/externalpackages/libtool/install.sh
M /issm/trunk-jpl/externalpackages/triangle/configs/android/configure.make M /issm/trunk-jpl/scripts/DownloadExternalPackage.py

Export determination: 6.

Rationale: Major changes to the DownloadExternalPackage.py script.

Change #162 with diff file ISSM-12847-12848.diff:

Function name:

M /issm/trunk-jpl/src/c/python/io/pythonio.h

Export determination: 6.

Rationale: objects to classes change

Change #163 with diff file ISSM-12848-12849.diff:

Function name:

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

Export determination: 6.

Rationale: reshaped x and y arrays to rank-1 for InterpFromMeshToMesh2d

Change #164 with diff file ISSM-12849-12850.diff:

Function name:

M /issm/trunk-jpl/src/c/python/io/pythonio.h

Export determination: 6.

Rationale: cleanup, removed commented line

Change #165 with diff file ISSM-12850-12851.diff:

Function name:

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

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

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

A /issm/trunk-jpl/src/c/matlab/io/MatlabMatrixToPetcMat.cpp (from /issm/trunk-

jpl/src/c/matlab/io/MatlabMatrixToPetcMatrix.cpp:12849) D /issm/trunk-jpl/src/c/matlab/io/MatlabMatr

A /issm/trunk-jpl/src/c/matlab/io/MatlabVectorToPetcVec.cpp (from /issm/trunk-

jpl/src/c/matlab/io/MatlabVectorToPetcVector.cpp:12849) D /issm/trunk-jpl/src/c/matlab/io/MatlabVecto

M /issm/trunk-jpl/src/c/matlab/io/MatlabVectorToVector.cpp M /issm/trunk-

jpl/src/c/matlab/io/WriteMatlabData.cpp M /issm/trunk-jpl/src/c/matlab/io/matlabio.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/SolverxGsl.cpp M /issm/trunk-jpl/src/c/modules/Solverx/SolverxP

A /issm/trunk-jpl/src/c/modules/Solverx/SolverxSeq.cpp (from /issm/trunk-

jpl/src/c/modules/Solverx/SolverxGsl.cpp:12849) M /issm/trunk-jpl/src/c/shared/Alloc/alloc_module.cpp

A /issm/trunk-jpl/src/c/toolkits/petsc/objects A /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetcMat.cpp

A /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetcMat.h A /issm/trunk-jpl/src/c/toolkits/petsc/objects/P

A /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetcVec.h A /issm/trunk-jpl/src/c/toolkits/petsc/objects/p

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

Export determination: 6.

Rationale: CHG: homoegeization of the matrix class. Is now split into a petcor (petsc vector) and svector (sequential vector). New objects PetcMat and PetcVec in the toolkits allow for this homoegeization. Things are not perfect yet, as we reference the matrix and vector internals across the code, which could create some serious issues.

Change #166 with diff file ISSM-12851-12852.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: convert Enums to int otherwise compiler complains that: 'comparison between enum MatrixType and enum matrixtype'

Change #167 with diff file ISSM-12852-12853.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Alloc/alloc_module.cpp

Export determination: 6.

Rationale: BUG: reverting to previous memory management in xdelete_module.

This is a bug due to Matlab C++ memory management deficiencies (to say the least).

Change #168 with diff file ISSM-12853-12854.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/runme.py M /issm/trunk-jpl/test/Par/SquareShelfConstrained.par

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

Export determination: 6.

Rationale: Minor changes for test101.py.

Change #169 with diff file ISSM-12854-12855.diff:

Function name:

M /issm/trunk-jpl/src/m/utils/BC/SetIceShelfBC.py

Export determination: 6.

Rationale: Revised python version of SetIceShelfBC.

Change #170 with diff file ISSM-12855-12856.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/Solverx/SolverxPetsc.cpp

Export determination: 6.

Rationale: BUG: fixed issue with segfault in SolverxPetsc.

Change #171 with diff file ISSM-12856-12857.diff:

Function name:

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

Export determination: 6.

Rationale: Revised python version of addnote.

Change #172 with diff file ISSM-12857-12858.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscMat.cpp M /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscVec.cpp

Export determination: 6.

Rationale: BUG: fixed segfault.

Change #173 with diff file ISSM-12858-12859.diff:

Function name:

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

Export determination: 6.

Rationale: make jet the colormap default

Change #174 with diff file ISSM-12859-12860.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscMat.cpp M /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscVec.cpp

Export determination: 6.

Rationale: BUG: fixed segfault in PetscMat and PetscVec constructors.

Change #175 with diff file ISSM-12860-12861.diff:

Function name:

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

M /issm/trunk-jpl/src/c/modules/TriMeshx/TriMeshx.cpp M /issm/trunk-jpl/src/c/toolkits/issm/SeqMat.cpp

Export determination: 6.

Rationale: TriMesh matrices should be sequential by default

Change #176 with diff file ISSM-12861-12862.diff:

Function name:

M /issm/trunk-jpl/src/modules/TriMesh/TriMesh.cpp

Export determination: 6.

Rationale: delete objects

Change #177 with diff file ISSM-12862-12863.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am D /issm/trunk-jpl/src/c/shared/Alloc/alloc_module.cpp

D /issm/trunk-jpl/src/c/shared/Alloc/alloc_module.h M /issm/trunk-jpl/src/c/shared/shared.h

Export determination: 6.

Rationale: CHG: xalloc_modules not needed anymore, use regular destructor

Change #178 with diff file ISSM-12863-12864.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/issm/SeqVec.cpp M /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscVec.

Export determination: 6.

Rationale: CHG: cosmetics

Change #179 with diff file ISSM-12864-12865.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/InterpFromMesh2dx/InterpFromMesh2dx.cpp

M /issm/trunk-jpl/src/c/modules/InterpFromMesh2dx/InterpFromMesh2dxt.cpp

Export determination: 6.

Rationale: CHG: use SeqMat and not PETScMat for interpolation module

Change #180 with diff file ISSM-12865-12866.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/Solverx/SolverxPetsc.cpp

Export determination: 6.

Rationale: BUG: Petsc vector cannot be NULL even if it is of size 0

Change #181 with diff file ISSM-12866-12867.diff:

Function name:

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

Export determination: 6.

Rationale: delta18o update

Change #182 with diff file ISSM-12867-12868.diff:

Function name:
M /issm/trunk-jpl/src/c/shared/Elements/ComputeDelta18oTemperaturePrecipitation.cpp
M /issm/trunk-jpl/src/c/shared/Elements/PddSurfaceMassBalance.cpp
Export determination: 6.
Rationale: delta18o update

Change #183 with diff file ISSM-12868-12869.diff:

Function name:
D /issm/trunk-jpl/src/c/objects
Export determination: 6.
Rationale: CHG: removing empty directory

Change #184 with diff file ISSM-12869-12870.diff:

Function name:
M /issm/trunk-jpl/test/NightlyRun/test421.m
Export determination: 6.
Rationale: CHG: tolerance test421

Change #185 with diff file ISSM-12870-12871.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: BUG: Delta18O was not using the right array for temp and precip

Change #186 with diff file ISSM-12871-12872.diff:

Function name:
M /issm/trunk-jpl/src/c/solutions/transient_core.cpp
Export determination: 6.
Rationale: CHG: reverted back

Change #187 with diff file ISSM-12873-12874.diff:

Function name:
M /issm/trunk-jpl/src/m/model/parameterization/parameterize.m M /issm/trunk-

jpl/src/m/model/parameterization/parameterize.py
Export determination: 6.
Rationale: Revised python version of parameterize.

Change #188 with diff file ISSM-12874-12875.diff:
Function name:
M /issm/trunk-jpl/src/m/model/parameterization/parameterize.py
Export determination: 6.
Rationale: Forgot an import in parameterize.py.

Change #189 with diff file ISSM-12875-12876.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/bamg/typedefs.h
Export determination: 6.
Rationale: BUG: on some machine LONG_BIT might not be defined, causing
I2 to have different typedefs resulting in undefined symbols

Change #190 with diff file ISSM-12876-12877.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/bamg/Mesh.cpp M /issm/trunk-jpl/src/c/classes/bamg/typedefs.h
Export determination: 6.
Rationale: BUG: changed Icoor2 from double to long

Change #191 with diff file ISSM-12877-12878.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/bamg/macros.h
Export determination: 6.
Rationale: CHG: Getting rid of LONG_BIT for good

Change #192 with diff file ISSM-12881-12882.diff:
Function name:
M /issm/trunk-jpl/externalpackages/gsl/install-android.sh M /issm/trunk-jpl/externalpackages/libtool/install
M /issm/trunk-jpl/externalpackages/triangle/install-android.sh M /issm/trunk-

jpl/scripts/DownloadExternalPackage.py

Export determination: 6.

Rationale: Modified DownloadExternalPackage.py to output usage examples when fed no arguments.

Change #193 with diff file ISSM-12882-12883.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Inputs/TransientInput.cpp M /issm/trunk-jpl/src/c/classes/objects/Inputs/TransientInput.h

Export determination: 6.

Rationale: Added support for extrusion of TransientInputs

Change #194 with diff file ISSM-12883-12884.diff:

Function name:

A /issm/trunk-jpl/test/Data/delta18o.data M /issm/trunk-jpl/test/NightlyRun/IdToName.m
A /issm/trunk-jpl/test/NightlyRun/test236.m

Export determination: 6.

Rationale: 2d nightly run for ispdd and isdelta18o method

Change #195 with diff file ISSM-12884-12885.diff:

Function name:

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

Export determination: 6.

Rationale: add temperature and precipitation calculated with isdelta18o in matlab outputs

Change #196 with diff file ISSM-12885-12886.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: isdelta18o update

Change #197 with diff file ISSM-12886-12887.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Elements/ComputeDelta18oTemperaturePrecipitation.cpp

Export determination: 6.

Rationale: isdelta18o update 2

Change #198 with diff file ISSM-12887-12888.diff:

Function name:

A /issm/trunk-jpl/test/Archives/Archive236.mat M /issm/trunk-jpl/test/NightlyRun/IdToName.py

Export determination: 6.

Rationale: NEW: archive for pdd nightly run

Change #199 with diff file ISSM-12888-12889.diff:

Function name:

M /issm/trunk-jpl/src/m/model/recover_areas.m A /issm/trunk-jpl/src/m/model/recover_areas.py

M /issm/trunk-jpl/src/m/model/setflowequation.m A /issm/trunk-jpl/src/m/model/setflowequation.py

M /issm/trunk-jpl/src/m/utis/Geometry/FlagElements.py

Export determination: 6.

Rationale: Running python versions of setflowequation (and more).

Change #200 with diff file ISSM-12889-12890.diff:

Function name:

A /issm/trunk-jpl/src/m/model/AnalysisConfiguration.py M /issm/trunk-jpl/src/m/model/MatlabFuncs.py

M /issm/trunk-jpl/src/m/model/ismodelselfconsistent.py M /issm/trunk-jpl/src/m/model/marshall.py

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

M /issm/trunk-jpl/test/NightlyRun/test101.py

Export determination: 6.

Rationale: Python fixes.

Change #201 with diff file ISSM-12890-12891.diff:

Function name:

A /issm/trunk-jpl/externalpackages/mpich2/install-1.3.1-linux64-berg.sh

Export determination: 6.

Rationale: adding my configure file for mpich2

Change #202 with diff file ISSM-12891-12892.diff:

Function name:

A /issm/trunk-jpl/test/NightlyRun/test237.m

Export determination: 6.

Rationale: 3d nightly run for ispdd method

Change #203 with diff file ISSM-12892-12893.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.cpp M /issm/trunk-jpl/src/m/utis/BC/SetIceSheetBC.m M /issm/trunk-jpl/src/m/utis/BC/SetIceShelfBC.m M /issm/trunk-jpl/src/m/utis/BC/SetMarineIceSheetBC.m

Export determination: 6.

Rationale: update for ispdd method

Change #204 with diff file ISSM-12893-12894.diff:

Function name:

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

Export determination: 6.

Rationale: update for ispdd method

Change #205 with diff file ISSM-12894-12895.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: tk install package

Change #206 with diff file ISSM-12895-12896.diff:

Function name:

M /issm/trunk-jpl/externalpackages/matplotlib/install-osx.sh M /issm/trunk-jpl/externalpackages/matplotlib/install.sh M /issm/trunk-jpl/externalpackages/tcl/install.sh M /issm/trunk-jpl/externalpackages/tk

Export determination: 6.

Rationale: CHG: tk: ignore some svn files. tcl: do sudo install. matplotlib: link against tcl and tk from the OS.

Change #207 with diff file ISSM-12896-12897.diff:

Function name:

A /issm/trunk-jpl/test/Archives/Archive237.mat

Export determination: 6.

Rationale: NEW: archive for 2nd pdd nightly run

Change #208 with diff file ISSM-12898-12899.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: added tcl and tk in the LD_LIBRARY_PATH, so that Python

Matplotlib finds it.

Change #209 with diff file ISSM-12899-12900.diff:

Function name:

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

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

Export determination: 6.

Rationale: BUG: forward declaration of Parameters.

Change #210 with diff file ISSM-12900-12901.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: checkign for existence of Petsc

Change #211 with diff file ISSM-12902-12903.diff:

Function name:

M /issm/trunk-jpl/configure.ac M /issm/trunk-jpl/src/c/Container/Observations.cpp

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/bamg/macros.h

M /issm/trunk-jpl/src/c/classes/bamg/typedefs.h

Export determination: 6.

Rationale: CHG: Refactored SolverxGsl to current SolverxSeq.

Change #212 with diff file ISSM-12903-12904.diff:

Function name:

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

Export determination: 6.

Rationale: use switch instead of elseif

Change #213 with diff file ISSM-12904-12905.diff:

Function name:

M /issm/trunk-jpl/configure.ac M /issm/trunk-jpl/src/c/Makefile.am

Export determination: 6.

Rationale: BUG: do not use libtool for now (NR crashes)

Change #214 with diff file ISSM-12905-12906.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: crosses initialization requires brackets around case

Change #215 with diff file ISSM-12906-12907.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/bamg/typedefs.h

Export determination: 6.

Rationale: BUG: Icoor2 must be long (and not unsigned long), otherwise matlab crashes

Change #216 with diff file ISSM-12907-12908.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/bamg/macros.h

Export determination: 6.

Rationale: BUG: back to previous definition of MaxICoor22

Change #217 with diff file ISSM-12908-12909.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/bamg/macros.h

Export determination: 6.

Rationale: BUG: parenthesis

Change #218 with diff file ISSM-12909-12910.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: cosmetics

Change #219 with diff file ISSM-12910-12911.diff:

Function name:

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

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

Export determination: 6.

Rationale: BUG: fixed tao for new Vector and Matrices objects

Change #220 with diff file ISSM-12911-12912.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: updated synchronization script

Change #221 with diff file ISSM-12912-12913.diff:

Function name:

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

jpl/src/c/classes/objects/KML/KMLFileReadUtils.h M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Lin

Export determination: 6.

Rationale: Removed doubly dimensioned arrays from KML classes.

Change #222 with diff file ISSM-12913-12914.diff:

Function name:

A /issm/trunk-jpl/src/m/classes/planetmesh.m A /issm/trunk-jpl/src/m/model/mesh/planet
A /issm/trunk-jpl/src/m/model/mesh/planet/mesh_refine_tri4.m (from /issm/trunk-
jpl/src/m/planet/mesh_refine_tri4.m:12898) A /issm/trunk-jpl/src/m/model/mesh/planet/planetmesher.m
A /issm/trunk-jpl/src/m/model/mesh/planet/planetmixedmesh.m (from /issm/trunk-
jpl/src/m/planet/planetmixedmesh.m:12898) A /issm/trunk-jpl/src/m/model/mesh/planet/planettrimesh.m
(from /issm/trunk-jpl/src/m/planet/planettrimesh.m:12898) A /issm/trunk-jpl/src/m/model/mesh/planet/runme.m
(from /issm/trunk-jpl/src/m/planet/runme.m:12898) A /issm/trunk-jpl/src/m/model/mesh/planet/sphere_project.m
(from /issm/trunk-jpl/src/m/planet/sphere_project.m:12898) A /issm/trunk-
jpl/src/m/model/mesh/planet/sphere_tri.m (from /issm/trunk-jpl/src/m/planet/sphere_tri.m:12898)
D /issm/trunk-jpl/src/m/planet
Export determination: 6.
Rationale: NEW: new implementation of the planet models. @planet now has a
@planetmesh instead of a @mesh object. Also moved around the planet meshers
we have. Starting to homogeneize things.

Change #223 with diff file ISSM-12914-12915.diff:

Function name:
M /issm/trunk-jpl/src/m/Makefile.am
Export determination: 6.
Rationale: no more planet directory in matlab

Change #224 with diff file ISSM-12915-12916.diff:

Function name:
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_Cor
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Container.cpp M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_Document.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Fil
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Folder.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_Unknown.cpp
Export determination: 6.
Rationale: Implementation of xNew and xDelete in KML classes.

Change #225 with diff file ISSM-12916-12917.diff:

Function name:

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

Export determination: 6.

Rationale: A couple more changes for the xNew and xDelete in the KML classes.

Change #226 with diff file ISSM-12920-12921.diff:

Function name:

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

M /issm/trunk-jpl/m4/issm_options.m4 M /issm/trunk-jpl/src/c/Makefile.am

Export determination: 6.

Rationale: CHG: Revisions the shared option of issm_options.m4, configure.ac, and src/c/Makefile.am

Change #227 with diff file ISSM-12921-12922.diff:

Function name:

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

Export determination: 6.

Rationale: Fixed installation script

Change #228 with diff file ISSM-12922-12923.diff:

Function name:

M /issm/trunk-jpl/configure.ac M /issm/trunk-jpl/src/c/Makefile.am

Export determination: 6.

Rationale: BUG: do not use libtool for now (crashing NR)

Change #229 with diff file ISSM-12923-12924.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Elements/ComputeDelta18oTemperaturePrecipitation.cpp

Export determination: 6.

Rationale: minor deltao18 update

Change #230 with diff file ISSM-12924-12925.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: no interactive property

Change #231 with diff file ISSM-12925-12926.diff:

Function name:

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

Export determination: 6.

Rationale: acenet cluster update

Change #232 with diff file ISSM-12926-12927.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive236.mat M /issm/trunk-jpl/test/Archives/Archive237.mat

Export determination: 6.

Rationale: CHG: updated ispdd archives

Change #233 with diff file ISSM-12927-12928.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/Element.h

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

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/StringToEnumx/StringToEnumx.cpp A /issm/trunk-

jpl/src/c/modules/ThicknessAcrossGradientx A /issm/trunk-jpl/src/c/modules/ThicknessAcrossGradientx/T

A /issm/trunk-jpl/src/c/modules/ThicknessAcrossGradientx/ThicknessAcrossGradientx.h

A /issm/trunk-jpl/src/c/modules/ThicknessAlongGradientx A /issm/trunk-jpl/src/c/modules/ThicknessAlon

A /issm/trunk-jpl/src/c/modules/ThicknessAlongGradientx/ThicknessAlongGradientx.h

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

Export determination: 6.

Rationale: NEW: added 2 new cost functions for balance thickness (Thicknes-
sAcrossGradient and ThicknessAlongGradient)

Change #234 with diff file ISSM-12928-12929.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/ThicknessAcrossGradientEnum.m A /issm/trunk-
jpl/src/m/enum/ThicknessAlongGradientEnum.m

Export determination: 6.

Rationale: CHG: sync

Change #235 with diff file ISSM-12929-12930.diff:

Function name:

A /issm/trunk-jpl/src/m/model/solvers/asmoptions.py (from /issm/trunk-jpl/src/py/model/solvers/asmoptions.py:12911)
A /issm/trunk-jpl/src/m/model/solvers/iluasmoptions.py (from /issm/trunk-jpl/src/py/model/solvers/iluasmoptions.py:12911)
A /issm/trunk-jpl/src/m/model/solvers/jacobiasmoptions.py (from /issm/trunk-jpl/src/py/model/solvers/jacobiasmoptions.py:12911)
A /issm/trunk-jpl/src/m/model/solvers/jacobicgoptions.py (from /issm/trunk-jpl/src/py/model/solvers/jacobicgoptions.py:12911)
A /issm/trunk-jpl/src/m/model/solvers/matlaboptions.py (from /issm/trunk-jpl/src/py/model/solvers/matlaboptions.py:12911)
A /issm/trunk-jpl/src/m/model/solvers/mumpsoptions.py (from /issm/trunk-jpl/src/py/model/solvers/mumpsoptions.py:12911)
A /issm/trunk-jpl/src/m/model/solvers/soroptions.py (from /issm/trunk-jpl/src/py/model/solvers/soroptions.py:12911)
A /issm/trunk-jpl/src/m/model/solvers/stokesoptions.py (from /issm/trunk-jpl/src/py/model/solvers/stokesoptions.py:12911)

Export determination: 6.

Rationale: New python versions of iluasmoptions and mumpsoptions (and others moved).

Change #236 with diff file ISSM-12930-12931.diff:

Function name:

D /issm/trunk-jpl/src/py/model/solvers/asmoptions.py D /issm/trunk-jpl/src/py/model/solvers/iluasmoptions.py
D /issm/trunk-jpl/src/py/model/solvers/jacobiasmoptions.py D /issm/trunk-jpl/src/py/model/solvers/jacobicgoptions.py
D /issm/trunk-jpl/src/py/model/solvers/matlaboptions.py D /issm/trunk-jpl/src/py/model/solvers/mumpsoptions.py
D /issm/trunk-jpl/src/py/model/solvers/soroptions.py D /issm/trunk-jpl/src/py/model/solvers/stokesoptions.py

Export determination: 6.

Rationale: New python versions of iluasmoptions and mumpsoptions (and others moved).

Change #237 with diff file ISSM-12931-12932.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: enable new responses

Change #238 with diff file ISSM-12932-12933.diff:

Function name:

M /issm/trunk-jpl/src/m/model/solvers/iluasmoptions.m M /issm/trunk-jpl/src/m/model/solvers/iluasmopti

Export determination: 6.

Rationale: CHG: Fixed some typos, according to Mathieu.

Change #239 with diff file ISSM-12933-12934.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: Need to include QmuVzEnum as input for Penta

Change #240 with diff file ISSM-12934-12935.diff:

Function name:

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

M /issm/trunk-jpl/src/c/classes/bamg/macros.h

Export determination: 6.

Rationale: CHG: removed MaxICoor22, which was only used by CloseBound-aryEdgeV2, which is in turn never used

Change #241 with diff file ISSM-12935-12936.diff:

Function name:

M /issm/trunk-jpl/configure.ac M /issm/trunk-jpl/src/c/Makefile.am

Export determination: 6.

Rationale: NEW: enabling libtool

Change #242 with diff file ISSM-12937-12938.diff:

Function name:

M /issm/trunk-jpl/externalpackages/mpich2/install-1.4-linux64.sh M /issm/trunk-

jpl/externalpackages/mpich2/install-1.4-macosx32.sh M /issm/trunk-jpl/externalpackages/mpich2/install-1.4-macosx64.sh

Export determination: 6.
Rationale: BUG: do not remove *.so in install/lib. This is needed by libtool

Change #243 with diff file ISSM-12938-12939.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/model/model.py M /issm/trunk-jpl/src/m/classes/verbose.m
M /issm/trunk-jpl/src/m/classes/verbose.py
Export determination: 6.
Rationale: NEW: New python version of verbose and some other minor updates.

Change #244 with diff file ISSM-12939-12940.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/verbose.m
Export determination: 6.
Rationale: CHG: Clean up BinaryToVerbose.

Change #245 with diff file ISSM-12940-12941.diff:
Function name:
M /issm/trunk-jpl/configure.ac M /issm/trunk-jpl/src/c/Makefile.am
Export determination: 6.
Rationale: CHG: reverting back - do not use libtool yet, mex modules do not compile

Change #246 with diff file ISSM-12941-12942.diff:
Function name:
M /issm/trunk-jpl/configure.ac
Export determination: 6.
Rationale: BUG: forgot to add AC_PROG_RANLIB back

Change #247 with diff file ISSM-12942-12943.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.

Rationale: CHG: get mex compilation and linking flag from mex -v instead (might need to add -ldl to PETSC_LIB)

Change #248 with diff file ISSM-12943-12944.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/private.m M /issm/trunk-jpl/src/m/classes/private.py
M /issm/trunk-jpl/src/m/model/WriteData.py M /issm/trunk-jpl/src/m/model/ismodelselfconsistent.py
M /issm/trunk-jpl/src/m/model/marshall.py M /issm/trunk-jpl/src/m/Utils/consistency/checkfield.py

Export determination: 6.

Rationale: NEW: Python checkconsistency and marshall methods for mesh subclass (plus other changes to make them work).

Change #249 with diff file ISSM-12944-12945.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/generic.py M /issm/trunk-jpl/src/m/classes/pairoptions.py
M /issm/trunk-jpl/src/m/model/AnalysisConfiguration.py M /issm/trunk-jpl/src/m/model/MatlabProcessPa
M /issm/trunk-jpl/src/m/model/WriteData.py M /issm/trunk-jpl/src/m/model/addnote.py
M /issm/trunk-jpl/src/m/model/ismodelselfconsistent.py M /issm/trunk-jpl/src/m/model/loadresultsfromclu
M /issm/trunk-jpl/src/m/model/loadresultsfromdisk.py M /issm/trunk-jpl/src/m/model/marshall.py
M /issm/trunk-jpl/src/m/model/parameterization/parameterize.py M /issm/trunk-jpl/src/m/model/parsere
M /issm/trunk-jpl/src/m/model/process_solve_options.py M /issm/trunk-jpl/src/m/model/recover_areas.py
M /issm/trunk-jpl/src/m/model/setflowequation.py M /issm/trunk-jpl/src/m/model/solve.py
M /issm/trunk-jpl/src/m/model/waitonlock.py M /issm/trunk-jpl/src/m/Utils/BC/SetIceShelfBC.py
M /issm/trunk-jpl/src/m/Utils/Cluster/parallelrange.py M /issm/trunk-jpl/src/m/Utils/Geometry/FlagEleme
M /issm/trunk-jpl/src/m/Utils/OS/ismumps.py M /issm/trunk-jpl/src/m/Utils/OS/ispetsc.py
M /issm/trunk-jpl/src/m/Utils/OS/issmscpin.py M /issm/trunk-jpl/src/m/Utils/OS/issmscpout.py
M /issm/trunk-jpl/src/m/Utils/OS/issmssh.py M /issm/trunk-jpl/src/m/Utils/Shell/issmdir.py

Export determination: 6.

Rationale: CHG: Made python docstrings have consistent indentation.

Change #250 with diff file ISSM-12945-12946.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: added check for diagnostic.restol: not NaN allowed

Change #251 with diff file ISSM-12948-12949.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: load environment variables only if the external package has been installed (and corresponding install directory exists)

Change #252 with diff file ISSM-12949-12950.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/basalforcings.py M /issm/trunk-jpl/src/m/classes/constants.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.py M /issm/trunk-jpl/src/m/classes/geometry.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/mask.py M /issm/trunk-jpl/src/m/classes/materials.py
M /issm/trunk-jpl/src/m/classes/mesh.py M /issm/trunk-jpl/src/m/classes/private.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/timestepping.py M /issm/trunk-jpl/src/m/model/setflowequation.m
M /issm/trunk-jpl/src/m/model/solve.py

Export determination: 6.

Rationale: NEW: A bunch more python checkconsistency and marshall methods for sub-classes (plus other minor changes).

Change #253 with diff file ISSM-12950-12951.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: Oops – fixed typos in last commit.

Change #254 with diff file ISSM-12951-12952.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: fixing environment.sh

Change #255 with diff file ISSM-12952-12953.diff:

Function name:
M /issm/trunk-jpl/test/NightlyRun/runme.py
Export determination: 6.
Rationale: CHG: Take advantage of MatlabFuncs.

Change #256 with diff file ISSM-12953-12954.diff:
Function name:
M /issm/trunk-jpl/externalpackages/vim/addons/vim/syntax/c.vim
Export determination: 6.
Rationale: CHG: updating vim C syntax

Change #257 with diff file ISSM-12954-12955.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 M /issm/trunk-
jpl/externalpackages/vim/addons/vimrc
Export determination: 6.
Rationale: CHG: added some vim maps

Change #258 with diff file ISSM-12955-12956.diff:
Function name:
M /issm/trunk-jpl/src/c/solutions/controltao_core.cpp
Export determination: 6.
Rationale: CHG: enable tao for PETSc 3.3

Change #259 with diff file ISSM-12956-12957.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: BUG: readded Enums in c.vim

Change #260 with diff file ISSM-12957-12958.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: readded C stuff

Change #261 with diff file ISSM-12958-12959.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/autodiff.py M /issm/trunk-jpl/src/m/classes/balancethickness.py

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

M /issm/trunk-jpl/src/m/classes/groundingline.py M /issm/trunk-jpl/src/m/classes/hydrology.py

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

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/private.py 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.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/solver.py M /issm/trunk-jpl/src/m/classes/steadystate.py

M /issm/trunk-jpl/src/m/classes/surfaceforcings.py M /issm/trunk-jpl/src/m/classes/thermal.py

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

M /issm/trunk-jpl/src/m/classes/verbose.py A /issm/trunk-jpl/src/m/Utils/Math/isnans.py

Export determination: 6.

Rationale: NEW: Another bunch more python checkconsistency and marshall methods for sub-classes (plus other minor changes).

Change #262 with diff file ISSM-12959-12960.diff:

Function name:

M /issm/trunk-jpl/src/m/model/setflowequation.m M /issm/trunk-jpl/test/NightlyRun/runme.m

Export determination: 6.

Rationale: CHG: Change variable name list in matlab scripts to keep consistent with python, where it is very bad.

Change #263 with diff file ISSM-12960-12961.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/mesh.m M /issm/trunk-jpl/src/m/Utils/consistency/checkfield.m

Export determination: 6.

Rationale: CHG: check that mesh.z is within bed and surface

Change #264 with diff file ISSM-12961-12962.diff:

Function name:

M /issm/trunk-jpl/src/m/utils/Exp/expdisp.m

Export determination: 6.

Rationale: CHG: allow exp linestyle color to also be passed as numeric

Change #265 with diff file ISSM-12962-12963.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: allows us to specifically dictate the cbYTickLabels or round existing tick labels

Change #266 with diff file ISSM-12963-12964.diff:

Function name:

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

A /issm/trunk-jpl/externalpackages/pysvn/pysvn-1.7.6.tar.gz

Export determination: 6.

Rationale: Python bindings for svn

Change #267 with diff file ISSM-12964-12965.diff:

Function name:

D /issm/trunk-jpl/externalpackages/pysvn/pysvn-1.7.6.tar.gz

Export determination: 6.

Rationale: CHG: archive not needed (available on ISSM website)

Change #268 with diff file ISSM-12965-12966.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: svn package

Change #269 with diff file ISSM-12966-12967.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: settings for svn package.

Change #270 with diff file ISSM-12967-12968.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: apr package.

Change #271 with diff file ISSM-12968-12969.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: apr package

Change #272 with diff file ISSM-12969-12970.diff:

Function name:

A /issm/trunk-jpl/externalpackages/apr-util A /issm/trunk-jpl/externalpackages/apr-util/install.sh

Export determination: 6.

Rationale: NEW: apr-util package.

Change #273 with diff file ISSM-12970-12971.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: apr-util package configuration

Change #274 with diff file ISSM-12971-12972.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: sqlite configuration

Change #275 with diff file ISSM-12972-12973.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: package sqlite

Change #276 with diff file ISSM-12973-12974.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: no need for sudo on linux machines

Change #277 with diff file ISSM-12974-12975.diff:

Function name:

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

D /issm/trunk-jpl/etc/environment_variables.csh D /issm/trunk-jpl/etc/environment_variables.sh

Export determination: 6.

Rationale: CHG: adopted same philosophy for environment_variables.csh: load environment variables only if directory exists

Change #278 with diff file ISSM-12975-12976.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: fixed path for libpetsc.so

Change #279 with diff file ISSM-12976-12977.diff:

Function name:
M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp
Export determination: 6.
Rationale: normalize velocity

Change #280 with diff file ISSM-12977-12978.diff:

Function name:
M /issm/trunk-jpl/test/Archives/Archive225.mat M /issm/trunk-jpl/test/NightlyRun/test225.m
Export determination: 6.
Rationale: CHG: Archive225 and test225: change in bed position was done after extrusion

Change #281 with diff file ISSM-12978-12979.diff:

Function name:
M /issm/trunk-jpl/src/m/classes/mesh.m
Export determination: 6.
Rationale: BUG: allow 10^{-10} tolerance for mesh.z compared to bed and surface

Change #282 with diff file ISSM-12979-12980.diff:

Function name:
M /issm/trunk-jpl/src/m/model/plot/applyoptions.m M /issm/trunk-jpl/src/m/model/plot/processdata.m
M /issm/trunk-jpl/src/m/model/plot/processmesh.m
Export determination: 6.
Rationale: CHG: adapted plotting routines to @planet class, where the @model.mesh object is a @planetmesh, which does not have all the fields that a more classic @mesh class object.

Change #283 with diff file ISSM-12980-12981.diff:

Function name:
M /issm/trunk-jpl/src/m/classes/model/planet.m M /issm/trunk-jpl/src/m/classes/planetmesh.m
Export determination: 6.
Rationale: NEW: implemented a new planetmesh object, simplified mesh object and plugged it into the @planet.mesh field.

Change #284 with diff file ISSM-12981-12982.diff:

Function name:

M /issm/trunk-jpl/src/m/model/mesh/planet/planetmesher.m M /issm/trunk-

jpl/src/m/model/mesh/planet/planetmixedmesh.m M /issm/trunk-jpl/src/m/model/mesh/planet/planettrim

D /issm/trunk-jpl/src/m/model/mesh/planet/runme.m

Export determination: 6.

Rationale: CHG: changing routine names. Getting rid of runme.m file, which is not needed anymore.

Change #285 with diff file ISSM-12982-12983.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: forgot to get rid of top level fields such as r, theta and fi, which have been pushed down to the @planetmesh level.

Change #286 with diff file ISSM-12983-12984.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: added flag for valgrind use on MacOSX platforms.

Change #287 with diff file ISSM-12984-12985.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added PYTHON and swyg bindings. Ignore some files for svn.

Change #288 with diff file ISSM-12985-12986.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: include python bindings + ignore some files for svn.

Change #289 with diff file ISSM-12986-12987.diff:

Function name:

M /issm/trunk-jpl/externalpackages M /issm/trunk-jpl/externalpackages/apr
M /issm/trunk-jpl/externalpackages/apr-util M /issm/trunk-jpl/externalpackages/distribute
M /issm/trunk-jpl/externalpackages/pysvn M /issm/trunk-jpl/externalpackages/pysvn/install.sh
M /issm/trunk-jpl/externalpackages/readline M /issm/trunk-jpl/externalpackages/sqlite

Export determination: 6.

Rationale: CHG: ignore some files for svn.

Change #290 with diff file ISSM-12987-12988.diff:

Function name:

M /issm/trunk-jpl M /issm/trunk-jpl/src/c/classes/matrix/Matrix.cpp 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: changed the default constructor, according to which library is available. This way, if Petsc is not available, Matrix and Vector constructors default to SeqMat and SeqVec structures.

Change #291 with diff file ISSM-12988-12989.diff:

Function name:

M /issm/trunk-jpl/configs/config-macosx64-larour-ad.sh M /issm/trunk-jpl/src/c/classes/objects/Params/Tra
M /issm/trunk-jpl/src/c/modules/Solverx/Solverx.h M /issm/trunk-jpl/src/c/modules/Solverx/SolverxSeq.cp
M /issm/trunk-jpl/src/c/shared/Elements/PddSurfaceMassBalance.cpp M /issm/trunk-jpl/src/c/solutions/issm.cpp M /issm/trunk-jpl/src/m/model/solve.m

Export determination: 6.

Rationale: NEW: created wrapper to SolverxSeq solver, so that when running with Adolc support, we can go from solving for a IssmDouble* vector solution to solving a double* vector solution, and come back to an IssmDouble* vector. In addition, added tape start phase and tape statistics at the beginning and end of issm.cpp respectively. Also fixed a bug (reCast type) in PddSurfaceMassBalance. Fixed a bug in solve.m, where cluster.np was set to 1 too late for Adolc runs. config-macosx64-larour-ad.sh now defaults to using adolc.

Change #292 with diff file ISSM-12989-12990.diff:

Function name:

M /issm/trunk-jpl/m4/issm_options.m4 M /issm/trunk-jpl/src/c/Makefile.am
M /issm/trunk-jpl/src/modules/matlab/Makefile.am M /issm/trunk-jpl/src/modules/python/Makefile.am

Export determination: 6.

Rationale: CHG: Changed deprecated 'INCLUDES' to 'AM_CPPFLAGS'.

Change #293 with diff file ISSM-12990-12991.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Minor correction to /home/glperez/issm/issm-uci/trunk-jpl/src/c/Makefile.am

Change #294 with diff file ISSM-12991-12992.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: homogenized externalpackages DIR path (should end by install)

Change #295 with diff file ISSM-12992-12993.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: during installation some packages are not in the PATH because they were not installed when environment.sh was sources

Change #296 with diff file ISSM-12993-12994.diff:

Function name:

M /issm/trunk-jpl/src/modules/TriMeshProcessRifts/TriMeshProcessRifts.cpp

Export determination: 6.

Rationale: CHG: moving `_error_` to `_error2_`

Change #297 with diff file ISSM-12994-12995.diff:

Function name:

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

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: CHG: moving _error_ to _error2_

Change #298 with diff file ISSM-12995-12996.diff:

Function name:

A /issm/trunk-jpl/src/m/qmu/lclist_write.m (from /issm/trunk-jpl/src/m/utls/qmu/lclist_write.m:12992)
A /issm/trunk-jpl/src/m/qmu/param_write.m (from /issm/trunk-jpl/src/m/utls/qmu/param_write.m:12992)
A /issm/trunk-jpl/src/m/qmu/rlev_write.m (from /issm/trunk-jpl/src/m/utls/qmu/rlev_write.m:12992)
A /issm/trunk-jpl/src/m/qmu/rlist_write.m (from /issm/trunk-jpl/src/m/utls/qmu/rlist_write.m:12992)
A /issm/trunk-jpl/src/m/qmu/vector_write.m (from /issm/trunk-jpl/src/m/utls/qmu/vector_write.m:12992)
A /issm/trunk-jpl/src/m/qmu/vlist_write.m (from /issm/trunk-jpl/src/m/utls/qmu/vlist_write.m:12992)
D /issm/trunk-jpl/src/m/utls/qmu

Export determination: 6.

Rationale: CHG: moved utls/qmu in qmu

Change #299 with diff file ISSM-12996-12997.diff:

Function name:

A /issm/trunk-jpl/src/m/Array (from /issm/trunk-jpl/src/m/utls/Array:12992)
A /issm/trunk-jpl/src/m/BC (from /issm/trunk-jpl/src/m/utls/BC:12992) A
/issm/trunk-jpl/src/m/Basins (from /issm/trunk-jpl/src/m/utls/Basins:12992)
A /issm/trunk-jpl/src/m/Cluster (from /issm/trunk-jpl/src/m/utls/Cluster:12992)
A /issm/trunk-jpl/src/m/DataProcessing (from /issm/trunk-jpl/src/m/utls/DataProcessing:12992)
A /issm/trunk-jpl/src/m/Ecco3 (from /issm/trunk-jpl/src/m/utls/Ecco3:12992)
A /issm/trunk-jpl/src/m/Exp (from /issm/trunk-jpl/src/m/utls/Exp:12992)
A /issm/trunk-jpl/src/m/Geometry (from /issm/trunk-jpl/src/m/utls/Geometry:12992)
A /issm/trunk-jpl/src/m/ImageProcessing (from /issm/trunk-jpl/src/m/utls/ImageProcessing:12992)
A /issm/trunk-jpl/src/m/Interp (from /issm/trunk-jpl/src/m/utls/Interp:12992)
A /issm/trunk-jpl/src/m/Kml (from /issm/trunk-jpl/src/m/utls/Kml:12992)
A /issm/trunk-jpl/src/m/LatLong (from /issm/trunk-jpl/src/m/utls/LatLong:12992)
A /issm/trunk-jpl/src/m/Math (from /issm/trunk-jpl/src/m/utls/Math:12992)
A /issm/trunk-jpl/src/m/Meca (from /issm/trunk-jpl/src/m/utls/Meca:12992)
A /issm/trunk-jpl/src/m/Mesh (from /issm/trunk-jpl/src/m/utls/Mesh:12992)
A /issm/trunk-jpl/src/m/Miscellaneous (from /issm/trunk-jpl/src/m/utls/Miscellaneous:12992)
A /issm/trunk-jpl/src/m/Model (from /issm/trunk-jpl/src/m/utls/Model:12992)
A /issm/trunk-jpl/src/m/Numerics (from /issm/trunk-jpl/src/m/utls/Numerics:12992)
A /issm/trunk-jpl/src/m/OS (from /issm/trunk-jpl/src/m/utls/OS:12992) A
/issm/trunk-jpl/src/m/Plot (from /issm/trunk-jpl/src/m/utls/Plot:12992) A
/issm/trunk-jpl/src/m/Shell (from /issm/trunk-jpl/src/m/utls/Shell:12992) A
/issm/trunk-jpl/src/m/String (from /issm/trunk-jpl/src/m/utls/String:12992)
A /issm/trunk-jpl/src/m/consistency (from /issm/trunk-jpl/src/m/utls/consistency:12992)

A /issm/trunk-jpl/src/m/recursivepath.m (from /issm/trunk-jpl/src/m/utls/recursivepath.m:12992)
D /issm/trunk-jpl/src/m/utls
Export determination: 6.
Rationale: CHG: moved src/m/utls/ to src/m

Change #300 with diff file ISSM-12997-12998.diff:

Function name:

D /issm/trunk-jpl/src/m/Array D /issm/trunk-jpl/src/m/BC D /issm/trunk-jpl/src/m/Basins D /issm/trunk-jpl/src/m/Cluster D /issm/trunk-jpl/src/m/DataProcessing
D /issm/trunk-jpl/src/m/Ecco3 D /issm/trunk-jpl/src/m/Exp D /issm/trunk-jpl/src/m/Geometry D /issm/trunk-jpl/src/m/ImageProcessing D /issm/trunk-jpl/src/m/Interp D /issm/trunk-jpl/src/m/Kml D /issm/trunk-jpl/src/m/LatLong
D /issm/trunk-jpl/src/m/Math D /issm/trunk-jpl/src/m/Meca D /issm/trunk-jpl/src/m/Mesh D /issm/trunk-jpl/src/m/Miscellaneous D /issm/trunk-jpl/src/m/Model
D /issm/trunk-jpl/src/m/Numerics D /issm/trunk-jpl/src/m/OS D /issm/trunk-jpl/src/m/Plot D /issm/trunk-jpl/src/m/Shell D /issm/trunk-jpl/src/m/String
A /issm/trunk-jpl/src/m/array (from /issm/trunk-jpl/src/m/Array:12996) A /issm/trunk-jpl/src/m/basins (from /issm/trunk-jpl/src/m/Basins:12996) A /issm/trunk-jpl/src/m/boundaryconditions (from /issm/trunk-jpl/src/m/BC:12996) A /issm/trunk-jpl/src/m/cluster (from /issm/trunk-jpl/src/m/Cluster:12996) A /issm/trunk-jpl/src/m/dataprocessing (from /issm/trunk-jpl/src/m/DataProcessing:12996)
A /issm/trunk-jpl/src/m/ecco3 (from /issm/trunk-jpl/src/m/Ecco3:12996) A /issm/trunk-jpl/src/m/exp (from /issm/trunk-jpl/src/m/Exp:12996) A /issm/trunk-jpl/src/m/geometry (from /issm/trunk-jpl/src/m/Geometry:12996) A /issm/trunk-jpl/src/m/interp (from /issm/trunk-jpl/src/m/Interp:12996) A /issm/trunk-jpl/src/m/kml/exp2kml.m (from /issm/trunk-jpl/src/m/Kml/exp2kml.m:12996) A /issm/trunk-jpl/src/m/kml/kml2exp.m (from /issm/trunk-jpl/src/m/Kml/kml2exp.m:12996) A /issm/trunk-jpl/src/m/kml/kml2exp.m (from /issm/trunk-jpl/src/m/Kml/kml2exp.m:12996) A /issm/trunk-jpl/src/m/kml/kml2exp.m (from /issm/trunk-jpl/src/m/Kml/kml2exp.m:12996) A /issm/trunk-jpl/src/m/latlong (from /issm/trunk-jpl/src/m/LatLong:12996) A /issm/trunk-jpl/src/m/math (from /issm/trunk-jpl/src/m/Math:12996) A /issm/trunk-jpl/src/m/meca (from /issm/trunk-jpl/src/m/Meca:12996) A /issm/trunk-jpl/src/m/mesh (from /issm/trunk-jpl/src/m/Mesh:12996) A /issm/trunk-jpl/src/m/miscellaneous (from /issm/trunk-jpl/src/m/Miscellaneous:12996) A /issm/trunk-jpl/src/m/model/loadmodel.m (from /issm/trunk-jpl/src/m/Model/loadmodel.m:12996) A /issm/trunk-jpl/src/m/model/loadmodellist.m (from /issm/trunk-jpl/src/m/Model/loadmodellist.m:12996) A /issm/trunk-jpl/src/m/numerics (from /issm/trunk-jpl/src/m/Numerics:12996) A /issm/trunk-jpl/src/m/os (from /issm/trunk-jpl/src/m/OS:12996) A /issm/trunk-jpl/src/m/plot (from /issm/trunk-jpl/src/m/Plot:12996) A /issm/trunk-jpl/src/m/shell (from /issm/trunk-jpl/src/m/Shell:12996)
A /issm/trunk-jpl/src/m/string (from /issm/trunk-jpl/src/m/String:12996)
Export determination: 6.
Rationale: CHG: moved directories to lower case

Change #301 with diff file ISSM-12998-12999.diff:

Function name:

A /issm/trunk-jpl/src/m/math/cfl_step.m (from /issm/trunk-jpl/src/m/numerics/cfl_step.m:12997)

D /issm/trunk-jpl/src/m/numerics

Export determination: 6.

Rationale: CHG: moved numerics to math

Change #302 with diff file ISSM-12999-13000.diff:

Function name:

A /issm/trunk-jpl/src/m/os/flaimdir.m (from /issm/trunk-jpl/src/m/shell/flaimdir.m:12997)

A /issm/trunk-jpl/src/m/os/issmdir.m (from /issm/trunk-jpl/src/m/shell/issmdir.m:12997)

A /issm/trunk-jpl/src/m/os/issmdir.py (from /issm/trunk-jpl/src/m/shell/issmdir.py:12997)

A /issm/trunk-jpl/src/m/os/jplsvn.m (from /issm/trunk-jpl/src/m/shell/jplsvn.m:12997)

A /issm/trunk-jpl/src/m/os/shell (from /issm/trunk-jpl/src/m/shell:12997) D

/issm/trunk-jpl/src/m/os/shell/flaimdir.m D /issm/trunk-jpl/src/m/os/shell/issmdir.m

D /issm/trunk-jpl/src/m/os/shell/issmdir.py D /issm/trunk-jpl/src/m/os/shell/jplsvn.m

D /issm/trunk-jpl/src/m/os/shell/ucisvn.m A /issm/trunk-jpl/src/m/os/ucisvn.m

(from /issm/trunk-jpl/src/m/shell/ucisvn.m:12997) D /issm/trunk-jpl/src/m/shell

Export determination: 6.

Rationale: CHG: moved shell to os

Change #303 with diff file ISSM-13000-13001.diff:

Function name:

D /issm/trunk-jpl/src/m/os/shell

Export determination: 6.

Rationale: CHG: moved shell to os

Change #304 with diff file ISSM-13001-13002.diff:

Function name:

A /issm/trunk-jpl/src/m/os/recursivepath.m (from /issm/trunk-jpl/src/m/recursivepath.m:12996)

D /issm/trunk-jpl/src/m/recursivepath.m

Export determination: 6.

Rationale: CHG:moved recursivepath to os

Change #305 with diff file ISSM-13002-13003.diff:

Function name:
M /issm/trunk-jpl/startup.m
Export determination: 6.
Rationale: CHG:moved recursivepath to os

Change #306 with diff file ISSM-13003-13004.diff:

Function name:
A /issm/trunk-jpl/src/m/model/solve
Export determination: 6.
Rationale: CHG: added solve

Change #307 with diff file ISSM-13004-13005.diff:

Function name:
D /issm/trunk-jpl/src/m/model/WriteData.m D /issm/trunk-jpl/src/m/model/WriteData.py
D /issm/trunk-jpl/src/m/model/ismodelselfconsistent.m D /issm/trunk-jpl/src/m/model/ismodelselfconsistent.py
D /issm/trunk-jpl/src/m/model/loadmultipleresultsfromcluster.m D /issm/trunk-jpl/src/m/model/loadresultsfromcluster.m D /issm/trunk-jpl/src/m/model/loadresultsfromcluster.py
D /issm/trunk-jpl/src/m/model/loadresultsfromdisk.m D /issm/trunk-jpl/src/m/model/loadresultsfromdisk.py
D /issm/trunk-jpl/src/m/model/marshall.m D /issm/trunk-jpl/src/m/model/marshall.py
D /issm/trunk-jpl/src/m/model/petscversion.m D /issm/trunk-jpl/src/m/model/petscversion.py
D /issm/trunk-jpl/src/m/model/process_solve_options.m D /issm/trunk-jpl/src/m/model/process_solve_options.py
A /issm/trunk-jpl/src/m/model/solve/WriteData.m (from /issm/trunk-jpl/src/m/model/WriteData.m:12996)
A /issm/trunk-jpl/src/m/model/solve/WriteData.py (from /issm/trunk-jpl/src/m/model/WriteData.py:12996)
A /issm/trunk-jpl/src/m/model/solve/ismodelselfconsistent.m (from /issm/trunk-jpl/src/m/model/ismodelselfconsistent.m:12996) A /issm/trunk-jpl/src/m/model/solve/ismodelselfconsistent.py (from /issm/trunk-jpl/src/m/model/ismodelselfconsistent.py:12996) A /issm/trunk-jpl/src/m/model/solve/loadmultipleresultsfromcluster.m (from /issm/trunk-jpl/src/m/model/loadmultipleresultsfromcluster.m:12996) A /issm/trunk-jpl/src/m/model/solve/loadresultsfromcluster.m (from /issm/trunk-jpl/src/m/model/loadresultsfromcluster.m:12996) A /issm/trunk-jpl/src/m/model/solve/loadresultsfromcluster.py (from /issm/trunk-jpl/src/m/model/loadresultsfromcluster.py:12996) A /issm/trunk-jpl/src/m/model/solve/loadresultsfromdisk.m (from /issm/trunk-jpl/src/m/model/loadresultsfromdisk.m:12996) A /issm/trunk-jpl/src/m/model/solve/loadresultsfromdisk.py (from /issm/trunk-jpl/src/m/model/loadresultsfromdisk.py:12996) A /issm/trunk-jpl/src/m/model/solve/marshall.m (from /issm/trunk-jpl/src/m/model/marshall.m:12996) A /issm/trunk-jpl/src/m/model/solve/marshall.py (from /issm/trunk-jpl/src/m/model/marshall.py:12996) A /issm/trunk-jpl/src/m/model/solve/process_solve_options.m (from /issm/trunk-jpl/src/m/model/process_solve_options.m:12996) A /issm/trunk-jpl/src/m/model/solve/process_solve_options.py (from /issm/trunk-jpl/src/m/model/process_solve_options.py:12996) A /issm/trunk-jpl/src/m/model/solve/solve.m (from /issm/trunk-jpl/src/m/model/solve.m:12996) A /issm/trunk-jpl/src/m/model/solve/solve.py (from /issm/trunk-jpl/src/m/model/solve.py:12996)
D /issm/trunk-jpl/src/m/model/solve.m D /issm/trunk-jpl/src/m/model/solve.py

A /issm/trunk-jpl/src/m/os/petscversion.m (from /issm/trunk-jpl/src/m/model/petscversion.m:12996)
A /issm/trunk-jpl/src/m/os/petscversion.py (from /issm/trunk-jpl/src/m/model/petscversion.py:12996)
Export determination: 6.
Rationale: CHG: moving stuff around

Change #308 with diff file ISSM-13005-13006.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/model/model.m A /issm/trunk-jpl/src/m/interp/averaging.m
(from /issm/trunk-jpl/src/m/model/averaging.m:12996) A /issm/trunk-jpl/src/m/meca/basalstress.m
(from /issm/trunk-jpl/src/m/model/basalstress.m:12996) A /issm/trunk-jpl/src/m/meca/mechanicalproperties.m
(from /issm/trunk-jpl/src/m/model/mechanicalproperties.m:12996) D /issm/trunk-jpl/src/m/model/AnalysisConfiguration.m D /issm/trunk-jpl/src/m/model/AnalysisConfiguration.py
D /issm/trunk-jpl/src/m/model/BasinConstrain.m D /issm/trunk-jpl/src/m/model/BasinConstrainShelf.m
D /issm/trunk-jpl/src/m/model/addnote.m D /issm/trunk-jpl/src/m/model/addnote.py
D /issm/trunk-jpl/src/m/model/averageconnectivity.m D /issm/trunk-jpl/src/m/model/averaging.m
D /issm/trunk-jpl/src/m/model/basalstress.m D /issm/trunk-jpl/src/m/model/basevert.m
D /issm/trunk-jpl/src/m/model/bedslope.m D /issm/trunk-jpl/src/m/model/collapse.m
D /issm/trunk-jpl/src/m/model/extrude.m D /issm/trunk-jpl/src/m/model/mechanicalproperties.m
D /issm/trunk-jpl/src/m/model/modelextract.m A /issm/trunk-jpl/src/m/model/regional
A /issm/trunk-jpl/src/m/model/regional/BasinConstrain.m (from /issm/trunk-jpl/src/m/model/BasinConstrain.m:12996) A /issm/trunk-jpl/src/m/model/regional/BasinConstrainShelf.m
(from /issm/trunk-jpl/src/m/model/BasinConstrainShelf.m:12996) M /issm/trunk-jpl/src/m/model/solve/ismodelselfconsistent.m M /issm/trunk-jpl/src/m/model/solve/ismodelselfconsistent.py
Export determination: 6.
Rationale: CHG: moved modelextract to extract, extrude and collapse are now methods of model

Change #309 with diff file ISSM-13006-13007.diff:

Function name:

A /issm/trunk-jpl/src/m/contrib A /issm/trunk-jpl/src/m/contrib/ecco A /issm/trunk-jpl/src/m/contrib/massbalance A /issm/trunk-jpl/src/m/contrib/massbalance/contourmassbalance.m
(from /issm/trunk-jpl/src/m/model/contourmassbalance.m:12996) D /issm/trunk-jpl/src/m/model/contourenvelope.m D /issm/trunk-jpl/src/m/model/contourmassbalance.m
A /issm/trunk-jpl/src/m/model/inversions A /issm/trunk-jpl/src/m/model/inversions/parametercontrolB.m
(from /issm/trunk-jpl/src/m/model/parameterization/parametercontrolB.m:12996)
A /issm/trunk-jpl/src/m/model/inversions/parametercontroldrag.m (from /issm/trunk-jpl/src/m/model/parameterization/parametercontroldrag.m:12996) D /issm/trunk-jpl/src/m/model/parameterization/parametercontroloptimization.m A /issm/trunk-jpl/src/m/model/parameterization/contourenvelope.m
(from /issm/trunk-jpl/src/m/model/contourenvelope.m:12996) D /issm/trunk-jpl/src/m/model/parameterization/parametercontrolB.m D /issm/trunk-jpl/src/m/model/parameterization/parametercontroldrag.m

A /issm/trunk-jpl/src/m/model/parameterization/setflowequation.m (from /issm/trunk-jpl/src/m/model/setflowequation.m:12996) A /issm/trunk-jpl/src/m/model/parameterization/setflowequation.py (from /issm/trunk-jpl/src/m/model/setflowequation.py:12996) A /issm/trunk-jpl/src/m/model/parameterization/setmask.m (from /issm/trunk-jpl/src/m/model/setmask.m:12996) A /issm/trunk-jpl/src/m/model/parameterization/setmask.py (from /issm/trunk-jpl/src/m/model/setmask.py:12996) A /issm/trunk-jpl/src/m/model/parameterization/setmask2.m (from /issm/trunk-jpl/src/m/model/setmask2.m:12996) D /issm/trunk-jpl/src/m/model/parseresultsfromdisk.py A /issm/trunk-jpl/src/m/model/print A /issm/trunk-jpl/src/m/model/print/printmodel.m (from /issm/trunk-jpl/src/m/model/printmodel.m:12996) D /issm/trunk-jpl/src/m/model/printmodel.m D /issm/trunk-jpl/src/m/model/qpr.m D /issm/trunk-jpl/src/m/model/setflowequation.m D /issm/trunk-jpl/src/m/model/setflowequation.py D /issm/trunk-jpl/src/m/model/setmask.m D /issm/trunk-jpl/src/m/model/setmask.py D /issm/trunk-jpl/src/m/model/setmask2.m A /issm/trunk-jpl/src/m/model/solve/parseresultsfromdisk.m (from /issm/trunk-jpl/src/m/model/parseresultsfromdisk.m:12996) A /issm/trunk-jpl/src/m/model/solve/parseresultsfromdisk.py (from /issm/trunk-jpl/src/m/model/parseresultsfromdisk.py:12996) A /issm/trunk-jpl/src/m/model/solve/waitonlock.m (from /issm/trunk-jpl/src/m/model/waitonlock.m:12996) A /issm/trunk-jpl/src/m/model/solve/waitonlock.py (from /issm/trunk-jpl/src/m/model/waitonlock.py:12996) D /issm/trunk-jpl/src/m/model/waitonlock.m D /issm/trunk-jpl/src/m/model/waitonlock.py
 Export determination: 6.
 Rationale: CHG: moved some stuff to contrib

Change #310 with diff file ISSM-13007-13008.diff:

Function name:

A /issm/trunk-jpl/src/m/contrib/hydrology A /issm/trunk-jpl/src/m/contrib/hydrology/effectivepressure.m (from /issm/trunk-jpl/src/m/model/effectivepressure.m:12996) A /issm/trunk-jpl/src/m/contrib/massbalance/divergence.m (from /issm/trunk-jpl/src/m/model/divergence.m:12996) A /issm/trunk-jpl/src/m/kml/kmlimagesc.m (from /issm/trunk-jpl/src/m/model/kmlimagesc.m:12996) A /issm/trunk-jpl/src/m/meca/drivingstress.m (from /issm/trunk-jpl/src/m/model/drivingstress.m:12996) A /issm/trunk-jpl/src/m/miscellaneous/MatlabFuncs.py (from /issm/trunk-jpl/src/m/model/MatlabFuncs.py:12996) D /issm/trunk-jpl/src/m/model/DepthAverage.m D /issm/trunk-jpl/src/m/model/EnumToModelField.m D /issm/trunk-jpl/src/m/model/MatlabFuncs.py D /issm/trunk-jpl/src/m/model/MatlabProcessPatch.m D /issm/trunk-jpl/src/m/model/MatlabProcessPatch.py D /issm/trunk-jpl/src/m/model/divergence.m D /issm/trunk-jpl/src/m/model/drivingstress.m D /issm/trunk-jpl/src/m/model/effectivepressure.m A /issm/trunk-jpl/src/m/model/extrusion A /issm/trunk-jpl/src/m/model/extrusion/DepthAverage.m (from /issm/trunk-jpl/src/m/model/DepthAverage.m:12996) A /issm/trunk-jpl/src/m/model/extrusion/project2d.m (from /issm/trunk-jpl/src/m/model/project2d.m:12996) A /issm/trunk-jpl/src/m/model/extrusion/project3d.m (from /issm/trunk-jpl/src/m/model/project3d.m:12996) D /issm/trunk-jpl/src/m/model/graddetection.m A /issm/trunk-jpl/src/m/model/io A /issm/trunk-jpl/src/m/model/io/loadmodel.m (from /issm/trunk-jpl/src/m/model/loadmodel.m:12997) A /issm/trunk-jpl/src/m/model/io/loadmodellist.m (from /issm/trunk-jpl/src/m/model/loadmodellist.m:12997) D /issm/trunk-jpl/src/m/model/kmlimagesc.m D /issm/trunk-jpl/src/m/model/loadmodel.m D /issm/trunk-jpl/src/m/model/loadmodellist.m D /issm/trunk-jpl/src/m/model/project2d.m D /issm/trunk-jpl/src/m/model/project3d.m A /issm/trunk-jpl/src/m/model/solve/MatlabProcessPatch.m (from /issm/trunk-jpl/src/m/model/solve/MatlabProcessPatch.m:12996)

jpl/src/m/model/MatlabProcessPatch.m:12996) A /issm/trunk-jpl/src/m/model/solve/MatlabProcessPatch.p
(from /issm/trunk-jpl/src/m/model/MatlabProcessPatch.py:12996) M /issm/trunk-
jpl/src/m/model/tres.m
Export determination: 6.
Rationale: CHG: moving stuff around

Change #311 with diff file ISSM-13008-13009.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/modellist.m A /issm/trunk-jpl/src/m/contrib/ecco/MeltingGroundingLines.
(from /issm/trunk-jpl/src/m/model/MeltingGroundingLines.m:12996) A /issm/trunk-
jpl/src/m/contrib/ecco/PropagateFlagsUntilDistance.m (from /issm/trunk-jpl/src/m/model/PropagateFlagsU
A /issm/trunk-jpl/src/m/contrib/hack A /issm/trunk-jpl/src/m/contrib/hack/thicknesssevolution.m
(from /issm/trunk-jpl/src/m/model/thicknesssevolution.m:12996) A /issm/trunk-
jpl/src/m/contrib/hack/tres.m (from /issm/trunk-jpl/src/m/model/tres.m:13007)
A /issm/trunk-jpl/src/m/contrib/massbalance/outflow.m (from /issm/trunk-
jpl/src/m/model/outflow.m:12996) A /issm/trunk-jpl/src/m/geometry/ThicknessCorrection.m
(from /issm/trunk-jpl/src/m/model/ThicknessCorrection.m:12996) A /issm/trunk-
jpl/src/m/geometry/recover_areas.m (from /issm/trunk-jpl/src/m/model/recover_areas.m:12996)
A /issm/trunk-jpl/src/m/geometry/recover_areas.py (from /issm/trunk-jpl/src/m/model/recover_areas.py:129
A /issm/trunk-jpl/src/m/geometry/slope.m (from /issm/trunk-jpl/src/m/model/slope.m:12996)
A /issm/trunk-jpl/src/m/interp/ProfileValues.m (from /issm/trunk-jpl/src/m/model/ProfileValues.m:12996)
A /issm/trunk-jpl/src/m/interp/SectionValues.m (from /issm/trunk-jpl/src/m/model/SectionValues.m:12996)
A /issm/trunk-jpl/src/m/meca/shear2d.m (from /issm/trunk-jpl/src/m/model/shear2d.m:12996)
D /issm/trunk-jpl/src/m/model/MeltingGroundingLines.m D /issm/trunk-jpl/src/m/model/ProfileValues.m
D /issm/trunk-jpl/src/m/model/PropagateFlagsUntilDistance.m D /issm/trunk-
jpl/src/m/model/README D /issm/trunk-jpl/src/m/model/SectionValues.m
D /issm/trunk-jpl/src/m/model/ThicknessCorrection.m A /issm/trunk-jpl/src/m/model/inversions/misfit.m
(from /issm/trunk-jpl/src/m/model/misfit.m:12996) M /issm/trunk-jpl/src/m/model/mesh/bamg.m
D /issm/trunk-jpl/src/m/model/misfit.m D /issm/trunk-jpl/src/m/model/modelsextract.m
D /issm/trunk-jpl/src/m/model/modelsextractfromdomains.m D /issm/trunk-
jpl/src/m/model/modis.m D /issm/trunk-jpl/src/m/model/outflow.m A /issm/trunk-
jpl/src/m/model/plot/radarpower.m (from /issm/trunk-jpl/src/m/model/radarpower.m:12996)
D /issm/trunk-jpl/src/m/model/processgeometry.m D /issm/trunk-jpl/src/m/model/qstat.m
D /issm/trunk-jpl/src/m/model/radarpower.m D /issm/trunk-jpl/src/m/model/recover_areas.m
D /issm/trunk-jpl/src/m/model/recover_areas.py A /issm/trunk-jpl/src/m/model/regional/regionaltransient2
(from /issm/trunk-jpl/src/m/model/regionaltransient2d.m:12996) D /issm/trunk-
jpl/src/m/model/regionaltransient2d.m D /issm/trunk-jpl/src/m/model/shear2d.m
D /issm/trunk-jpl/src/m/model/sia.m D /issm/trunk-jpl/src/m/model/slope.m
D /issm/trunk-jpl/src/m/model/thicknesssevolution.m D /issm/trunk-jpl/src/m/model/tres.m
Export determination: 6.
Rationale: CHG: moved stuff around

Change #312 with diff file ISSM-13009-13010.diff:

Function name:

A /issm/trunk-jpl/src/m/contrib/hack/sia.m (from /issm/trunk-jpl/src/m/model/sia.m:13000)
A /issm/trunk-jpl/src/m/display (from /issm/trunk-jpl/src/m/model/display:13008)
A /issm/trunk-jpl/src/m/extrusion (from /issm/trunk-jpl/src/m/model/extrusion:13008)
A /issm/trunk-jpl/src/m/inversions (from /issm/trunk-jpl/src/m/model/inversions:13008)
A /issm/trunk-jpl/src/m/io (from /issm/trunk-jpl/src/m/model/io:13008) A
/issm/trunk-jpl/src/m/mesh/bamg.m (from /issm/trunk-jpl/src/m/model/mesh/bamg.m:13008)
A /issm/trunk-jpl/src/m/mesh/findsegments.m (from /issm/trunk-jpl/src/m/model/mesh/findsegments.m:13008)
A /issm/trunk-jpl/src/m/mesh/meshconvert.m (from /issm/trunk-jpl/src/m/model/mesh/meshconvert.m:13008)
A /issm/trunk-jpl/src/m/mesh/planet (from /issm/trunk-jpl/src/m/model/mesh/planet:13008)
A /issm/trunk-jpl/src/m/mesh/rifts (from /issm/trunk-jpl/src/m/model/mesh/rifts:13008)
A /issm/trunk-jpl/src/m/mesh/triangle.m (from /issm/trunk-jpl/src/m/model/mesh/triangle.m:13008)
A /issm/trunk-jpl/src/m/mesh/triangle.py (from /issm/trunk-jpl/src/m/model/mesh/triangle.py:13008)
A /issm/trunk-jpl/src/m/mesh/yams.m (from /issm/trunk-jpl/src/m/model/mesh/yams.m:13008)
D /issm/trunk-jpl/src/m/model A /issm/trunk-jpl/src/m/multiplequeue (from
/issm/trunk-jpl/src/m/model/multiplequeue:13008) A /issm/trunk-jpl/src/m/parameterization
(from /issm/trunk-jpl/src/m/model/parameterization:13008) A /issm/trunk-
jpl/src/m/partition (from /issm/trunk-jpl/src/m/model/partition:13008) A /issm/trunk-
jpl/src/m/plot/applyoptions.m (from /issm/trunk-jpl/src/m/model/plot/applyoptions.m:13008)
A /issm/trunk-jpl/src/m/plot/arrow.m (from /issm/trunk-jpl/src/m/model/plot/arrow.m:13008)
A /issm/trunk-jpl/src/m/plot/checkplotoptions.m (from /issm/trunk-jpl/src/m/model/plot/checkplotoptions.m:13008)
A /issm/trunk-jpl/src/m/plot/colormaps (from /issm/trunk-jpl/src/m/model/plot/colormaps:13008)
A /issm/trunk-jpl/src/m/plot/imagescnan.m (from /issm/trunk-jpl/src/m/model/plot/imagescnan.m:13008)
A /issm/trunk-jpl/src/m/plot/kmlgroundoverlay.m (from /issm/trunk-jpl/src/m/model/plot/kmlgroundoverlay.m:13008)
A /issm/trunk-jpl/src/m/plot/latlonoverlay.m (from /issm/trunk-jpl/src/m/model/plot/latlonoverlay.m:13008)
A /issm/trunk-jpl/src/m/plot/northarrow.m (from /issm/trunk-jpl/src/m/model/plot/northarrow.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_BC.m (from /issm/trunk-jpl/src/m/model/plot/plot_BC.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_basaldrag.m (from /issm/trunk-jpl/src/m/model/plot/plot_basaldrag.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_boundaries.m (from /issm/trunk-jpl/src/m/model/plot/plot_boundaries.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_contour.m (from /issm/trunk-jpl/src/m/model/plot/plot_contour.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_drivingstress.m (from /issm/trunk-jpl/src/m/model/plot/plot_drivingstress.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_edges.m (from /issm/trunk-jpl/src/m/model/plot/plot_edges.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_elementnumbering.m (from /issm/trunk-jpl/src/m/model/plot/plot_elementnumbering.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_elementtype.m (from /issm/trunk-jpl/src/m/model/plot/plot_elementtype.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_gridded.m (from /issm/trunk-jpl/src/m/model/plot/plot_gridded.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_highlightelements.m (from /issm/trunk-jpl/src/m/model/plot/plot_highlightelements.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_highlightvertices.m (from /issm/trunk-jpl/src/m/model/plot/plot_highlightvertices.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_icefront.m (from /issm/trunk-jpl/src/m/model/plot/plot_icefront.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_importancefactors.m (from /issm/trunk-jpl/src/m/model/plot/plot_importancefactors.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_manager.m (from /issm/trunk-jpl/src/m/model/plot/plot_manager.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_mesh.m (from /issm/trunk-jpl/src/m/model/plot/plot_mesh.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_none.m (from /issm/trunk-jpl/src/m/model/plot/plot_none.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_overlay.m (from /issm/trunk-jpl/src/m/model/plot/plot_overlay.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_parthist.m (from /issm/trunk-jpl/src/m/model/plot/plot_parthist.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_parthistn.m (from /issm/trunk-jpl/src/m/model/plot/plot_parthistn.m:13008)

A /issm/trunk-jpl/src/m/plot/plot_parthistw.m (from /issm/trunk-jpl/src/m/model/plot/plot_parthistw.m:1308)
A /issm/trunk-jpl/src/m/plot/plot_penalties.m (from /issm/trunk-jpl/src/m/model/plot/plot_penalties.m:1308)
A /issm/trunk-jpl/src/m/plot/plot_profile.m (from /issm/trunk-jpl/src/m/model/plot/plot_profile.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_qmu_mass_flux_segments.m (from /issm/trunk-jpl/src/m/model/plot/plot_qmu_mass_flux_segments.m:13008) A /issm/trunk-jpl/src/m/plot/plot_qmuhistnorm.m (from /issm/trunk-jpl/src/m/model/plot/plot_qmuhistnorm.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_qmumean.m (from /issm/trunk-jpl/src/m/model/plot/plot_qmumean.m:1308)
A /issm/trunk-jpl/src/m/plot/plot_qmunormplot.m (from /issm/trunk-jpl/src/m/model/plot/plot_qmunormplot.m:1308)
A /issm/trunk-jpl/src/m/plot/plot_qmustddev.m (from /issm/trunk-jpl/src/m/model/plot/plot_qmustddev.m:1308)
A /issm/trunk-jpl/src/m/plot/plot_quiver.m (from /issm/trunk-jpl/src/m/model/plot/plot_quiver.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_quiver3.m (from /issm/trunk-jpl/src/m/model/plot/plot_quiver3.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_referential.m (from /issm/trunk-jpl/src/m/model/plot/plot_referential.m:1308)
A /issm/trunk-jpl/src/m/plot/plot_riftfraction.m (from /issm/trunk-jpl/src/m/model/plot/plot_riftfraction.m:1308)
A /issm/trunk-jpl/src/m/plot/plot_riftnumbering.m (from /issm/trunk-jpl/src/m/model/plot/plot_riftnumbering.m:1308)
A /issm/trunk-jpl/src/m/plot/plot_riftpenetration.m (from /issm/trunk-jpl/src/m/model/plot/plot_riftpenetration.m:1308)
A /issm/trunk-jpl/src/m/plot/plot_riftrelvel.m (from /issm/trunk-jpl/src/m/model/plot/plot_riftrelvel.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_rifts.m (from /issm/trunk-jpl/src/m/model/plot/plot_rifts.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_riftvel.m (from /issm/trunk-jpl/src/m/model/plot/plot_riftvel.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_sarpwr.m (from /issm/trunk-jpl/src/m/model/plot/plot_sarpwr.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_scatter.m (from /issm/trunk-jpl/src/m/model/plot/plot_scatter.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_section.m (from /issm/trunk-jpl/src/m/model/plot/plot_section.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_segments.m (from /issm/trunk-jpl/src/m/model/plot/plot_segments.m:1308)
A /issm/trunk-jpl/src/m/plot/plot_streamlines.m (from /issm/trunk-jpl/src/m/model/plot/plot_streamlines.m:1308)
A /issm/trunk-jpl/src/m/plot/plot_tensor.m (from /issm/trunk-jpl/src/m/model/plot/plot_tensor.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_tensor_components.m (from /issm/trunk-jpl/src/m/model/plot/plot_tensor_components.m:1308)
A /issm/trunk-jpl/src/m/plot/plot_tensor_principal.m (from /issm/trunk-jpl/src/m/model/plot/plot_tensor_principal.m:1308)
A /issm/trunk-jpl/src/m/plot/plot_tensor_principalaxis.m (from /issm/trunk-jpl/src/m/model/plot/plot_tensor_principalaxis.m:13008) A /issm/trunk-jpl/src/m/plot/plot_thermaltransient.m (from /issm/trunk-jpl/src/m/model/plot/plot_thermaltransient_results.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_transient_field.m (from /issm/trunk-jpl/src/m/model/plot/plot_transient_field.m:1308)
A /issm/trunk-jpl/src/m/plot/plot_transient_movie.m (from /issm/trunk-jpl/src/m/model/plot/plot_transient_movie.m:1308)
A /issm/trunk-jpl/src/m/plot/plot_transient_results.m (from /issm/trunk-jpl/src/m/model/plot/plot_transient_results.m:1308)
A /issm/trunk-jpl/src/m/plot/plot_unit.m (from /issm/trunk-jpl/src/m/model/plot/plot_unit.m:13008)
A /issm/trunk-jpl/src/m/plot/plot_vertexnumbering.m (from /issm/trunk-jpl/src/m/model/plot/plot_vertexnumbering.m:1308)
A /issm/trunk-jpl/src/m/plot/plotdoc.m (from /issm/trunk-jpl/src/m/model/plot/plotdoc.m:13008)
A /issm/trunk-jpl/src/m/plot/plotmodel.m (from /issm/trunk-jpl/src/m/model/plot/plotmodel.m:13008)
A /issm/trunk-jpl/src/m/plot/processdata.m (from /issm/trunk-jpl/src/m/model/plot/processdata.m:13008)
A /issm/trunk-jpl/src/m/plot/processmesh.m (from /issm/trunk-jpl/src/m/model/plot/processmesh.m:13008)
A /issm/trunk-jpl/src/m/plot/quiver_colorbar.m (from /issm/trunk-jpl/src/m/model/plot/quiver_colorbar.m:1308)
A /issm/trunk-jpl/src/m/plot/quiver_process.m (from /issm/trunk-jpl/src/m/model/plot/quiver_process.m:1308)
A /issm/trunk-jpl/src/m/plot/radarpower.m (from /issm/trunk-jpl/src/m/model/plot/radarpower.m:13008)
A /issm/trunk-jpl/src/m/plot/scaleruler.m (from /issm/trunk-jpl/src/m/model/plot/scaleruler.m:13008)
A /issm/trunk-jpl/src/m/plot/showregion.m (from /issm/trunk-jpl/src/m/model/plot/showregion.m:13008)
A /issm/trunk-jpl/src/m/plot/subplotmodel.m (from /issm/trunk-jpl/src/m/model/plot/subplotmodel.m:1308)
A /issm/trunk-jpl/src/m/print (from /issm/trunk-jpl/src/m/model/print:13008)
A /issm/trunk-jpl/src/m/regional (from /issm/trunk-jpl/src/m/model/regional:13008)

A /issm/trunk-jpl/src/m/solve (from /issm/trunk-jpl/src/m/model/solve:13008)
A /issm/trunk-jpl/src/m/solvers (from /issm/trunk-jpl/src/m/model/solvers:13008)
Export determination: 6.
Rationale: CHG: moved mode/* to src/m

Change #313 with diff file ISSM-13010-13011.diff:

Function name:

D /issm/trunk-jpl/src/m/basins D /issm/trunk-jpl/src/m/cluster A /issm/trunk-jpl/src/m/consistency/QueueRequirements.m (from /issm/trunk-jpl/src/m/cluster/QueueRequirements.m:1297)
A /issm/trunk-jpl/src/m/consistency/ismodelselfconsistent.m (from /issm/trunk-jpl/src/m/solve/ismodelselfconsistent.m:13009) A /issm/trunk-jpl/src/m/consistency/ismodelselfconsistent.py (from /issm/trunk-jpl/src/m/solve/ismodelselfconsistent.py:13009) A /issm/trunk-jpl/src/m/contrib/ecco/ecco32issm.m (from /issm/trunk-jpl/src/m/ecco3/ecco32issm.m:12997)
A /issm/trunk-jpl/src/m/contrib/ecco/issm2ecco3.m (from /issm/trunk-jpl/src/m/ecco3/issm2ecco3.m:12997) A /issm/trunk-jpl/src/m/contrib/gslib A /issm/trunk-jpl/src/m/contrib/gslib/gamv.m (from /issm/trunk-jpl/src/m/dataprocessing/gamv.m:12997) A /issm/trunk-jpl/src/m/contrib/gslib/gslib.m (from /issm/trunk-jpl/src/m/dataprocessing/gslib.m:12997) A /issm/trunk-jpl/src/m/contrib/gslib/pkriging.m (from /issm/trunk-jpl/src/m/dataprocessing/pkriging.m:12997) A /issm/trunk-jpl/src/m/contrib/gslib/varmap.m (from /issm/trunk-jpl/src/m/dataprocessing/varmap.m:12997)
A /issm/trunk-jpl/src/m/contrib/uci A /issm/trunk-jpl/src/m/contrib/uci/expremovestraightsegments.m (from /issm/trunk-jpl/src/m/exp/expremovestraightsegments.m:12997) A /issm/trunk-jpl/src/m/contrib/uci/expsplit.m (from /issm/trunk-jpl/src/m/exp/expsplit.m:12997)
A /issm/trunk-jpl/src/m/contrib/uci/pargenerate.m (from /issm/trunk-jpl/src/m/latlong/pargenerate.m:12997) D /issm/trunk-jpl/src/m/dataprocessing D /issm/trunk-jpl/src/m/display D /issm/trunk-jpl/src/m/ecco3 M /issm/trunk-jpl/src/m/exp/expbox.m D /issm/trunk-jpl/src/m/exp/expboxgen.m A /issm/trunk-jpl/src/m/exp/expcircle.m (from /issm/trunk-jpl/src/m/exp/expcreatecircle.m:12997) D /issm/trunk-jpl/src/m/exp/expcreatecircle.m M /issm/trunk-jpl/src/m/exp/expcreatecontour.m M /issm/trunk-jpl/src/m/exp/expcreateprofile.m D /issm/trunk-jpl/src/m/exp/expdoc.m M /issm/trunk-jpl/src/m/exp/expexcludeoutliers.m D /issm/trunk-jpl/src/m/exp/expgen.m M /issm/trunk-jpl/src/m/exp/explink.m D /issm/trunk-jpl/src/m/exp/expmaster.m D /issm/trunk-jpl/src/m/exp/exporientation.m A /issm/trunk-jpl/src/m/exp/expread.m (from /issm/trunk-jpl/src/m/exp/readwrite/expread.m:12997) D /issm/trunk-jpl/src/m/exp/expremovestraightsegments.m D /issm/trunk-jpl/src/m/exp/expsplit.m M /issm/trunk-jpl/src/m/exp/expsquare.m A /issm/trunk-jpl/src/m/exp/expwrite.m (from /issm/trunk-jpl/src/m/exp/readwrite/expwrite.m:12997) D /issm/trunk-jpl/src/m/exp/ginputquick.m D /issm/trunk-jpl/src/m/exp/readwrite M /issm/trunk-jpl/src/m/geometry/SegIntersect.m D /issm/trunk-jpl/src/m/interp/FieldFindVarNames.m D /issm/trunk-jpl/src/m/interp/FillHole.m M /issm/trunk-jpl/src/m/interp/InterpFromFile.m D /issm/trunk-jpl/src/m/interp/VelFindVarNames.m M /issm/trunk-jpl/src/m/interp/pluginvelocities.m A /issm/trunk-jpl/src/m/inversions/MisfitDeinterlace.m (from /issm/trunk-jpl/src/m/dataprocessing/MisfitDeinterlace.m:13009) D /issm/trunk-jpl/src/m/latlong/pargenerate.m M /issm/trunk-jpl/src/m/mesh/roundmesh.m A /issm/trunk-jpl/src/m/miscellaneous/fielddisplay.m (from /issm/trunk-jpl/src/m/display/fielddisplay.m:13009) A /issm/trunk-jpl/src/m/miscellaneous/parallellrange.m (from /issm/trunk-jpl/src/m/cluster/parallellrange.m:13009)

A /issm/trunk-jpl/src/m/miscellaneous/parallellrange.py (from /issm/trunk-jpl/src/m/cluster/parallellrange.py)
A /issm/trunk-jpl/src/m/regional/basinzoom.m (from /issm/trunk-jpl/src/m/basins/basinzoom.m:12997)
A /issm/trunk-jpl/src/m/regional/isbasin.m (from /issm/trunk-jpl/src/m/basins/isbasin.m:12997)
A /issm/trunk-jpl/src/m/regional/plotbasins.m (from /issm/trunk-jpl/src/m/basins/plotbasins.m:12997)
A /issm/trunk-jpl/src/m/regional/showbasins.m (from /issm/trunk-jpl/src/m/basins/showbasins.m:12997)
D /issm/trunk-jpl/src/m/solve/ismodelselfconsistent.m D /issm/trunk-jpl/src/m/solve/ismodelselfconsistent.py
Export determination: 6.
Rationale: CHG: moving stuff around

Change #314 with diff file ISSM-13011-13012.diff:

Function name:

A /issm/trunk-jpl/src/m/contrib/oasis A /issm/trunk-jpl/src/m/contrib/oasis/carter.m
(from /issm/trunk-jpl/src/m/meca/carter.m:12997) A /issm/trunk-jpl/src/m/materials
A /issm/trunk-jpl/src/m/materials/paterson.m (from /issm/trunk-jpl/src/m/meca/paterson.m:12997)
A /issm/trunk-jpl/src/m/materials/paterson.py (from /issm/trunk-jpl/src/m/meca/paterson.py:12997)
D /issm/trunk-jpl/src/m/math D /issm/trunk-jpl/src/m/meca/carter.m A /issm/trunk-
jpl/src/m/meca/cfl_step.m (from /issm/trunk-jpl/src/m/math/cfl_step.m:12998)
D /issm/trunk-jpl/src/m/meca/lithostaticpressure.m D /issm/trunk-jpl/src/m/meca/paterson.m
D /issm/trunk-jpl/src/m/meca/paterson.py A /issm/trunk-jpl/src/m/miscellaneous/isnans.m
(from /issm/trunk-jpl/src/m/math/isnans.m:12997) A /issm/trunk-jpl/src/m/miscellaneous/isnans.py
(from /issm/trunk-jpl/src/m/math/isnans.py:12997) A /issm/trunk-jpl/src/m/miscellaneous/round_ice.m
(from /issm/trunk-jpl/src/m/math/round_ice.m:12997)
Export determination: 6.
Rationale: CHG: moved stuff around

Change #315 with diff file ISSM-13012-13013.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/modellist.m A /issm/trunk-jpl/src/m/contrib/bamg
A /issm/trunk-jpl/src/m/contrib/bamg/BamgCall.m (from /issm/trunk-jpl/src/m/mesh/BamgCall.m:13010)
A /issm/trunk-jpl/src/m/contrib/bamg/BamgCallFromMetric.m (from /issm/trunk-
jpl/src/m/mesh/BamgCallFromMetric.m:13010) A /issm/trunk-jpl/src/m/contrib/bamg/YamsCall.m
(from /issm/trunk-jpl/src/m/mesh/YamsCall.m:13010) A /issm/trunk-jpl/src/m/contrib/bamg/meshread.m
(from /issm/trunk-jpl/src/m/mesh/meshread.m:13010) A /issm/trunk-jpl/src/m/contrib/bamg/yams.m
(from /issm/trunk-jpl/src/m/mesh/yams.m:13010) A /issm/trunk-jpl/src/m/geometry/GetAreas.m
(from /issm/trunk-jpl/src/m/mesh/GetAreas.m:13010) D /issm/trunk-jpl/src/m/mesh/BamgCall.m
D /issm/trunk-jpl/src/m/mesh/BamgCallFromMetric.m M /issm/trunk-jpl/src/m/mesh/FixMesh.m
D /issm/trunk-jpl/src/m/mesh/GetAreas.m D /issm/trunk-jpl/src/m/mesh/GetCharacteristicLength.m
M /issm/trunk-jpl/src/m/mesh/NodeInElement.m D /issm/trunk-jpl/src/m/mesh/YamsCall.m
D /issm/trunk-jpl/src/m/mesh/isconnected.m D /issm/trunk-jpl/src/m/mesh/meshread.m
M /issm/trunk-jpl/src/m/mesh/rifts/meshprocessoutsiderifts.m A /issm/trunk-

jpl/src/m/mesh/rifts/rifttipsonmesh.m (from /issm/trunk-jpl/src/m/mesh/rifttipsonmesh.m:13010)
D /issm/trunk-jpl/src/m/mesh/rifttipsonmesh.m D /issm/trunk-jpl/src/m/mesh/yams.m
D /issm/trunk-jpl/src/m/miscellaneous/create_region.m D /issm/trunk-jpl/src/m/miscellaneous/findarg.m
D /issm/trunk-jpl/src/m/miscellaneous/netcdf.m M /issm/trunk-jpl/src/m/miscellaneous/netcdf2struct.m
D /issm/trunk-jpl/src/m/multiplequeue
Export determination: 6.
Rationale: CHG: moving stuff around

Change #316 with diff file ISSM-13013-13014.diff:

Function name:

M /issm/trunk-jpl/src/m/Makefile.am D /issm/trunk-jpl/src/m/os/ucisvn.m
D /issm/trunk-jpl/src/m/plot/imagescan.m D /issm/trunk-jpl/src/m/plot/plot2patch.m
D /issm/trunk-jpl/src/m/string/ddeblank.m D /issm/trunk-jpl/src/m/string/logoutput.m
Export determination: 6.

Rationale: CHG: moving stuff around and updating Makefile.am

Change #317 with diff file ISSM-13014-13015.diff:

Function name:

M /issm/trunk-jpl/etc/environment.sh
Export determination: 6.

Rationale: BUG: do include automake

Change #318 with diff file ISSM-13015-13016.diff:

Function name:

D /issm/trunk-jpl/src/py/model/display/fielddisplay.py
Export determination: 6.

Rationale: CHG: Integrated last of src/py into src/m.

Change #319 with diff file ISSM-13016-13017.diff:

Function name:

D /issm/trunk-jpl/src/py/model D /issm/trunk-jpl/src/py/utis
Export determination: 6.

Rationale: CHG: Integrated last of src/py into src/m.

Change #320 with diff file ISSM-13017-13018.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: nothing to do in contrib (just sub-directories)

Change #321 with diff file ISSM-13018-13019.diff:

Function name:

M /issm/trunk-jpl/src/m/consistency/ismodelselfconsistent.m M /issm/trunk-jpl/src/m/parameterization/parameterize.m

Export determination: 6.

Rationale: BUG: not more addnotes function

Change #322 with diff file ISSM-13019-13020.diff:

Function name:

A /issm/trunk-jpl/src/m/miscellaneous/fielddisplay.py

Export determination: 6.

Rationale: CHG: Integrated last of src/py into src/m (made more difficult by all the other stuff being moved...).

Change #323 with diff file ISSM-13020-13021.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/flaim.m 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/groundingline.m
M /issm/trunk-jpl/src/m/classes/groundingline.py M /issm/trunk-jpl/src/m/classes/hydrology.m
M /issm/trunk-jpl/src/m/classes/hydrology.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/materials.m M /issm/trunk-jpl/src/m/classes/materials.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/model/model.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/rifts.m
M /issm/trunk-jpl/src/m/classes/rifts.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/steadystate.m

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/transient.m
M /issm/trunk-jpl/src/m/classes/verbose.m M /issm/trunk-jpl/src/m/classes/verbose.py
Export determination: 6.
Rationale: NEW: Still another bunch more python checkconsistency and marshal methods for sub-classes (plus other minor changes).

Change #324 with diff file ISSM-13021-13022.diff:

Function name:

M /issm/trunk-jpl/src/m/contrib/hack/tres.m M /issm/trunk-jpl/src/m/exp/expwrite.m
M /issm/trunk-jpl/src/m/mesh/roundmesh.m M /issm/trunk-jpl/test/NightlyRun/test218.m
M /issm/trunk-jpl/test/NightlyRun/test234.m M /issm/trunk-jpl/test/NightlyRun/test235.m
M /issm/trunk-jpl/test/NightlyRun/test412.m M /issm/trunk-jpl/test/NightlyRun/test413.m
M /issm/trunk-jpl/test/NightlyRun/test414.m M /issm/trunk-jpl/test/NightlyRun/test417.m
M /issm/trunk-jpl/test/NightlyRun/test420.m M /issm/trunk-jpl/test/NightlyRun/test511.m
M /issm/trunk-jpl/test/NightlyRun/test613.m

Export determination: 6.

Rationale: BUG: fixed NR problems caused by src/m reorganization

Change #325 with diff file ISSM-13022-13023.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive423.mat

Export determination: 6.

Rationale: CHG: updated archive test423 (wrong number of elements as we now use expwrite)

Change #326 with diff file ISSM-13023-13024.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/autodiff.py M /issm/trunk-jpl/src/m/classes/clusters/generic.py
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/friction.py M /issm/trunk-jpl/src/m/classes/hydrology.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/pairoptions.py M /issm/trunk-jpl/src/m/classes/prognostic.py
M /issm/trunk-jpl/src/m/classes/steadystate.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/classes/transient.py
M /issm/trunk-jpl/src/m/consistency/checkfield.py M /issm/trunk-jpl/src/m/os/issmdir.py
M /issm/trunk-jpl/src/m/solve/MatlabProcessPatch.py M /issm/trunk-jpl/src/m/solve/loadresultsfromcluster
M /issm/trunk-jpl/src/m/solve/parseresultsfromdisk.py M /issm/trunk-jpl/src/m/solve/process.solve_options

Export determination: 6.

Rationale: NEW: Yet another bunch more python checkconsistency and marshal methods for sub-classes (plus other minor changes).

Change #327 with diff file ISSM-13024-13025.diff:

Function name:

M /issm/trunk-jpl/configure.ac M /issm/trunk-jpl/src/Makefile.am D /issm/trunk-jpl/src/py/Makefile.am

Export determination: 6.

Rationale: BUG: removed all Makefiles in src/py

Change #328 with diff file ISSM-13025-13026.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: added support for across and along flow thickness gradient misfits

Change #329 with diff file ISSM-13026-13027.diff:

Function name:

M /issm/trunk-jpl/src/m/exp/exptool.m A /issm/trunk-jpl/src/m/exp/manipulation/orientprofile.m

Export determination: 6.

Rationale: NEW: added profile reorientation capability to exptool

Change #330 with diff file ISSM-13027-13028.diff:

Function name:

D /issm/trunk-jpl/src/m/geometry/recover_areas.m D /issm/trunk-jpl/src/m/geometry/recover_areas.py

M /issm/trunk-jpl/src/m/parameterization/setflowequation.m M /issm/trunk-jpl/src/m/parameterization/setflowequation.py

Export determination: 6.

Rationale: CHG: recover_areas is now a subfunction of setflowequations

Change #331 with diff file ISSM-13028-13029.diff:

Function name:
M /issm/trunk-jpl/src/m/parameterization/setflowequation.m M /issm/trunk-jpl/src/m/parameterization/setflowequation.py
Export determination: 6.
Rationale: CHG: removed recover_area, totally useless actually

Change #332 with diff file ISSM-13029-13030.diff:

Function name:
M /issm/trunk-jpl/src/m/classes/inversion.py
Export determination: 6.
Rationale: CHG: updated python inversion.py class to reflect changes in inversion.m

Change #333 with diff file ISSM-13030-13031.diff:

Function name:
M /issm/trunk-jpl/src/m/boundaryconditions/SetIceShelfBC.py M /issm/trunk-jpl/src/m/classes/diagnostic.py M /issm/trunk-jpl/src/m/classes/inversion.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/model/model.py M /issm/trunk-jpl/src/m/classes/private.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/radaroverlay.py M /issm/trunk-jpl/src/m/consistency/checkfield.py
M /issm/trunk-jpl/src/m/consistency/ismodelselfconsistent.py M /issm/trunk-jpl/src/m/parameterization/parameterize.py M /issm/trunk-jpl/src/m/parameterization/setflowequation.py
Export determination: 6.
Rationale: NEW: Last bunch more python checkconsistency and marshall methods for sub-classes (plus other minor changes and fixes to keep up with Matlab changes).

Change #334 with diff file ISSM-13031-13032.diff:

Function name:
M /issm/trunk-jpl/src/m/parameterization/setflowequation.py
Export determination: 6.
Rationale: CHG: Fix syntax errors from [13028].

Change #335 with diff file ISSM-13032-13033.diff:

Function name:

M /issm/trunk-jpl/src/m/boundaryconditions/SetIceShelfBC.py 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/groundingline.py M /issm/trunk-jpl/src/m/classes/initialization.py M /issm/trunk-jpl/src/m/classes/mesh.py M /issm/trunk-jpl/src/m/parameterization/setflowequation.py

Export determination: 6.

Rationale: CHG: Python any/all vs. numpy.any/numpy.all modifications (and more).

Change #336 with diff file ISSM-13033-13034.diff:

Function name:

M /issm/trunk-jpl/src/c/python/io/WritePythonData.cpp M /issm/trunk-jpl/src/c/python/io/pythonio.h M /issm/trunk-jpl/src/modules/python/Makefile.am

Export determination: 6.

Rationale: NEW: Python versions of EnumToString and StringToEnum (along with necessary io).

Change #337 with diff file ISSM-13034-13035.diff:

Function name:

M /issm/trunk-jpl/src/modules/EnumToString/EnumToString.cpp M /issm/trunk-jpl/src/modules/EnumToString/EnumToString.h M /issm/trunk-jpl/src/modules/StringToEnum/StringToEnum.cpp M /issm/trunk-jpl/src/modules/StringToEnum/StringToEnum.h

Export determination: 6.

Rationale: NEW: Python versions of EnumToString and StringToEnum (along with necessary io).

Change #338 with diff file ISSM-13035-13036.diff:

Function name:

M /issm/trunk-jpl/src/c/include/macros.h M /issm/trunk-jpl/src/c/shared/Sys/ProfilingEnd.cpp M /issm/trunk-jpl/src/c/shared/Sys/ProfilingStart.cpp

Export determination: 6.

Rationale: CHG: getting rid of _error_, only use _error2_

Change #339 with diff file ISSM-13036-13037.diff:

Function name:

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/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/classes/DofIndexing.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/bamg/BamgOpts.cpp M /issm/trunk-jpl/src/c/classes/bamg/BamgQuadtree.cpp
M /issm/trunk-jpl/src/c/classes/bamg/BamgVertex.cpp M /issm/trunk-jpl/src/c/classes/bamg/Edge.cpp
M /issm/trunk-jpl/src/c/classes/bamg/Geometry.cpp M /issm/trunk-jpl/src/c/classes/bamg/ListofIntersection.cpp
M /issm/trunk-jpl/src/c/classes/bamg/ListofIntersectionTriangles.h M /issm/trunk-jpl/src/c/classes/bamg/Mesh.cpp M /issm/trunk-jpl/src/c/classes/bamg/Metric.cpp
M /issm/trunk-jpl/src/c/classes/bamg/SetOfE4.cpp M /issm/trunk-jpl/src/c/classes/bamg/SubDomain.cpp
M /issm/trunk-jpl/src/c/classes/bamg/Triangle.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/ExponentialVariogram.h M /issm/trunk-jpl/src/c/classes/kriging/GaussianVariogram.cpp
M /issm/trunk-jpl/src/c/classes/kriging/GaussianVariogram.h M /issm/trunk-jpl/src/c/classes/kriging/PowerVariogram.cpp
M /issm/trunk-jpl/src/c/classes/kriging/PowerVariogram.h M /issm/trunk-jpl/src/c/classes/kriging/Quadtree.cpp
M /issm/trunk-jpl/src/c/classes/kriging/Quadtree.h M /issm/trunk-jpl/src/c/classes/kriging/SphericalVariogram.cpp
M /issm/trunk-jpl/src/c/classes/kriging/SphericalVariogram.h 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/matrix/Matrix.cpp M /issm/trunk-jpl/src/c/classes/matrix/Vector.cpp
M /issm/trunk-jpl/src/c/classes/objects/Constraints/SpcTransient.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/Penta.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.h 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.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.h M /issm/trunk-jpl/src/c/classes/objects/Elements/TriaP1.cpp M /issm/trunk-jpl/src/c/classes/objects/Inputs/BoolInput.cpp M /issm/trunk-jpl/src/c/classes/objects/Inputs/BoolInput.h 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.cpp M /issm/trunk-jpl/src/c/classes/objects/Inputs/DatasetInput.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/DoubleInput.cpp M /issm/trunk-jpl/src/c/classes/objects/Inputs/DoubleInput.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/IntInput.cpp 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/PentaP1Input.cpp 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 M /issm/trunk-jpl/src/c/classes/objects/KML/KMLFileReader.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KMLAttribute.h M /issm/trunk-jpl/src/c/classes/objects/KML/KMLColorStyle.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KMLColorStyle.h M /issm/trunk-jpl/src/c/classes/objects/KML/KMLComment.h M /issm/trunk-jpl/src/c/classes/objects/KML/KMLComment.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KMLContainer.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KMLContainer.h

jpl/src/c/classes/objects/Params/DoubleMatArrayParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/
 M /issm/trunk-jpl/src/c/classes/objects/Params/DoubleMatParam.h M /issm/trunk-
 jpl/src/c/classes/objects/Params/DoubleParam.cpp M /issm/trunk-jpl/src/c/classes/objects/Params/Double
 M /issm/trunk-jpl/src/c/classes/objects/Params/DoubleVecParam.cpp M /issm/trunk-
 jpl/src/c/classes/objects/Params/DoubleVecParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/FileP
 M /issm/trunk-jpl/src/c/classes/objects/Params/IntMatParam.h M /issm/trunk-
 jpl/src/c/classes/objects/Params/IntParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/IntVecParam.
 M /issm/trunk-jpl/src/c/classes/objects/Params/MatrixParam.h M /issm/trunk-
 jpl/src/c/classes/objects/Params/StringArrayParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/Strin
 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/Vector
 M /issm/trunk-jpl/src/c/include/macros.h 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/matlab/io/CheckNumMatlabArgument
 M /issm/trunk-jpl/src/c/matlab/io/FetchMatlabData.cpp M /issm/trunk-jpl/src/c/matlab/io/MatlabMatrix
 M /issm/trunk-jpl/src/c/matlab/io/MatlabVectorToDoubleVector.cpp M /issm/trunk-
 jpl/src/c/matlab/io/OptionParse.cpp M /issm/trunk-jpl/src/c/modules/DakotaResponsesx/DakotaResponses
 M /issm/trunk-jpl/src/c/modules/Dakotax/DescriptorIndex.cpp M /issm/trunk-
 jpl/src/c/modules/Dakotax/SpawnCoreParallel.cpp M /issm/trunk-jpl/src/c/modules/ElementResponsex/Ele
 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/GetVectorFromInputsx/GetVectorFromInputsx.cpp M /issm/trunk-
 jpl/src/c/modules/GradJx/GradJx.cpp M /issm/trunk-jpl/src/c/modules/GroundinglineMigrationx/Groundin
 M /issm/trunk-jpl/src/c/modules/InputUpdateFromDakotax/InputUpdateFromDakotax.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/IoModelToConstraintsx/IoModelToConstraintsx.cpp
 M /issm/trunk-jpl/src/c/modules/KMLMeshWritex/KMLMeshWritex.cpp M
 /issm/trunk-jpl/src/c/modules/Kml2Expx/Kml2Expx.cpp M /issm/trunk-jpl/src/c/modules/Krigingx/Krigin
 M /issm/trunk-jpl/src/c/modules/Krigingx/pKrigingx.cpp M /issm/trunk-jpl/src/c/modules/Ll2xyx/Ll2xyx.
 M /issm/trunk-jpl/src/c/modules/MeshPartitionx/MeshPartitionx.cpp M /issm/trunk-
 jpl/src/c/modules/MeshProfileIntersectionx/ElementSegment.cpp M /issm/trunk-
 jpl/src/c/modules/ModelProcessorx/Balancethickness/CreateNodesBalancethickness.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/Dakota/CreateParametersDakota.cpp M /issm/trunk-
 jpl/src/c/modules/ModelProcessorx/DiagnosticHoriz/CreateConstraintsDiagnosticHoriz.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DistributeNumDofs.cpp M
 /issm/trunk-jpl/src/c/modules/ModelProcessorx/Enthalpy/CreateConstraintsEnthalpy.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Melting/CreateLoadsMelting.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/NodesPartitioning.cpp M
 /issm/trunk-jpl/src/c/modules/ModelProcessorx/Prognostic/CreateNodesPrognostic.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Thermal/CreateLoadsThermal.cpp
 M /issm/trunk-jpl/src/c/modules/NodalValuex/NodalValuex.cpp M /issm/trunk-

jpl/src/c/modules/NodeConnectivityx/NodeConnectivityx.cpp M /issm/trunk-
jpl/src/c/modules/ParsePetscOptionsx/ParsePetscOptionsx.cpp M /issm/trunk-
jpl/src/c/modules/ResetConstraintsx/ResetConstraintsx.cpp M /issm/trunk-jpl/src/c/modules/Responsex/R
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/modules/Solverx/SolverxPetsc.cpp
M /issm/trunk-jpl/src/c/modules/Solverx/SolverxSeq.cpp M /issm/trunk-jpl/src/c/modules/StringToEnumx
M /issm/trunk-jpl/src/c/modules/Xy2llx/Xy2llx.cpp M /issm/trunk-jpl/src/c/python/io/CheckNumPythonA
M /issm/trunk-jpl/src/c/python/io/FetchPythonData.cpp M /issm/trunk-jpl/src/c/shared/Alloc/alloc.cpp
M /issm/trunk-jpl/src/c/shared/Elements/CoordinateSystemTransform.cpp M
/issm/trunk-jpl/src/c/shared/Elements/TransformInvStiffnessMatrixCoord.cpp
M /issm/trunk-jpl/src/c/shared/Elements/TransformLoadVectorCoord.cpp M
/issm/trunk-jpl/src/c/shared/Elements/TransformSolutionCoord.cpp M /issm/trunk-
jpl/src/c/shared/Elements/TransformStiffnessMatrixCoord.cpp M /issm/trunk-
jpl/src/c/shared/Exp/DomainOutlineRead.cpp M /issm/trunk-jpl/src/c/shared/Exp/DomainOutlineWrite.cp
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/IsInp
M /issm/trunk-jpl/src/c/shared/Numerics/OptimalSearch.cpp M /issm/trunk-
jpl/src/c/shared/Numerics/OptionsFromAnalysis.cpp M /issm/trunk-jpl/src/c/shared/Numerics/UnitConver
M /issm/trunk-jpl/src/c/shared/Numerics/Verbosity.cpp M /issm/trunk-jpl/src/c/shared/String/DescriptorIn
M /issm/trunk-jpl/src/c/shared/Sys/ProfilingEnd.cpp M /issm/trunk-jpl/src/c/shared/Sys/ProfilingStart.cpp
M /issm/trunk-jpl/src/c/shared/Threads/LaunchThread.cpp M /issm/trunk-
jpl/src/c/solutions/AdjointCorePointerFromSolutionEnum.cpp M /issm/trunk-
jpl/src/c/solutions/AnalysisConfiguration.cpp M /issm/trunk-jpl/src/c/solutions/CorePointerFromSolutionEn
M /issm/trunk-jpl/src/c/solutions/ProcessArguments.cpp M /issm/trunk-jpl/src/c/solutions/WriteLockFile.c
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 M /issm/trunk-jpl/src/c/solutions/issm.cpp
M /issm/trunk-jpl/src/c/solutions/kriging.cpp M /issm/trunk-jpl/src/c/solutions/objectivefunction.cpp
M /issm/trunk-jpl/src/c/solutions/steadystate_core.cpp M /issm/trunk-jpl/src/c/solutions/transient_core.cpp
M /issm/trunk-jpl/src/c/toolkits/issm/SeqMat.cpp M /issm/trunk-jpl/src/c/toolkits/issm/SeqVec.cpp
M /issm/trunk-jpl/src/c/toolkits/metis/patches/METIS_PartMeshNodalPatch.cpp
M /issm/trunk-jpl/src/c/toolkits/petsc/patches/ISSMToPetscInsertMode.cpp M
/issm/trunk-jpl/src/c/toolkits/petsc/patches/ISSMToPetscMatrixType.cpp M
/issm/trunk-jpl/src/c/toolkits/petsc/patches/ISSMToPetscNormMode.cpp M /issm/trunk-
jpl/src/c/toolkits/petsc/patches/MatInvert.cpp M /issm/trunk-jpl/src/c/toolkits/petsc/patches/MatPartition
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/modules/BamgConvertM
M /issm/trunk-jpl/src/modules/BamgTriangulate/BamgTriangulate.cpp M /issm/trunk-
jpl/src/modules/Chaco/Chaco.cpp M /issm/trunk-jpl/src/modules/ContourToMesh/ContourToMesh.cpp
M /issm/trunk-jpl/src/modules/Exp2Kml/Exp2Kml.cpp M /issm/trunk-jpl/src/modules/InternalFront/Inter
M /issm/trunk-jpl/src/modules/InterpFromGridToMesh/InterpFromGridToMesh.cpp
M /issm/trunk-jpl/src/modules/InterpFromMesh2d/InterpFromMesh2d.cpp M
/issm/trunk-jpl/src/modules/InterpFromMeshToMesh2d/InterpFromMeshToMesh2d.cpp
M /issm/trunk-jpl/src/modules/InterpFromMeshToMesh3d/InterpFromMeshToMesh3d.cpp
M /issm/trunk-jpl/src/modules/KMLFileRead/KMLFileRead.cpp M /issm/trunk-
jpl/src/modules/KMLMeshWrite/KMLMeshWrite.cpp M /issm/trunk-jpl/src/modules/KMLOverlay/KMLO

M /issm/trunk-jpl/src/modules/Kml2Exp/Kml2Exp.cpp M /issm/trunk-jpl/src/modules/Kriging/Kriging.cpp
M /issm/trunk-jpl/src/modules/Ll2xy/Ll2xy.cpp M /issm/trunk-jpl/src/modules/MeshProfileIntersection/MeshProfileIntersection.cpp
M /issm/trunk-jpl/src/modules/Scotch/Scotch.cpp M /issm/trunk-jpl/src/modules/Shp2Kml/Shp2Kml.cpp
M /issm/trunk-jpl/src/modules/TriMeshProcessRifts/TriMeshProcessRifts.cpp
M /issm/trunk-jpl/src/modules/Xy2ll/Xy2ll.cpp
Export determination: 6.
Rationale: CHG: renaming _error2_ _error_

Change #340 with diff file ISSM-13037-13038.diff:

Function name:
M /issm/trunk-jpl/src/c/solutions/controltao_core.cpp
Export determination: 6.
Rationale: CHG: getting rid of xcalloc

Change #341 with diff file ISSM-13038-13039.diff:

Function name:
M /issm/trunk-jpl/src/modules/Chaco/Chaco.cpp M /issm/trunk-jpl/src/modules/ContourToNodes/ContourToNodes.cpp
M /issm/trunk-jpl/src/modules/InternalFront/InternalFront.cpp M /issm/trunk-jpl/src/modules/InterpFromMesh2d/InterpFromMesh2d.cpp M /issm/trunk-jpl/src/modules/KMLMeshWrite/KMLMeshWrite.cpp
M /issm/trunk-jpl/src/modules/MeshPartition/MeshPartition.cpp M /issm/trunk-jpl/src/modules/MeshProfileIntersection/MeshProfileIntersection.cpp M /issm/trunk-jpl/src/modules/TriMeshProcessRifts/TriMeshProcessRifts.cpp
Export determination: 6.
Rationale: CHG: getting rid of xmalloc

Change #342 with diff file ISSM-13039-13040.diff:

Function name:
M /issm/trunk-jpl/src/c/EnumDefinitions/Synchronize.sh
Export determination: 6.
Rationale: CHG: Added import for python.

Change #343 with diff file ISSM-13040-13041.diff:

Function name:
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/inversion.m M /issm/trunk-jpl/src/m/classes/inversion.py
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/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/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

Export determination: 6.

Rationale: CHG: Changed numerous integer 1 to list [1] for python (and similarly for matlab).

Change #344 with diff file ISSM-13041-13042.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/Synchronize.sh

Export determination: 6.

Rationale: NEW: Python StringToEnum returns tuple, not integer, so calls must be modified.

Change #345 with diff file ISSM-13042-13043.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: cosmetics

Change #346 with diff file ISSM-13043-13044.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/generic.py M /issm/trunk-jpl/src/m/classes/diagnostic.py
M /issm/trunk-jpl/src/m/classes/geometry.py M /issm/trunk-jpl/src/m/classes/groundingline.py
M /issm/trunk-jpl/src/m/classes/inversion.py M /issm/trunk-jpl/src/m/classes/materials.py
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/model/planet.m M /issm/trunk-jpl/src/m/classes/planetmesh.m
M /issm/trunk-jpl/src/m/classes/prognostic.py M /issm/trunk-jpl/src/m/classes/rifts.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.py M /issm/trunk-jpl/src/m/consistency/checkfield.py
M /issm/trunk-jpl/src/m/consistency/ismodelselfconsistent.m M /issm/trunk-jpl/src/m/consistency/ismodelselfconsistent.py M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py
M /issm/trunk-jpl/src/m/miscellaneous/issmdoc.m M /issm/trunk-jpl/src/m/os/flaimdir.m
M /issm/trunk-jpl/src/m/os/issmsepout.py M /issm/trunk-jpl/src/m/solve/MatlabProcessPatch.m

M /issm/trunk-jpl/src/m/solve/WriteData.py M /issm/trunk-jpl/src/m/solve/loadresultsfromdisk.py
M /issm/trunk-jpl/src/m/solve/marshall.py M /issm/trunk-jpl/src/m/solve/process_solve_options.m
M /issm/trunk-jpl/src/m/solve/process_solve_options.py M /issm/trunk-jpl/src/m/solve/solve.m
M /issm/trunk-jpl/src/m/solve/solve.py
Export determination: 6.
Rationale: NEW: Bunches of changes to get Python checkconsistency and marshall running (plus corresponding Matlab changes).

Change #347 with diff file ISSM-13044-13045.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Tao is now shared (same as PETSc) and requires to be in LD_LIBRARY_PATH

Change #348 with diff file ISSM-13045-13046.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: Echo was not displaying ncols but nrows

Change #349 with diff file ISSM-13046-13047.diff:

Function name:

M /issm/trunk-jpl/configure.ac M /issm/trunk-jpl/m4/issm_options.m4 M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/modules/matlab/Makefile.am

Export determination: 6.

Rationale: CHG: Major modification to '/home/glperez/issm/issm-uci/trunk-jpl/src/modules/matlab/Makefile.am' and '/home/glperez/issm/issm-uci/trunk-jpl/src/c/Makefile.am' to allow for Libtool generated MEX modules. Added an m4 macro to '/home/glperez/issm/issm-uci/trunk-jpl/m4/issm_options.m4' to allow for the toggling of shared library versioning.

Change #350 with diff file ISSM-13047-13048.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/FlowequationIsl1l2Enum
A /issm/trunk-jpl/src/m/enum/L1L2ApproximationEnum.m A /issm/trunk-
jpl/src/m/enum/L1L2IceFrontEnum.m M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m
Export determination: 6.
Rationale: NEW: added new Enums to support 1l12 equations (still under de-
velopment)

Change #351 with diff file ISSM-13048-13049.diff:
Function name:
M /issm/trunk-jpl/src/m/parameterization/setflowequation.m
Export determination: 6.
Rationale: NEW: added support 1l12 equations (still under development)

Change #352 with diff file ISSM-13049-13050.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/flowequation.m M /issm/trunk-jpl/src/m/classes/flowequation.py
Export determination: 6.
Rationale: NEW: added support 1l12 equations (still under development)

Change #353 with diff file ISSM-13050-13051.diff:
Function name:
A /issm/trunk-jpl/src/c/shared/Numerics/cubic.cpp M /issm/trunk-jpl/src/c/shared/Numerics/numerics.h
Export determination: 6.
Rationale: NEW: Added routine to find roots of cubic equations

Change #354 with diff file ISSM-13051-13052.diff:
Function name:
M /issm/trunk-jpl/src/c/Makefile.am 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
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
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/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/DistributeNumDofs.cpp M
/issm/trunk-jpl/src/c/solutions/convergence.cpp M /issm/trunk-jpl/src/c/solutions/diagnostic_core.cpp
Export determination: 6.
Rationale: NEW: added support 1112 equations (still under development)

Change #355 with diff file ISSM-13052-13053.diff:

Function name:
M /issm/trunk-jpl/src/m/parameterization/setflowequation.py
Export determination: 6.
Rationale: BUG: Echo was not displaying ncols but nrows

Change #356 with diff file ISSM-13053-13054.diff:

Function name:
M /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp
Export determination: 6.
Rationale: CHG: no more _error2_

Change #357 with diff file ISSM-13054-13055.diff:

Function name:
M /issm/trunk-jpl/src/c/EnumDefinitions/Synchronize.sh
Export determination: 6.
Rationale: CHG: no more _error2_

Change #358 with diff file ISSM-13055-13056.diff:

Function name:
M /issm/trunk-jpl/configure.ac M /issm/trunk-jpl/m4/issm_options.m4 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/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/EnumDefinitions/Synchronize.sh M /issm/trunk-jpl/src/c/Makefile.am
M /issm/trunk-jpl/src/c/classes/DofIndexing.cpp M /issm/trunk-jpl/src/c/classes/Hook.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/Inputs/BoolInput.cpp M /issm/trunk-

jpl/src/c/classes/objects/Inputs/BoolInput.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/ControlInput.c
M /issm/trunk-jpl/src/c/classes/objects/Inputs/ControlInput.h M /issm/trunk-
jpl/src/c/classes/objects/Inputs/DatasetInput.cpp M /issm/trunk-jpl/src/c/classes/objects/Inputs/DatasetIn
M /issm/trunk-jpl/src/c/classes/objects/Inputs/DoubleInput.cpp M /issm/trunk-
jpl/src/c/classes/objects/Inputs/DoubleInput.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/IntInput.cpp
M /issm/trunk-jpl/src/c/classes/objects/Inputs/IntInput.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/P
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/Transien
M /issm/trunk-jpl/src/c/classes/objects/Inputs/TriaP1Input.cpp M /issm/trunk-
jpl/src/c/classes/objects/Inputs/TriaP1Input.h M /issm/trunk-jpl/src/c/classes/objects/KML/KMLFileRead
M /issm/trunk-jpl/src/c/classes/objects/KML/KMLAttribute.h M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_ColorStyle.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Co
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Container.h M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_Document.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Fea
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_Folder.cp
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Geometry.cpp M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_Geometry.h M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Groun
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.h M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Line
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_LinearRing.cpp M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_LinearRing.h M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Mul
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Object.h M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_Overlay.h M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Placema
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Placemark.h 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.cpp M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_PolyStyle.h 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_StyleSelector.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_SubStyle.h M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_Unknown.cpp M /issm/trunk-jpl/src/c/classes/objects/Materials/Matic
M /issm/trunk-jpl/src/c/classes/objects/Materials/Matpar.h M /issm/trunk-
jpl/src/c/include/macros.h 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/matlab/io/CheckNumMatlabArguments.cpp
M /issm/trunk-jpl/src/c/matlab/io/FetchMatlabData.cpp M /issm/trunk-jpl/src/c/matlab/io/MatlabMatrix
M /issm/trunk-jpl/src/c/matlab/io/MatlabVectorToDoubleVector.cpp M /issm/trunk-
jpl/src/c/matlab/io/OptionParse.cpp M /issm/trunk-jpl/src/c/modules/DakotaResponsesx/DakotaResponses
M /issm/trunk-jpl/src/c/modules/Dakotax/DescriptorIndex.cpp M /issm/trunk-
jpl/src/c/modules/Dakotax/SpawnCoreParallel.cpp M /issm/trunk-jpl/src/c/modules/ElementResponsesx/Ele
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/GetVectorFromInputsx/GetVectorFromInputsx.cpp M /issm/trunk-
jpl/src/c/modules/Gradjx/Gradjx.cpp M /issm/trunk-jpl/src/c/modules/GroundinglineMigrationx/Groundin

M /issm/trunk-jpl/src/c/modules/InputUpdateFromDakotax/InputUpdateFromDakotax.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/IoModelToConstraintsx/IoModelToConstraintsx.cpp
M /issm/trunk-jpl/src/c/modules/KMLMeshWritex/KMLMeshWritex.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/Ll2xyx/Ll2xyx.cpp
M /issm/trunk-jpl/src/c/modules/MeshPartitionx/MeshPartitionx.cpp M /issm/trunk-jpl/src/c/modules/MeshProfileIntersectionx/ElementSegment.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Balancethickness/CreateNodesBalancethickness.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/Dakota/CreateParametersDakota.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHoriz/CreateConstraintsDiagnosticHoriz.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DistributeNumDofs.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Enthalpy/CreateConstraintsEnthalpy.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Melting/CreateLoadsMelting.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/NodesPartitioning.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Prognostic/CreateNodesPrognostic.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Thermal/CreateLoadsThermal.cpp
M /issm/trunk-jpl/src/c/modules/NodalValuex/NodalValuex.cpp M /issm/trunk-jpl/src/c/modules/NodeConnectivityx/NodeConnectivityx.cpp M /issm/trunk-jpl/src/c/modules/ParsePetscOptionsx/ParsePetscOptionsx.cpp M /issm/trunk-jpl/src/c/modules/ResetConstraintsx/ResetConstraintsx.cpp M /issm/trunk-jpl/src/c/modules/Responsex/Responsex.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/modules/Solverx/SolverxPetsc.cpp
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/Xy2llx/Xy2llx.cpp M /issm/trunk-jpl/src/c/python/io/CheckNumPythonA
M /issm/trunk-jpl/src/c/python/io/FetchPythonData.cpp M /issm/trunk-jpl/src/c/python/io/WritePythonD
M /issm/trunk-jpl/src/c/python/io/pythonio.h M /issm/trunk-jpl/src/c/shared/Alloc/alloc.cpp
M /issm/trunk-jpl/src/c/shared/Elements/CoordinateSystemTransform.cpp M /issm/trunk-jpl/src/c/shared/Elements/TransformInvStiffnessMatrixCoord.cpp
M /issm/trunk-jpl/src/c/shared/Elements/TransformLoadVectorCoord.cpp M /issm/trunk-jpl/src/c/shared/Elements/TransformSolutionCoord.cpp M /issm/trunk-jpl/src/c/shared/Elements/TransformStiffnessMatrixCoord.cpp M /issm/trunk-jpl/src/c/shared/Exp/DomainOutlineRead.cpp M /issm/trunk-jpl/src/c/shared/Exp/DomainOutlineWrite.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/IsInputValid.cpp
M /issm/trunk-jpl/src/c/shared/Numerics/OptimalSearch.cpp 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/Numerics/Verbosity.cpp M /issm/trunk-jpl/src/c/shared/String/DescriptorIn
M /issm/trunk-jpl/src/c/shared/Threads/LaunchThread.cpp M /issm/trunk-jpl/src/c/solutions/AdjointCorePointerFromSolutionEnum.cpp M /issm/trunk-jpl/src/c/solutions/AdjointCorePointerFromSolutionEnum.cpp

jpl/src/c/solutions/AnalysisConfiguration.cpp M /issm/trunk-jpl/src/c/solutions/CorePointerFromSolutionEr
M /issm/trunk-jpl/src/c/solutions/ProcessArguments.cpp M /issm/trunk-jpl/src/c/solutions/WriteLockFile.c
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 M /issm/trunk-jpl/src/c/solutions/issm.cpp
M /issm/trunk-jpl/src/c/solutions/kriging.cpp M /issm/trunk-jpl/src/c/solutions/objectivefunction.cpp
M /issm/trunk-jpl/src/c/solutions/steadystate_core.cpp M /issm/trunk-jpl/src/c/solutions/transient_core.cpp
M /issm/trunk-jpl/src/c/toolkits/issm/SeqMat.cpp M /issm/trunk-jpl/src/c/toolkits/issm/SeqVec.cpp
M /issm/trunk-jpl/src/c/toolkits/metis/patches/METIS_PartMeshNodalPatch.cpp
M /issm/trunk-jpl/src/c/toolkits/petsc/patches/ISSMToPetscInsertMode.cpp M
/issm/trunk-jpl/src/c/toolkits/petsc/patches/ISSMToPetscMatrixType.cpp M
/issm/trunk-jpl/src/c/toolkits/petsc/patches/ISSMToPetscNormMode.cpp M /issm/trunk-
jpl/src/c/toolkits/petsc/patches/MatInvert.cpp M /issm/trunk-jpl/src/c/toolkits/petsc/patches/MatPartition
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/modules/matlab/Makefile
Export determination: 6.
Rationale: BUG: Reverted back. Chaco module not compiling...

Change #359 with diff file ISSM-13056-13057.diff:

Function name:

M /issm/trunk-jpl/configure.ac M /issm/trunk-jpl/m4/issm_options.m4 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/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/EnumDefinitions/Synchronize.sh M /issm/trunk-jpl/src/c/Makefile.am
M /issm/trunk-jpl/src/c/classes/DofIndexing.cpp M /issm/trunk-jpl/src/c/classes/Hook.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/Inputs/BoolInput.cpp M /issm/trunk-
jpl/src/c/classes/objects/Inputs/BoolInput.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/ControlInput.c
M /issm/trunk-jpl/src/c/classes/objects/Inputs/ControlInput.h M /issm/trunk-
jpl/src/c/classes/objects/Inputs/DatasetInput.cpp M /issm/trunk-jpl/src/c/classes/objects/Inputs/DatasetIn
M /issm/trunk-jpl/src/c/classes/objects/Inputs/DoubleInput.cpp M /issm/trunk-
jpl/src/c/classes/objects/Inputs/DoubleInput.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/IntInput.cpp
M /issm/trunk-jpl/src/c/classes/objects/Inputs/IntInput.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/P
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/Transier
M /issm/trunk-jpl/src/c/classes/objects/Inputs/TriaP1Input.cpp M /issm/trunk-
jpl/src/c/classes/objects/Inputs/TriaP1Input.h M /issm/trunk-jpl/src/c/classes/objects/KML/KMLFileRead
M /issm/trunk-jpl/src/c/classes/objects/KML/KMLAttribute.h M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_ColorStyle.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Co
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Container.h M /issm/trunk-
jpl/src/c/classes/objects/KML/KML_Document.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Fea
M /issm/trunk-jpl/src/c/classes/objects/KML/KML_Feature.h M /issm/trunk-

jpl/src/c/classes/objects/KML/KMLFile.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KMLFolder.cp
M /issm/trunk-jpl/src/c/classes/objects/KML/KMLGeometry.cpp M /issm/trunk-
jpl/src/c/classes/objects/KML/KMLGeometry.h M /issm/trunk-jpl/src/c/classes/objects/KML/KMLGrou
M /issm/trunk-jpl/src/c/classes/objects/KML/KMLIcon.cpp M /issm/trunk-
jpl/src/c/classes/objects/KML/KMLIcon.h M /issm/trunk-jpl/src/c/classes/objects/KML/KMLLatLonBox
M /issm/trunk-jpl/src/c/classes/objects/KML/KMLLatLonBox.h M /issm/trunk-
jpl/src/c/classes/objects/KML/KMLLineString.h M /issm/trunk-jpl/src/c/classes/objects/KML/KMLLine
M /issm/trunk-jpl/src/c/classes/objects/KML/KMLLinearRing.cpp M /issm/trunk-
jpl/src/c/classes/objects/KML/KMLLinearRing.h M /issm/trunk-jpl/src/c/classes/objects/KML/KMLMul
M /issm/trunk-jpl/src/c/classes/objects/KML/KMLObject.h M /issm/trunk-
jpl/src/c/classes/objects/KML/KMLOverlay.h M /issm/trunk-jpl/src/c/classes/objects/KML/KMLPlacema
M /issm/trunk-jpl/src/c/classes/objects/KML/KMLPlacemark.h M /issm/trunk-
jpl/src/c/classes/objects/KML/KMLPoint.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KMLPoint.h
M /issm/trunk-jpl/src/c/classes/objects/KML/KMLPolyStyle.cpp M /issm/trunk-
jpl/src/c/classes/objects/KML/KMLPolyStyle.h M /issm/trunk-jpl/src/c/classes/objects/KML/KMLPolyg
M /issm/trunk-jpl/src/c/classes/objects/KML/KMLStyle.cpp M /issm/trunk-
jpl/src/c/classes/objects/KML/KMLStyleSelector.cpp M /issm/trunk-jpl/src/c/classes/objects/KML/KML
M /issm/trunk-jpl/src/c/classes/objects/KML/KMLSubStyle.h M /issm/trunk-
jpl/src/c/classes/objects/KML/KMLUnknown.cpp M /issm/trunk-jpl/src/c/classes/objects/Materials/Matic
M /issm/trunk-jpl/src/c/classes/objects/Materials/Matpar.h M /issm/trunk-
jpl/src/c/include/macros.h 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/matlab/io/CheckNumMatlabArguments.cpp
M /issm/trunk-jpl/src/c/matlab/io/FetchMatlabData.cpp M /issm/trunk-jpl/src/c/matlab/io/MatlabMatrix
M /issm/trunk-jpl/src/c/matlab/io/MatlabVectorToDoubleVector.cpp M /issm/trunk-
jpl/src/c/matlab/io/OptionParse.cpp M /issm/trunk-jpl/src/c/modules/DakotaResponsesx/DakotaResponses
M /issm/trunk-jpl/src/c/modules/Dakotax/DescriptorIndex.cpp M /issm/trunk-
jpl/src/c/modules/Dakotax/SpawnCoreParallel.cpp M /issm/trunk-jpl/src/c/modules/ElementResponsex/Ele
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/GetVectorFromInputsx/GetVectorFromInputsx.cpp M /issm/trunk-
jpl/src/c/modules/Gradjx/Gradjx.cpp M /issm/trunk-jpl/src/c/modules/GroundinglineMigrationx/Groundin
M /issm/trunk-jpl/src/c/modules/InputUpdateFromDakotax/InputUpdateFromDakotax.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/IoModelToConstraintsx/IoModelToConstraintsx.cpp
M /issm/trunk-jpl/src/c/modules/KMLMeshWritex/KMLMeshWritex.cpp M
/issm/trunk-jpl/src/c/modules/Kml2Expx/Kml2Expx.cpp M /issm/trunk-jpl/src/c/modules/Krigingx/Krigin
M /issm/trunk-jpl/src/c/modules/Krigingx/pKrigingx.cpp M /issm/trunk-jpl/src/c/modules/Ll2xyx/Ll2xyx.
M /issm/trunk-jpl/src/c/modules/MeshPartitionx/MeshPartitionx.cpp M /issm/trunk-
jpl/src/c/modules/MeshProfileIntersectionx/ElementSegment.cpp M /issm/trunk-
jpl/src/c/modules/ModelProcessorx/Balancethickness/CreateNodesBalancethickness.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/Dakota/CreateParametersDakota.cpp M /issm/trunk-
 jpl/src/c/modules/ModelProcessorx/DiagnosticHoriz/CreateConstraintsDiagnosticHoriz.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DistributeNumDofs.cpp M
 /issm/trunk-jpl/src/c/modules/ModelProcessorx/Enthalpy/CreateConstraintsEnthalpy.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Melting/CreateLoadsMelting.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/NodesPartitioning.cpp M
 /issm/trunk-jpl/src/c/modules/ModelProcessorx/Prognostic/CreateNodesPrognostic.cpp
 M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Thermal/CreateLoadsThermal.cpp
 M /issm/trunk-jpl/src/c/modules/NodalValueX/NodalValueX.cpp M /issm/trunk-
 jpl/src/c/modules/NodeConnectivityX/NodeConnectivityX.cpp M /issm/trunk-
 jpl/src/c/modules/ParsePetscOptionsX/ParsePetscOptionsX.cpp M /issm/trunk-
 jpl/src/c/modules/ResetConstraintsX/ResetConstraintsX.cpp M /issm/trunk-jpl/src/c/modules/ResponseX/R
 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/modules/SolverX/SolverXPetsc.cpp
 M /issm/trunk-jpl/src/c/modules/SolverX/SolverXSeq.cpp M /issm/trunk-jpl/src/c/modules/StringToEnumX,
 M /issm/trunk-jpl/src/c/modules/Xy2llx/Xy2llx.cpp M /issm/trunk-jpl/src/c/python/io/CheckNumPythonA
 M /issm/trunk-jpl/src/c/python/io/FetchPythonData.cpp M /issm/trunk-jpl/src/c/python/io/WritePythonD
 M /issm/trunk-jpl/src/c/python/io/pythonio.h M /issm/trunk-jpl/src/c/shared/Alloc/alloc.cpp
 M /issm/trunk-jpl/src/c/shared/Elements/CoordinateSystemTransform.cpp M
 /issm/trunk-jpl/src/c/shared/Elements/TransformInvStiffnessMatrixCoord.cpp
 M /issm/trunk-jpl/src/c/shared/Elements/TransformLoadVectorCoord.cpp M
 /issm/trunk-jpl/src/c/shared/Elements/TransformSolutionCoord.cpp M /issm/trunk-
 jpl/src/c/shared/Elements/TransformStiffnessMatrixCoord.cpp M /issm/trunk-
 jpl/src/c/shared/Exp/DomainOutlineRead.cpp M /issm/trunk-jpl/src/c/shared/Exp/DomainOutlineWrite.cp
 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/IsInp
 M /issm/trunk-jpl/src/c/shared/Numerics/OptimalSearch.cpp M /issm/trunk-
 jpl/src/c/shared/Numerics/OptionsFromAnalysis.cpp M /issm/trunk-jpl/src/c/shared/Numerics/UnitConver
 M /issm/trunk-jpl/src/c/shared/Numerics/Verbosity.cpp M /issm/trunk-jpl/src/c/shared/String/DescriptorIn
 M /issm/trunk-jpl/src/c/shared/Threads/LaunchThread.cpp M /issm/trunk-
 jpl/src/c/solutions/AdjointCorePointerFromSolutionEnum.cpp M /issm/trunk-
 jpl/src/c/solutions/AnalysisConfiguration.cpp M /issm/trunk-jpl/src/c/solutions/CorePointerFromSolutionEr
 M /issm/trunk-jpl/src/c/solutions/ProcessArguments.cpp M /issm/trunk-jpl/src/c/solutions/WriteLockFile.c
 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 M /issm/trunk-jpl/src/c/solutions/issm.cpp
 M /issm/trunk-jpl/src/c/solutions/kriging.cpp M /issm/trunk-jpl/src/c/solutions/objectivefunction.cpp
 M /issm/trunk-jpl/src/c/solutions/steadystate_core.cpp M /issm/trunk-jpl/src/c/solutions/transient_core.cpp
 M /issm/trunk-jpl/src/c/toolkits/issm/SeqMat.cpp M /issm/trunk-jpl/src/c/toolkits/issm/SeqVec.cpp
 M /issm/trunk-jpl/src/c/toolkits/metis/patches/METIS_PartMeshNodalPatch.cpp
 M /issm/trunk-jpl/src/c/toolkits/petsc/patches/ISSMToPetscInsertMode.cpp M
 /issm/trunk-jpl/src/c/toolkits/petsc/patches/ISSMToPetscMatrixType.cpp M
 /issm/trunk-jpl/src/c/toolkits/petsc/patches/ISSMToPetscNormMode.cpp M /issm/trunk-
 jpl/src/c/toolkits/petsc/patches/MatInvert.cpp M /issm/trunk-jpl/src/c/toolkits/petsc/patches/MatPartition
 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

Export determination: 6.
Rationale: CHG: Correction from the 13046 revision

Change #360 with diff file ISSM-13057-13058.diff:
Function name:
M /issm/trunk-jpl/src/c/Makefile.am
Export determination: 6.
Rationale: BUG: Mismatched 'if' corrected.

Change #361 with diff file ISSM-13058-13059.diff:
Function name:
M /issm/trunk-jpl/src/m/parameterization/setflowequation.m M /issm/trunk-jpl/src/m/parameterization/setflowequation.py
Export determination: 6.
Rationale: CHG: moved isnodeonhutter to fix NR

Change #362 with diff file ISSM-13059-13060.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/inversion.m M /issm/trunk-jpl/src/m/classes/inversion.py
Export determination: 6.
Rationale: CHG: disconnecting cost_functions from Enums

Change #363 with diff file ISSM-13060-13061.diff:
Function name:
M /issm/trunk-jpl/scripts/historyISSM.m
Export determination: 6.
Rationale: CHG: simplified historyISSM.m

Change #364 with diff file ISSM-13061-13062.diff:
Function name:
M /issm/trunk-jpl/src/c/shared/Numerics/cubic.cpp M /issm/trunk-jpl/src/c/shared/Numerics/numerics.h
Export determination: 6.
Rationale: CHG: ISSMized cubic.cpp

Change #365 with diff file ISSM-13062-13063.diff:

Function name:

M /issm/trunk-jpl/src/ad/todo M /issm/trunk-jpl/src/c/modules/Solverx/SolverxSeq.cpp

Export determination: 6.

Rationale: CHG: used IssmPDouble instead of double for Solver prototype -i
simplified code layout

Change #366 with diff file ISSM-13063-13064.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: fixed problem with cubic root

Change #367 with diff file ISSM-13064-13065.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: working on L1L2, almost there

Change #368 with diff file ISSM-13065-13066.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: simpler way of computing root of cubic equation

Change #369 with diff file ISSM-13066-13067.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: added loads for L1L2 approximation

Change #370 with diff file ISSM-13067-13068.diff:

Function name:

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

Export determination: 6.

Rationale: int to size_t

Change #371 with diff file ISSM-13068-13069.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: Removed references to avoid-version flag.

Change #372 with diff file ISSM-13069-13070.diff:

Function name:

M /issm/trunk-jpl/externalpackages/adolc M /issm/trunk-jpl/externalpackages/adolc/install-macosx64.sh

Export determination: 6.

Rationale: NEW: added svn repository to ADOL-C, if we want to work with the dvpt version of this code

Change #373 with diff file ISSM-13070-13071.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test101.py M /issm/trunk-jpl/test/Par/SquareShelfConstrained.py

Export determination: 6.

Rationale: CHG: Test updates for python.

Change #374 with diff file ISSM-13071-13072.diff:

Function name:

M /issm/trunk-jpl/src/m/os/issmscpin.m M /issm/trunk-jpl/src/m/os/issmscpin.py

M /issm/trunk-jpl/src/m/os/issmscpout.m M /issm/trunk-jpl/src/m/os/issmscpout.py

M /issm/trunk-jpl/src/m/parameterization/parameterize.m M /issm/trunk-jpl/src/m/solve/WriteData.py

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

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

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

Export determination: 6.

Rationale: NEW: More changes for python marshalling and running (plus corresponding matlab changes).

Change #375 with diff file ISSM-13072-13073.diff:

Function name:

```
M /issm/trunk-jpl/Makefile.am D /issm/trunk-jpl/bin/Makefile.am M /issm/trunk-jpl/configure.ac M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/modules/matlab/Makefile.am
Export determination: 6.
```

Rationale: CHG: Trying for Libtool again.

Change #376 with diff file ISSM-13073-13074.diff:

Function name:

M /issm/trunk-jpl/configs/config-macosx64-larour-ad.sh M /issm/trunk-jpl/src/c/Container/Observations.cpp
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/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/Pengrid.cpp
M /issm/trunk-jpl/src/c/classes/objects/Loads/Riftfront.cpp M /issm/trunk-jpl/src/c/classes/objects/Materials/Matrice.cpp M /issm/trunk-jpl/src/c/classes/objects/Node.cpp
M /issm/trunk-jpl/src/c/modules/ControlInputScaleGradientx/ControlInputScaleGradientx.cpp
M /issm/trunk-jpl/src/c/modules/ControlInputScaleGradientx/ControlInputScaleGradientx.h
M /issm/trunk-jpl/src/c/modules/ControlInputSetGradientx/ControlInputSetGradientx.cpp
M /issm/trunk-jpl/src/c/modules/CostFunctionx/CostFunctionx.cpp M /issm/trunk-jpl/src/c/modules/CostFunctionx/CostFunctionx.h M /issm/trunk-jpl/src/c/modules/DragCoefficientAbsGradientx/DragCoefficientAbsGradientx.h
M /issm/trunk-jpl/src/c/modules/DragCoefficientAbsGradientx/DragCoefficientAbsGradientx.h
M /issm/trunk-jpl/src/c/modules/ElementResponsex/ElementResponsex.cpp M /issm/trunk-jpl/src/c/modules/ElementResponsex/ElementResponsex.h M /issm/trunk-jpl/src/c/modules/GetVectorFromControlInputsx/GetVectorFromControlInputsx.cpp
M /issm/trunk-jpl/src/c/modules/GetVectorFromControlInputsx/GetVectorFromControlInputsx.h
M /issm/trunk-jpl/src/c/modules/Gradjx/Gradjx.cpp M /issm/trunk-jpl/src/c/modules/Gradjx/Gradjx.h
M /issm/trunk-jpl/src/c/modules/GroundinglineMigrationx/GroundinglineMigrationx.cpp
M /issm/trunk-jpl/src/c/modules/GroundinglineMigrationx/GroundinglineMigrationx.h
M /issm/trunk-jpl/src/c/modules/IceVolumex/IceVolumex.cpp M /issm/trunk-jpl/src/c/modules/IceVolumex/IceVolumex.h M /issm/trunk-jpl/src/c/modules/InputControlUpdatex/InputControlUpdatex.h
M /issm/trunk-jpl/src/c/modules/InputControlUpdatex/InputControlUpdatex.h
M /issm/trunk-jpl/src/c/modules/MassFluxx/MassFluxx.cpp M /issm/trunk-jpl/src/c/modules/MassFluxx/MassFluxx.h M /issm/trunk-jpl/src/c/modules/MaxAbsVxx/MaxAbsVxx.cpp
M /issm/trunk-jpl/src/c/modules/MaxAbsVxx/MaxAbsVxx.h M /issm/trunk-jpl/src/c/modules/MaxAbsVyx/MaxAbsVyx.cpp M /issm/trunk-jpl/src/c/modules/MaxAbsVyx/MaxAbsVyx.h
M /issm/trunk-jpl/src/c/modules/MaxAbsVzx/MaxAbsVzx.cpp M /issm/trunk-jpl/src/c/modules/MaxAbsVzx/MaxAbsVzx.h M /issm/trunk-jpl/src/c/modules/MaxVelx/MaxVelx.cpp

M /issm/trunk-jpl/src/c/modules/MaxVelx/MaxVelx.h M /issm/trunk-jpl/src/c/modules/MaxVxx/MaxVxx.h
M /issm/trunk-jpl/src/c/modules/MaxVxx/MaxVxx.h M /issm/trunk-jpl/src/c/modules/MaxVyx/MaxVyx.h
M /issm/trunk-jpl/src/c/modules/MaxVyx/MaxVyx.h M /issm/trunk-jpl/src/c/modules/MaxVzx/MaxVzx.h
M /issm/trunk-jpl/src/c/modules/MaxVzx/MaxVzx.h M /issm/trunk-jpl/src/c/modules/MinVelx/MinVelx.h
M /issm/trunk-jpl/src/c/modules/MinVelx/MinVelx.h M /issm/trunk-jpl/src/c/modules/MinVxx/MinVxx.h
M /issm/trunk-jpl/src/c/modules/MinVxx/MinVxx.h M /issm/trunk-jpl/src/c/modules/MinVyx/MinVyx.h
M /issm/trunk-jpl/src/c/modules/MinVyx/MinVyx.h M /issm/trunk-jpl/src/c/modules/MinVzx/MinVzx.h
M /issm/trunk-jpl/src/c/modules/MinVzx/MinVzx.h M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Balancethickness/CreateNodesBalancethickness.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/DiagnosticHoriz/CreateConstraintsDiagnosticHoriz.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHoriz/CreateLoadsDiagnosticHoriz.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticHutter/CreateConstraintsDiagnosticHutter.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/DiagnosticVert/CreateConstraintsDiagnosticVert.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Enthalpy/CreateConstraintsEnthalpy.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Melting/CreateLoadsMelting.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Prognostic/UpdateElementsPrognostic.cpp
M /issm/trunk-jpl/src/c/modules/Orthx/Orthx.cpp M /issm/trunk-jpl/src/c/modules/RheologyBbarAbsGradientx/RheologyBbarAbsGradientx.h
M /issm/trunk-jpl/src/c/modules/SetControlInputsFromVectorx/SetControlInputsFromVectorx.cpp
M /issm/trunk-jpl/src/c/modules/SetControlInputsFromVectorx/SetControlInputsFromVectorx.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/ThicknessAbsGradientx/ThicknessAbsGradientx.cpp
M /issm/trunk-jpl/src/c/modules/ThicknessAbsGradientx/ThicknessAbsGradientx.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
M /issm/trunk-jpl/src/c/modules/TotalSmbx/TotalSmbx.cpp M /issm/trunk-jpl/src/c/modules/TotalSmbx/TotalSmbx.h
M /issm/trunk-jpl/src/c/modules/TotalSmbx/TotalSmbx.h M /issm/trunk-jpl/src/c/solutions/control_core.cpp
M /issm/trunk-jpl/src/c/solutions/hydrology_core.cpp M /issm/trunk-jpl/src/c/solutions/issm.cpp

Export determination: 6.

Rationale: CHG: extended rest of the code (except for kriging code) to use IssmDouble and IssmPDouble active and passive types, for use with AD type

constructs (using ADOLC or ADIC in the future).

Change #377 with diff file ISSM-13074-13075.diff:

Function name:

M /issm/trunk-jpl/startup.m

Export determination: 6.

Rationale: BUG: mex modules are installed in trunk/lib instead of bin. Quick

fix: add lib/ to matlab's path

Change #378 with diff file ISSM-13075-13076.diff:

Function name:

M /issm/trunk-jpl/externalpackages/valgrind

Export determination: 6.

Rationale: CHG: ignore some files within the svn repository.

Change #379 with diff file ISSM-13076-13077.diff:

Function name:

M /issm/trunk-jpl/src/m/boundaryconditions/SetIceSheetBC.m M /issm/trunk-

jpl/src/m/boundaryconditions/SetIceShelfBC.m M /issm/trunk-jpl/src/m/boundaryconditions/SetIceShelfBC

M /issm/trunk-jpl/src/m/boundaryconditions/SetMarineIceSheetBC.m

Export determination: 6.

Rationale: BUG: Fix Matlab changeset [12892] and apply corresponding Python change.

Change #380 with diff file ISSM-13077-13078.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: In order to avoid issues with 'autoreconf', the '-force' flag is being added to the script.

Change #381 with diff file ISSM-13078-13079.diff:

Function name:

A /issm/trunk-jpl/externalpackages/adolc/install-dev.sh

Export determination: 6.

Rationale: NEW: dvpt branch of adolc install

Change #382 with diff file ISSM-13079-13080.diff:

Function name:

M /issm/trunk-jpl/externalpackages/adolc M /issm/trunk-jpl/externalpackages/adolc/install-dev.sh D /issm/trunk-jpl/externalpackages/adolc/install-macosx64.sh M /issm/trunk-jpl/externalpackages/adolc/install.sh

Export determination: 6.

Rationale: CHG: new dev install file + do not move trunk/ into src/* as it breaks the compilation

Change #383 with diff file ISSM-13080-13081.diff:

Function name:

M /issm/trunk-jpl/m4/issm_options.m4 M /issm/trunk-jpl/src/c/solutions/issm.cpp

Export determination: 6.

Rationale: CHG: need ADOLC_VERSION for compile with old versions of adolc or new dvpt versions. Also shielded tape_stats routine using the new ADOLC_VERSION version number.

Change #384 with diff file ISSM-13081-13082.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: cleaning up Tria (pow can use integers as exponents)

Change #385 with diff file ISSM-13082-13083.diff:

Function name:

M /issm/trunk-jpl/externalpackages/libtool/install.sh D /issm/trunk-jpl/m4/libtool.m4 D /issm/trunk-jpl/m4/ltoptions.m4 D /issm/trunk-jpl/m4/ltsugar.m4 D /issm/trunk-jpl/m4/ltversion.m4 D /issm/trunk-jpl/m4/lt_obsolete.m4

Export determination: 6.

Rationale: CHG: In order to prevent issues with 'm4' macros, 'libtool.m4' and 'lt*.m4' have been removed from SVN control and the Libtool install script now

copies the m4 files into the m4 directory.

Change #386 with diff file ISSM-13083-13084.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/ModelProcessorx.cpp M /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp M /issm/trunk-jpl/src/c/solutions/issm.cpp M /issm/trunk-jpl/src/m/classes/autodiff.m M /issm/trunk-jpl/src/m/classes/autodiff.py D /issm/trunk-jpl/src/m/enum/AutodiffForwardEnum.m D /issm/trunk-jpl/src/m/enum/AutodiffReverseEnum.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m

Export determination: 6.

Rationale: CHG: introduced autodiff bool to hook off and on the ADOLC at run time.

Change #387 with diff file ISSM-13084-13085.diff:

Function name:

M /issm/trunk-jpl/m4

Export determination: 6.

Rationale: CHG: ignore some files in svn repository.

Change #388 with diff file ISSM-13085-13086.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: fixed processmesh when using 'layer', use isprop instead of isfields as model is not a structure

Change #389 with diff file ISSM-13086-13087.diff:

Function name:

M /issm/trunk-jpl/Makefile.am M /issm/trunk-jpl/configure.ac M /issm/trunk-jpl/ltmain.sh M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/modules/matlab/Makefile.am

Export determination: 6.

Rationale: CHG: Streamlined m4 macros and /home/glperez/issm/issm-uci/trunk-jpl/src/c/Makefile.am

Change #390 with diff file ISSM-13087-13088.diff:

Function name:

M /issm/trunk-jpl/m4 D /issm/trunk-jpl/m4/ar-lib.m4

Export determination: 6.

Rationale: CHG: removed ar-lib.m4, not needed anymore, and do not ignore other files anymore

Change #391 with diff file ISSM-13088-13089.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Reverted changes made to src/modules/matlab/Makefile.am.

Change #392 with diff file ISSM-13089-13090.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: 'automakererun.sh' now points to the right location.

Change #393 with diff file ISSM-13090-13091.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: don't override the aclocal macros

Change #394 with diff file ISSM-13091-13092.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Stopped copying libtool macros into m4 directory.

Change #395 with diff file ISSM-13092-13093.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/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.h

Export determination: 6.

Rationale: CHG: renaming CreateKMatrixSlope CreateMassMatrix, since this is a standard L2 projection

Change #396 with diff file ISSM-13093-13094.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Added call to setdefaultparameters in inversion subclass.

Change #397 with diff file ISSM-13094-13095.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: Changed material constants from integer to float in materials subclass.

Change #398 with diff file ISSM-13095-13096.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: Fixed typos introduced in [12887].

Change #399 with diff file ISSM-13096-13097.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive1205.mat M /issm/trunk-jpl/test/Archives/Archive1206.mat M /issm/trunk-jpl/test/Archives/Archive1207.mat

Export determination: 6.

Rationale: BUG: archives for test that now use expwrite instead of expgen

Change #400 with diff file ISSM-13097-13098.diff:

Function name:

M /issm/trunk-jpl/src/m/os/issmscpin.py M /issm/trunk-jpl/src/m/solve/WriteData.py

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

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

Export determination: 6.

Rationale: CHG: Changes for first successful python run (including very important missing 'else').

Change #401 with diff file ISSM-13098-13099.diff:

Function name:

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

M /issm/trunk-jpl/src/m/classes/verbose.py M /issm/trunk-jpl/src/m/geometry/FlagElements.py

M /issm/trunk-jpl/src/m/miscellaneous/fielddisplay.py M /issm/trunk-jpl/src/m/solve/WriteData.py

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

Export determination: 6.

Rationale: CHG: Broaden isinstance criteria for python to consistently include unicode and long.

Change #402 with diff file ISSM-13099-13100.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: changing matlab version for nightly runs (switch from 7.6 to 7.12 as isprop does not work on the old version)

Change #403 with diff file ISSM-13100-13101.diff:

Function name:

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

Export determination: 6.

Rationale: CHG:Removed a step (Lapack install correctly now), Updated SuperLU download location

Change #404 with diff file ISSM-13107-13108.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/model/model.py M /issm/trunk-jpl/src/m/solve/marshall.py
M /issm/trunk-jpl/src/m/solvers/iluasmoptions.py M /issm/trunk-jpl/src/m/solvers/mumpsoptions.py
Export determination: 6.
Rationale: CHG: Change some python dicts to OrderedDicts.

Change #405 with diff file ISSM-13108-13109.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/runme.py A /issm/trunk-jpl/test/NightlyRun/runme2.m
(from /issm/trunk-jpl/test/NightlyRun/runme.m:13103) M /issm/trunk-jpl/test/NightlyRun/test101.py
Export determination: 6.

Rationale: NEW: netcdf version of runme.m (called runme2.m), runme.py, and
test101.py.

Change #406 with diff file ISSM-13109-13110.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/runme.m D /issm/trunk-jpl/test/NightlyRun/runme2.m
Export determination: 6.

Rationale: CHG: now use .nc archives for Nightly Runs

Change #407 with diff file ISSM-13110-13111.diff:

Function name:

A /issm/trunk-jpl/test/Archives/Archive101.nc A /issm/trunk-jpl/test/Archives/Archive102.nc
A /issm/trunk-jpl/test/Archives/Archive103.nc A /issm/trunk-jpl/test/Archives/Archive104.nc
A /issm/trunk-jpl/test/Archives/Archive105.nc A /issm/trunk-jpl/test/Archives/Archive106.nc
A /issm/trunk-jpl/test/Archives/Archive107.nc A /issm/trunk-jpl/test/Archives/Archive108.nc
A /issm/trunk-jpl/test/Archives/Archive109.nc A /issm/trunk-jpl/test/Archives/Archive110.nc
A /issm/trunk-jpl/test/Archives/Archive111.nc A /issm/trunk-jpl/test/Archives/Archive112.nc
A /issm/trunk-jpl/test/Archives/Archive113.nc A /issm/trunk-jpl/test/Archives/Archive114.nc
A /issm/trunk-jpl/test/Archives/Archive115.nc A /issm/trunk-jpl/test/Archives/Archive116.nc
A /issm/trunk-jpl/test/Archives/Archive117.nc A /issm/trunk-jpl/test/Archives/Archive118.nc
A /issm/trunk-jpl/test/Archives/Archive119.nc A /issm/trunk-jpl/test/Archives/Archive120.nc
A /issm/trunk-jpl/test/Archives/Archive121.nc A /issm/trunk-jpl/test/Archives/Archive122.nc
A /issm/trunk-jpl/test/Archives/Archive201.nc A /issm/trunk-jpl/test/Archives/Archive202.nc
A /issm/trunk-jpl/test/Archives/Archive203.nc A /issm/trunk-jpl/test/Archives/Archive204.nc
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A /issm/trunk-jpl/test/Archives/Archive209.nc A /issm/trunk-jpl/test/Archives/Archive210.nc
A /issm/trunk-jpl/test/Archives/Archive211.nc A /issm/trunk-jpl/test/Archives/Archive212.nc

[illegible]

A /issm/trunk-jpl/test/Archives/Archive507.nc A /issm/trunk-jpl/test/Archives/Archive508.nc
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A /issm/trunk-jpl/test/Archives/Archive611.nc A /issm/trunk-jpl/test/Archives/Archive612.nc
A /issm/trunk-jpl/test/Archives/Archive613.nc
Export determination: 6.
Rationale: NEW: added .nc archives for Nightly Runs

Change #408 with diff file ISSM-13112-13113.diff:
Function name:
M /issm/trunk-jpl/externalpackages/petsc/install-dev-linux64.sh
Export determination: 6.
Rationale: CHG: Added last libraries to petsc

Change #409 with diff file ISSM-13113-13114.diff:
Function name:
M /issm/trunk-jpl/src/modules/matlab/Makefile.am
Export determination: 6.
Rationale: BUG: GSLIB required for Kriging

Change #410 with diff file ISSM-13114-13115.diff:
Function name:
M /issm/trunk-jpl/configs/config-macosx64-helene.sh
Export determination: 6.
Rationale: CHG: added tao

Change #411 with diff file ISSM-13115-13116.diff:
Function name:

M /issm/trunk-jpl/src/modules/matlab/Makefile.am
Export determination: 6.
Rationale: BUG: added METISLIB to MeshPartition

Change #412 with diff file ISSM-13116-13117.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/flaim.py M /issm/trunk-jpl/src/m/classes/miscellaneous.py
M /issm/trunk-jpl/src/m/classes/model/model.py M /issm/trunk-jpl/src/m/classes/pairoptions.py
M /issm/trunk-jpl/src/m/classes/private.py M /issm/trunk-jpl/src/m/classes/qmu.py
M /issm/trunk-jpl/src/m/consistency/ismodelselfconsistent.py M /issm/trunk-jpl/src/m/solve/loadresultsfromdisk.py M /issm/trunk-jpl/src/m/solve/marshall.py
M /issm/trunk-jpl/src/m/solve/parseresultsfromdisk.py M /issm/trunk-jpl/src/m/solve/process_solve_options.py
Export determination: 6.

Rationale: CHG: Minor python modifications.

Change #413 with diff file ISSM-13119-13120.diff:

Function name:

M /issm/trunk-jpl/src M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h
A /issm/trunk-jpl/src/c/EnumDefinitions/EnumToModelField.cpp (from /issm/branches/trunk-jpl-damage/src/c/EnumDefinitions/EnumToModelField.cpp:13118) 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/Materials/Matrice.h M /issm/trunk-jpl/src/c/modules/EnumToString.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/DiagnosticHoriz/UpdateElementsDiagnosticHoriz.cpp
M /issm/trunk-jpl/src/c/modules/Solverx/Solverx.cpp M /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp
M /issm/trunk-jpl/src/m/classes/initialization.m M /issm/trunk-jpl/src/m/classes/inversion.m
M /issm/trunk-jpl/src/m/classes/materials.m M /issm/trunk-jpl/src/m/classes/model/model.m
M /issm/trunk-jpl/src/m/contrib/hack/tres.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/TemperatureBasalEnum.m (from /issm/branches/trunk-jpl-damage/src/m/enum/TemperatureBasalEnum.m:13118) A /issm/trunk-jpl/src/m/enum/TemperatureSurfaceEnum.m (from /issm/branches/trunk-jpl-damage/src/m/enum/TemperatureSurfaceEnum.m:13118) M /issm/trunk-jpl/test A /issm/trunk-jpl/test/Archives/Archive270.mat (from /issm/branches/trunk-jpl-damage/test/Archives/Archive270.mat:13118) A /issm/trunk-jpl/test/Archives/Archive272.mat (from /issm/branches/trunk-jpl-damage/test/Archives/Archive272.mat:13118) A /issm/trunk-jpl/test/Archives/Archive274.mat (from /issm/branches/trunk-jpl-damage/test/Archives/Archive274.mat:13118) M /issm/trunk-jpl/test/NightlyRun/IdToName.m
M /issm/trunk-jpl/test/NightlyRun/README A /issm/trunk-jpl/test/NightlyRun/test270.m

(from /issm/branches/trunk-jpl-damage/test/NightlyRun/test270.m:13118) A
 /issm/trunk-jpl/test/NightlyRun/test272.m (from /issm/branches/trunk-jpl-damage/test/NightlyRun/test272.m:13118) A
 /issm/trunk-jpl/test/NightlyRun/test274.m (from /issm/branches/trunk-jpl-damage/test/NightlyRun/test274.m:13118) M /issm/trunk-jpl/test/Par/79North.par
 M /issm/trunk-jpl/test/Par/ISMIPA.par M /issm/trunk-jpl/test/Par/ISMIPB.par
 M /issm/trunk-jpl/test/Par/ISMIPC.par M /issm/trunk-jpl/test/Par/ISMIPD.par
 M /issm/trunk-jpl/test/Par/ISMIPE.par M /issm/trunk-jpl/test/Par/ISMIPF.par
 M /issm/trunk-jpl/test/Par/Pig.par M /issm/trunk-jpl/test/Par/RoundSheetEISMINT.par
 M /issm/trunk-jpl/test/Par/RoundSheetShelf.par M /issm/trunk-jpl/test/Par/RoundSheetStaticEISMINT.par
 M /issm/trunk-jpl/test/Par/SquareEISMINT.par M /issm/trunk-jpl/test/Par/SquareSheetConstrained.par
 M /issm/trunk-jpl/test/Par/SquareSheetShelf.par M /issm/trunk-jpl/test/Par/SquareShelf.par
 M /issm/trunk-jpl/test/Par/SquareShelfConstrained.par M /issm/trunk-jpl/test/Par/SquareThermal.par
 Export determination: 6.
 Rationale: NEW: damage inversion capability merged from branches/trunk-jpl-damage into trunk-jpl. This affects EVERYONE. You will need to initialize a new rheology parameter md.materials.rheology_Z in all your model runs. Check the updated .par files in test/Par for syntax.

Change #414 with diff file ISSM-13120-13121.diff:

Function name:

A /issm/trunk-jpl/test/Archives/Archive270.nc A /issm/trunk-jpl/test/Archives/Archive272.nc

A /issm/trunk-jpl/test/Archives/Archive274.nc

Export determination: 6.

Rationale: NEW: archives for new damage nightly runs

Change #415 with diff file ISSM-13121-13122.diff:

Function name:

A /issm/trunk-jpl/src/m/enum/MaterialsRheologyZEnum.m A /issm/trunk-jpl/src/m/enum/MaterialsRheologyZEnum.m

Export determination: 6.

Rationale: NEW: forgot to add new enums

Change #416 with diff file ISSM-13122-13123.diff:

Function name:

A /issm/trunk-jpl/src/m/meca/initialdamage.m A /issm/trunk-jpl/src/m/meca/steadystateiceshelftemp.m

Export determination: 6.

Rationale: NEW: functions for calculating damage and temperature for an ice shelf

Change #417 with diff file ISSM-13123-13124.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: source environment.sh when launching a job using the generic cluster class, result of using shared libraries

Change #418 with diff file ISSM-13124-13125.diff:

Function name:

D /issm/trunk-jpl/src/m/meca/initialdamage.m D /issm/trunk-jpl/src/m/meca/steadystateiceshelftemp.m

Export determination: 6.

Rationale: CHG: reverting change committed in r13122

Change #419 with diff file ISSM-13125-13126.diff:

Function name:

M /issm/trunk-jpl/src/m/miscellaneous/fielddisplay.m M /issm/trunk-jpl/src/m/miscellaneous/fielddisplay.py

Export determination: 6.

Rationale: CHG: Rewrite python version of fielddisplay and make corresponding changes in matlab version.

Change #420 with diff file ISSM-13126-13127.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added grouplist as a property of pfe, and fixed queuing script so that environment.sh is now sourced and all libraries are found

Change #421 with diff file ISSM-13127-13128.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: use MOG geotif (500 or 100 m res) instead of jpeg

Change #422 with diff file ISSM-13128-13129.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: fixed build of Shp2Kml, which needs to be linked to its libraries

Change #423 with diff file ISSM-13129-13130.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/Penta.cpp

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

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/Materials/Material.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/Materials/Matpar.cpp M /issm/trunk-

jpl/src/c/classes/objects/Materials/Matpar.h M /issm/trunk-jpl/src/c/classes/objects/Params/BoolParam.h

M /issm/trunk-jpl/src/c/classes/objects/objects.h M /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumT

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

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

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

Export determination: 6.

Rationale: NEW: tria-¿material is now an object-oriented that can either be

Matrice or Matdamageice

Change #424 with diff file ISSM-13130-13131.diff:

Function name:

A /issm/trunk-jpl/src/c/classes/objects/Materials/Matdamageice.cpp A /issm/trunk-

jpl/src/c/classes/objects/Materials/Matdamageice.h

Export determination: 6.

Rationale: NEW: tria-¿material is now an object-oriented that can either be

Matrice or Matdamageice

Change #425 with diff file ISSM-13131-13132.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/initialization.m D /issm/trunk-jpl/src/m/classes/materials.m

A /issm/trunk-jpl/src/m/classes/matice.m (from /issm/trunk-jpl/src/m/classes/materials.m:13125)
M /issm/trunk-jpl/src/m/classes/model/model.m
Export determination: 6.
Rationale: NEW: tria-¿material is now an object-oriented that can either be Matice or Matdamageice

Change #426 with diff file ISSM-13132-13133.diff:

Function name:

A /issm/trunk-jpl/src/m/classes/matdamageice.m

Export determination: 6.

Rationale: NEW: tria-¿material is now an object-oriented that can either be Matice or Matdamageice

Change #427 with diff file ISSM-13133-13134.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: tria-¿material is now an object-oriented that can either be Matice or Matdamageice

Change #428 with diff file ISSM-13134-13135.diff:

Function name:

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

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

Export determination: 6.

Rationale: CHG: syn enum

Change #429 with diff file ISSM-13135-13136.diff:

Function name:

M /issm/trunk-jpl/src/m/exp/expcoarsen.m

Export determination: 6.

Rationale: CHG: cosmetics

Change #430 with diff file ISSM-13136-13137.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test270.m M /issm/trunk-jpl/test/NightlyRun/test272.m

M /issm/trunk-jpl/test/NightlyRun/test274.m

Export determination: 6.

Rationale: CHG: fixed damage tests

Change #431 with diff file ISSM-13137-13138.diff:

Function name:

M /issm/trunk-jpl/test/Par/79North.par M /issm/trunk-jpl/test/Par/ISMIPA.par

M /issm/trunk-jpl/test/Par/ISMIPB.par M /issm/trunk-jpl/test/Par/ISMIPC.par

M /issm/trunk-jpl/test/Par/ISMIPD.par M /issm/trunk-jpl/test/Par/ISMIPE.par

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

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

M /issm/trunk-jpl/test/Par/RoundSheetStaticEISMINT.par M /issm/trunk-jpl/test/Par/SquareEISMINT.pa

M /issm/trunk-jpl/test/Par/SquareSheetConstrained.par M /issm/trunk-jpl/test/Par/SquareSheetShelf.par

M /issm/trunk-jpl/test/Par/SquareShelf.par M /issm/trunk-jpl/test/Par/SquareShelfConstrained.par

M /issm/trunk-jpl/test/Par/SquareThermal.par

Export determination: 6.

Rationale: CHG: clean up as no damage is needed

Change #432 with diff file ISSM-13138-13139.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: 32 threads is too large, changed to 16

Change #433 with diff file ISSM-13139-13140.diff:

Function name:

D /issm/trunk-jpl/src/m/classes/materials.py A /issm/trunk-jpl/src/m/classes/matice.py

(from /issm/trunk-jpl/src/m/classes/materials.py:13128) M /issm/trunk-jpl/src/m/classes/model/model.py

Export determination: 6.

Rationale: CHG: sync python with matlab code

Change #434 with diff file ISSM-13140-13141.diff:

Function name:

D /issm/trunk-jpl/src/m/meca A /issm/trunk-jpl/src/m/mech (from /issm/trunk-jpl/src/m/meca:13138)

Export determination: 6.

Rationale: CHG: renamed src/m/meca to src/m/mech for clarity

Change #435 with diff file ISSM-13141-13142.diff:

Function name:

M /issm/trunk-jpl/externalpackages/valgrind/install-altix64.sh M /issm/trunk-jpl/externalpackages/valgrind/install-linux64.sh M /issm/trunk-jpl/externalpackages/valgrind/install-macosx32.sh M /issm/trunk-jpl/externalpackages/valgrind/install-macosx64.sh M /issm/trunk-jpl/externalpackages/valgrind/install-win32.sh

Export determination: 6.

Rationale: CHG: upgraded to valgrind-3.8.0, which works better with libtool

Change #436 with diff file ISSM-13142-13143.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Matrix/MatrixUtils.cpp

Export determination: 6.

Rationale: CHG: cosmetics

Change #437 with diff file ISSM-13143-13144.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/README

Export determination: 6.

Rationale: CHG: minor

Change #438 with diff file ISSM-13144-13145.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: meca was renamed mech, updated Makefile.am accordingly (NR crash)

Change #439 with diff file ISSM-13145-13146.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added libtool to environment.csh

Change #440 with diff file ISSM-13146-13147.diff:

Function name:

A /issm/trunk-jpl/test/Archives/Archive1101.nc A /issm/trunk-jpl/test/Archives/Archive1102.nc

A /issm/trunk-jpl/test/Archives/Archive1103.nc A /issm/trunk-jpl/test/Archives/Archive1104.nc

A /issm/trunk-jpl/test/Archives/Archive1105.nc A /issm/trunk-jpl/test/Archives/Archive1106.nc

A /issm/trunk-jpl/test/Archives/Archive1107.nc A /issm/trunk-jpl/test/Archives/Archive1108.nc

A /issm/trunk-jpl/test/Archives/Archive1109.nc A /issm/trunk-jpl/test/Archives/Archive1110.nc

A /issm/trunk-jpl/test/Archives/Archive1201.nc A /issm/trunk-jpl/test/Archives/Archive1202.nc

A /issm/trunk-jpl/test/Archives/Archive1203.nc A /issm/trunk-jpl/test/Archives/Archive1204.nc

A /issm/trunk-jpl/test/Archives/Archive1205.nc A /issm/trunk-jpl/test/Archives/Archive1206.nc

A /issm/trunk-jpl/test/Archives/Archive1207.nc A /issm/trunk-jpl/test/Archives/Archive1208.nc

A /issm/trunk-jpl/test/Archives/Archive1301.nc A /issm/trunk-jpl/test/Archives/Archive1302.nc

A /issm/trunk-jpl/test/Archives/Archive1303.nc A /issm/trunk-jpl/test/Archives/Archive1304.nc

A /issm/trunk-jpl/test/Archives/Archive1401.nc A /issm/trunk-jpl/test/Archives/Archive1402.nc

A /issm/trunk-jpl/test/Archives/Archive1501.nc A /issm/trunk-jpl/test/Archives/Archive1502.nc

A /issm/trunk-jpl/test/Archives/Archive1601.nc A /issm/trunk-jpl/test/Archives/Archive1602.nc

Export determination: 6.

Rationale: NEW: added netcdf archives for validation tests

Change #441 with diff file ISSM-13147-13148.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: added yams path in enviromnent

Change #442 with diff file ISSM-13148-13149.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added md = in front of all checksoncistency

Change #443 with diff file ISSM-13149-13150.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added pathappend so that a directory is not added twice the PATH, same for libraries

Change #444 with diff file ISSM-13150-13151.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/extrusion/project3d.m M /issm/trunk-jpl/src/m/miscellaneous/fielddisplay.py

Export determination: 6.

Rationale: NEW: Python versions of model.extrude and project3d (and corresponding Matlab changes).

Change #445 with diff file ISSM-13151-13152.diff:

Function name:

A /issm/trunk-jpl/src/m/extrusion/project3d.py

Export determination: 6.

Rationale: NEW: Python versions of model.extrude and project3d (and corresponding Matlab changes).

Change #446 with diff file ISSM-13152-13153.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test101.py A /issm/trunk-jpl/test/NightlyRun/test102.py

A /issm/trunk-jpl/test/NightlyRun/test103.py A /issm/trunk-jpl/test/NightlyRun/test105.py

A /issm/trunk-jpl/test/NightlyRun/test107.py A /issm/trunk-jpl/test/NightlyRun/test108.py

A /issm/trunk-jpl/test/NightlyRun/test109.py A /issm/trunk-jpl/test/NightlyRun/test110.py

Export determination: 6.

Rationale: NEW: More working python tests! Woo hoo!

Change #447 with diff file ISSM-13153-13154.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: plot_scatter takes options

Change #448 with diff file ISSM-13154-13155.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: use less colors by default

Change #449 with diff file ISSM-13155-13156.diff:

Function name:

M /issm/trunk-jpl/externalpackages/adolc/install-dev.sh

Export determination: 6.

Rationale: for the time being use the branch held on gitorious

Change #450 with diff file ISSM-13156-13157.diff:

Function name:

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

D /issm/trunk-jpl/externalpackages/autoconf D /issm/trunk-jpl/externalpackages/automake

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

D /issm/trunk-jpl/externalpackages/libtool M /issm/trunk-jpl/scripts/automakererun.sh

Export determination: 6.

Rationale: CHG: install all autotools packages in one single directory to avoid issues whith autoreconf. autotools now installs autoconf, automake and libtool

Change #451 with diff file ISSM-13157-13158.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: do not recreate install directory several times

Change #452 with diff file ISSM-13158-13159.diff:

Function name:

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

Export determination: 6.
Rationale: BUG: forgot to cd back

Change #453 with diff file ISSM-13159-13160.diff:
Function name:
M /issm/trunk-jpl/externalpackages/autotools/install.sh
Export determination: 6.
Rationale: error out when one of things fails

Change #454 with diff file ISSM-13160-13161.diff:
Function name:
M /issm/trunk-jpl/Makefile.am
Export determination: 6.
Rationale: with libtool and aclocal colocated this is no longer needed

Change #455 with diff file ISSM-13161-13162.diff:
Function name:
M /issm/trunk-jpl/etc/environment.sh
Export determination: 6.
Rationale: CHG: added netcdf in c include path

Change #456 with diff file ISSM-13162-13163.diff:
Function name:
M /issm/trunk-jpl/externalpackages/autotools M /issm/trunk-jpl/externalpackages/autotools/install.sh
Export determination: 6.
Rationale: CHG: fixed circular dependency on a certain version of autoconf.

Change #457 with diff file ISSM-13163-13164.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/test3001.m
Export determination: 6.
Rationale: CHG: added hook-ups to 3000 series of tests, for AD related things

Change #458 with diff file ISSM-13164-13165.diff:

Function name:

M /issm/trunk-jpl/src/ad/todo

Export determination: 6.

Rationale: CHG: AD todo

Change #459 with diff file ISSM-13165-13166.diff:

Function name:

D /issm/trunk-jpl/test/Archives/Archive101.mat D /issm/trunk-jpl/test/Archives/Archive102.mat
D /issm/trunk-jpl/test/Archives/Archive103.mat D /issm/trunk-jpl/test/Archives/Archive104.mat
D /issm/trunk-jpl/test/Archives/Archive105.mat D /issm/trunk-jpl/test/Archives/Archive106.mat
D /issm/trunk-jpl/test/Archives/Archive107.mat D /issm/trunk-jpl/test/Archives/Archive108.mat
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D /issm/trunk-jpl/test/Archives/Archive612.mat D /issm/trunk-jpl/test/Archives/Archive613.mat
Export determination: 6.
Rationale: CHG: removed .mat archives, now use .nc

Change #460 with diff file ISSM-13166-13167.diff:
Function name:
M /issm/trunk-jpl/bin
Export determination: 6.
Rationale: CHG: updated ignored files

Change #461 with diff file ISSM-13167-13168.diff:
Function name:
M /issm/trunk-jpl/src/modules/matlab
Export determination: 6.
Rationale: CHG: updated ignored files

Change #462 with diff file ISSM-13168-13169.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/objects/Materials/Matdamageice.cpp
Export determination: 6.
Rationale: CHG: adapted code to compile using ADOLC

Change #463 with diff file ISSM-13169-13170.diff:

Function name:
M /issm/trunk-jpl/src/m/classes/matice.py
Export determination: 6.
Rationale: BUG: Fix new errors in python matice class.

Change #464 with diff file ISSM-13170-13171.diff:

Function name:
M /issm/trunk-jpl/src/m/classes/clusters/generic.m M /issm/trunk-jpl/src/m/classes/clusters/generic.py
M /issm/trunk-jpl/src/m/contrib/bamg/YamsCall.m M /issm/trunk-jpl/src/m/contrib/gslib/pkriging.m
M /issm/trunk-jpl/src/m/miscellaneous/MatlabFuncs.py M /issm/trunk-jpl/src/m/os/issmdir.m
M /issm/trunk-jpl/src/m/os/issmdir.py M /issm/trunk-jpl/src/m/os/issmscpin.m
M /issm/trunk-jpl/src/m/os/issmscpin.py M /issm/trunk-jpl/src/m/os/issmscpout.m
M /issm/trunk-jpl/src/m/os/issmscpout.py M /issm/trunk-jpl/src/m/os/issmssh.m
M /issm/trunk-jpl/src/m/os/issmssh.py M /issm/trunk-jpl/src/m/os/jplsvn.m
M /issm/trunk-jpl/src/m/os/oshostname.m M /issm/trunk-jpl/src/m/solve/loadresultsfromcluster.m
M /issm/trunk-jpl/src/m/solve/loadresultsfromcluster.py
Export determination: 6.
Rationale: CHG: Implement ispc() function for Python (and clean up Matlab calls).

Change #465 with diff file ISSM-13171-13172.diff:

Function name:
M /issm/trunk-jpl/src/m/classes/diagnostic.py M /issm/trunk-jpl/src/m/classes/flowequation.py
M /issm/trunk-jpl/src/m/classes/inversion.py M /issm/trunk-jpl/src/m/parameterization/setflowequation.py
Export determination: 6.
Rationale: CHG: Change Python conditional list comprehensions to numpy.nonzero() for clarity where possible.

Change #466 with diff file ISSM-13172-13173.diff:

Function name:
M /issm/trunk-jpl/externalpackages/autotools/install.sh
Export determination: 6.
Rationale: BUG: prepend autotools in PATH

Change #467 with diff file ISSM-13173-13174.diff:

Function name:
M /issm/trunk-jpl/src/modules/KMLMeshWrite/KMLMeshWrite.cpp
Export determination: 6.
Rationale: CHG: Removed xrealloc from KMLMeshWrite.cpp.

Change #468 with diff file ISSM-13174-13175.diff:
Function name:
M /issm/trunk-jpl/src/modules/python/Makefile.am
Export determination: 6.
Rationale: CHG: using libtool to generate python modules

Change #469 with diff file ISSM-13175-13176.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/clusters/discover.m
Export determination: 6.
Rationale: CHG: update modules

Change #470 with diff file ISSM-13176-13177.diff:
Function name:
M /issm/trunk-jpl/externalpackages/petsc/install-3.2-discover.sh
Export determination: 6.
Rationale: CHG: add shared libs and remove lapack

Change #471 with diff file ISSM-13177-13178.diff:
Function name:
M /issm/trunk-jpl/configs/config-discover.sh
Export determination: 6.
Rationale: CHG: add tao, remove lapack

Change #472 with diff file ISSM-13178-13179.diff:
Function name:
M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m

Export determination: 6.
Rationale: NEW: added AdolcParamEnum.

Change #473 with diff file ISSM-13179-13180.diff:
Function name:
M /issm/trunk-jpl/externalpackages/scipy/install-linux64.sh
Export determination: 6.
Rationale: CHG: one step installation

Change #474 with diff file ISSM-13180-13181.diff:
Function name:
A /issm/trunk-jpl/src/m/enum/AdolcParamEnum.m
Export determination: 6.
Rationale: NEW: new AdolcParam enum

Change #475 with diff file ISSM-13181-13182.diff:
Function name:
A /issm/trunk-jpl/test/Data/79North.nc A /issm/trunk-jpl/test/Data/ISMIPE.nc
A /issm/trunk-jpl/test/Data/Pig.nc A /issm/trunk-jpl/test/Data/SquareSheetConstrained.nc
A /issm/trunk-jpl/test/Data/SquareSheetShelf.nc A /issm/trunk-jpl/test/Data/SquareShelf.nc
A /issm/trunk-jpl/test/Data/SquareShelfConstrained.nc A /issm/trunk-jpl/test/Data/convertmattonc.m
A /issm/trunk-jpl/test/Data/loadnc.m
Export determination: 6.
Rationale: NEW: Converted test/Data/*.data to netcdf *.nc (and included Matlab conversion and loading functions).

Change #476 with diff file ISSM-13182-13183.diff:
Function name:
M /issm/trunk-jpl/src/modules/python/Makefile.am
Export determination: 6.
Rationale: BUG: do not include MEXLIB to compile python modules

Change #477 with diff file ISSM-13183-13184.diff:

Function name:
M /issm/trunk-jpl/src/modules/python/Makefile.am
Export determination: 6.
Rationale: BUG: fixed python module compilation (missing symbols from libISSMCore.so)

Change #478 with diff file ISSM-13184-13185.diff:

Function name:
D /issm/trunk-jpl/externalpackages/adolc/doc
Export determination: 6.
Rationale: there is updated documentation distributed with the tool

Change #479 with diff file ISSM-13185-13186.diff:

Function name:
M /issm/trunk-jpl/src/c/Makefile.am A /issm/trunk-jpl/src/c/classes/objects/Params/GenericParam.h
M /issm/trunk-jpl/src/c/classes/objects/objects.h M /issm/trunk-jpl/src/c/modules/Solverx/Solverx.h
M /issm/trunk-jpl/src/c/modules/Solverx/SolverxSeq.cpp A /issm/trunk-jpl/src/c/shared/Numerics/adolc.ed
M /issm/trunk-jpl/src/c/solutions/issm.cpp
Export determination: 6.
Rationale: NEW : register externally differentiated function for ADOL-C ; introduce a generic parameter class to hold a structure of such registry items

Change #480 with diff file ISSM-13186-13187.diff:

Function name:
M /issm/trunk-jpl/src/c/classes/objects/Params/GenericParam.h
Export determination: 6.
Rationale: CHG clarify comment

Change #481 with diff file ISSM-13187-13188.diff:

Function name:
M /issm/trunk-jpl/Makefile.am M /issm/trunk-jpl/configure.ac
Export determination: 6.
Rationale: CHG - the reference to the once separate install of libtool is obsolete now that libtool and aclocal are in one install directory under autotools but I followed the recommendation of the tools to still add the local m4 dir to the

include path.

Change #482 with diff file ISSM-13188-13189.diff:

Function name:

M /issm/trunk-jpl/externalpackages/netcdf/install-4.2.sh

Export determination: 6.

Rationale: CHG: no need to compile doc

Change #483 with diff file ISSM-13189-13190.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: python modules are now in lib/

Change #484 with diff file ISSM-13190-13191.diff:

Function name:

M /issm/trunk-jpl/startup.py

Export determination: 6.

Rationale: BUG: materials has been renamed matice

Change #485 with diff file ISSM-13191-13192.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/Makefile

Export determination: 6.

Rationale: CHG: remove qmu dirs

Change #486 with diff file ISSM-13192-13193.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: class name might be provided

Change #487 with diff file ISSM-13193-13194.diff:

Function name:

M /issm/trunk-jpl/startup.py

Export determination: 6.

Rationale: CHG: Added runme to startup.py.

Change #488 with diff file ISSM-13194-13195.diff:

Function name:

D /issm/trunk-jpl/test/NightlyRun/test999.py

Export determination: 6.

Rationale: CHG: deleted test999 (not needed anymore)

Change #489 with diff file ISSM-13195-13196.diff:

Function name:

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

Export determination: 6.

Rationale: NEW - to trace the solver call for ADOLC call the wrapped solver through the EDF interface

Change #490 with diff file ISSM-13196-13197.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/Solverx/Solverx.h M /issm/trunk-jpl/src/c/modules/Solverx/SolverxSeq.cpp

Export determination: 6.

Rationale: CHG: streamline the allocation of the temporary vector for the solution (single owner allocates & deletes)

Change #491 with diff file ISSM-13197-13198.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: separate matlab and python reports (tbc)

Change #492 with diff file ISSM-13198-13199.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: added python tests in NR report

Change #493 with diff file ISSM-13199-13200.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: Fix model.extrude for Python.

Change #494 with diff file ISSM-13200-13201.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: matlab error width

Change #495 with diff file ISSM-13201-13202.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: display matlab's elapsed time

Change #496 with diff file ISSM-13202-13203.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: making report smaller in size

Change #497 with diff file ISSM-13203-13204.diff:

Function name:

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

Export determination: 6.
Rationale: CHG: do not display Matlab error if there is no error

Change #498 with diff file ISSM-13204-13205.diff:
Function name:
M /issm/trunk-jpl/externalpackages/dakota/install-pleiades.sh
Export determination: 6.
Rationale: CHG: reformat so script would run on pfe

Change #499 with diff file ISSM-13205-13206.diff:
Function name:
M /issm/trunk-jpl/externalpackages/petsc/install-3.2-macosx64.sh
Export determination: 6.
Rationale: CHG: update, we don't need lapack amd we need shared libs

Change #500 with diff file ISSM-13206-13207.diff:
Function name:
M /issm/trunk-jpl/externalpackages/dakota/install-macosx64.sh
Export determination: 6.
Rationale: CHG: update, we don't need lapack

Change #501 with diff file ISSM-13207-13208.diff:
Function name:
M /issm/trunk-jpl/configs/config-macosx64-nicole.sh
Export determination: 6.
Rationale: CHG: update, we don't need lapack

Change #502 with diff file ISSM-13208-13209.diff:
Function name:
M /issm/trunk-jpl/etc/environment.sh
Export determination: 6.
Rationale: CHG: fixed DYLD library path pre and append routines

Change #503 with diff file ISSM-13209-13210.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: no such thing as a DYLD_RUN_PATH environment variable on mac

Change #504 with diff file ISSM-13210-13211.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: simplified font style and align left

Change #505 with diff file ISSM-13211-13212.diff:

Function name:

M /issm/trunk-jpl/src/modules/AverageFilter/AverageFilter.h M /issm/trunk-jpl/src/modules/BamgConvertMesh/BamgConvertMesh.h M /issm/trunk-jpl/src/modules/BamgMesher/BamgMesher.h M /issm/trunk-jpl/src/modules/BamgTriangulate/BamgTriangulate.h M /issm/trunk-jpl/src/modules/Chaco/Chaco.h M /issm/trunk-jpl/src/modules/ContourToMesh/ContourToMesh.h M /issm/trunk-jpl/src/modules/ContourToNodes/ContourToNodes.h M /issm/trunk-jpl/src/modules/ElementConnectivity/ElementConnectivity.h M /issm/trunk-jpl/src/modules/EnumToString/EnumToString.h M /issm/trunk-jpl/src/modules/Exp2Kml/Exp2Kml.h M /issm/trunk-jpl/src/modules/HoleFiller/HoleFiller.h M /issm/trunk-jpl/src/modules/InternalFront/InternalFront.h M /issm/trunk-jpl/src/modules/InterpFromGridToMesh/InterpFromGridToMesh.h M /issm/trunk-jpl/src/modules/InterpFromMesh2d/InterpFromMesh2d.h M /issm/trunk-jpl/src/modules/InterpFromMeshToGrid/InterpFromMeshToGrid.h M /issm/trunk-jpl/src/modules/InterpFromMeshToMesh2d/InterpFromMeshToMesh2d.h M /issm/trunk-jpl/src/modules/InterpFromMeshToMesh3d/InterpFromMeshToMesh3d.h M /issm/trunk-jpl/src/modules/KMLFileRead/KMLFileRead.h M /issm/trunk-jpl/src/modules/KMLMeshWrite/KMLMeshWrite.h M /issm/trunk-jpl/src/modules/KMLOverlay/KMLOverlay.h M /issm/trunk-jpl/src/modules/Kml2Exp/Kml2Exp.h M /issm/trunk-jpl/src/modules/Kriging/Kriging.h M /issm/trunk-jpl/src/modules/Ll2xy/Ll2xy.h M /issm/trunk-jpl/src/modules/MeshPartition/MeshPartition.h M /issm/trunk-jpl/src/modules/MeshProfileIntersection/MeshProfileIntersection.h M /issm/trunk-jpl/src/modules/NodeConnectivity/NodeConnectivity.h M /issm/trunk-jpl/src/modules/PointCloudFindNeighbors/PointCloudFindNeighbors.h M /issm/trunk-jpl/src/modules/PropagateFlagsFromConnectivity/PropagateFlagsFromConnectivity.h M /issm/trunk-jpl/src/modules/Scotch/Scotch.h M /issm/trunk-jpl/src/modules/Shp2Kml/Shp2Kml.h M /issm/trunk-jpl/src/modules/StringToEnum/StringToEnum.h M /issm/trunk-jpl/src/modules/TriMesh/TriMesh.h M /issm/trunk-jpl/src/modules/TriMeshProcessRifts/TriMeshProcessRifts.h M /issm/trunk-jpl/src/modules/TriaSearch/TriaSearch.h M /issm/trunk-jpl/src/modules/Xy2ll/Xy2ll.h

Export determination: 6.
Rationale: CHG: preparing modules for python compatibility

Change #506 with diff file ISSM-13212-13213.diff:

Function name:
M /issm/trunk-jpl/m4
Export determination: 6.
Rationale: CHG: get svn to ignore these files

Change #507 with diff file ISSM-13213-13214.diff:

Function name:
M /issm/trunk-jpl/src/modules/AverageFilter/AverageFilter.h M /issm/trunk-jpl/src/modules/BamgConvertMesh/BamgConvertMesh.h M /issm/trunk-jpl/src/modules/BamgMesher/BamgMesher.h M /issm/trunk-jpl/src/modules/BamgTriangulate/BamgTriangulate.h M /issm/trunk-jpl/src/modules/Chaco/Chaco.h M /issm/trunk-jpl/src/modules/ContourToMesh/ContourToMesh.h M /issm/trunk-jpl/src/modules/ContourToNodes/ContourToNodes.h M /issm/trunk-jpl/src/modules/ElementConnectivity/ElementConnectivity.h M /issm/trunk-jpl/src/modules/EnumToString/EnumToString.h M /issm/trunk-jpl/src/modules/Exp2Kml/Exp2Kml.h M /issm/trunk-jpl/src/modules/HoleFiller/HoleFiller.h M /issm/trunk-jpl/src/modules/InternalFront/InternalFront.h M /issm/trunk-jpl/src/modules/InterpFromGridToMesh/InterpFromGridToMesh.h M /issm/trunk-jpl/src/modules/InterpFromMesh2d/InterpFromMesh2d.h M /issm/trunk-jpl/src/modules/InterpFromMeshToGrid/InterpFromMeshToGrid.h M /issm/trunk-jpl/src/modules/InterpFromMeshToMesh2d/InterpFromMeshToMesh2d.h M /issm/trunk-jpl/src/modules/InterpFromMeshToMesh3d/InterpFromMeshToMesh3d.h M /issm/trunk-jpl/src/modules/KMLFileRead/KMLFileRead.h M /issm/trunk-jpl/src/modules/KMLMeshWrite/KMLMeshWrite.h M /issm/trunk-jpl/src/modules/KMLOverlay/KMLOverlay.h M /issm/trunk-jpl/src/modules/Kml2Exp/Kml2Exp.h M /issm/trunk-jpl/src/modules/Kriging/Kriging.h M /issm/trunk-jpl/src/modules/Ll2xy/Ll2xy.h M /issm/trunk-jpl/src/modules/MeshPartition/MeshPartition.h M /issm/trunk-jpl/src/modules/MeshProfileIntersection/MeshProfileIntersection.h M /issm/trunk-jpl/src/modules/NodeConnectivity/NodeConnectivity.h M /issm/trunk-jpl/src/modules/PointCloudFindNeighbors/PointCloudFindNeighbors.h M /issm/trunk-jpl/src/modules/PropagateFlagsFromConnectivity/PropagateFlagsFromConnectivity.h M /issm/trunk-jpl/src/modules/Scotch/Scotch.h M /issm/trunk-jpl/src/modules/Shp2Kml/Shp2Kml.h M /issm/trunk-jpl/src/modules/StringToEnum/StringToEnum.h M /issm/trunk-jpl/src/modules/TriMesh/TriMesh.h M /issm/trunk-jpl/src/modules/TriMeshProcessRifts/TriMeshProcessRifts.h M /issm/trunk-jpl/src/modules/TriaSearch/TriaSearch.h M /issm/trunk-jpl/src/modules/Xy2ll/Xy2ll.h
Export determination: 6.
Rationale: CHG: preparing mex module conversion to python

Change #508 with diff file ISSM-13214-13215.diff:

Function name:

M /issm/trunk-jpl/src/modules/AverageFilter/AverageFilter.h M /issm/trunk-jpl/src/modules/BamgConvertMesh/BamgConvertMesh.h M /issm/trunk-jpl/src/modules/BamgMesher/BamgMesher.h M /issm/trunk-jpl/src/modules/BamgTriangulate/BamgTriangulate.h M /issm/trunk-jpl/src/modules/Chaco/Chaco.h M /issm/trunk-jpl/src/modules/ContourToMesh/ContourToMesh.h M /issm/trunk-jpl/src/modules/ContourToNodes/ContourToNodes.h M /issm/trunk-jpl/src/modules/ElementConnectivity/ElementConnectivity.h M /issm/trunk-jpl/src/modules/EnumToString/EnumToString.cpp M /issm/trunk-jpl/src/modules/EnumToString/EnumToString.h M /issm/trunk-jpl/src/modules/Exp2Kml/Exp2Kml.h M /issm/trunk-jpl/src/modules/HoleFiller/HoleFiller.h M /issm/trunk-jpl/src/modules/InternalFront/InternalFront.h M /issm/trunk-jpl/src/modules/InterpFromGridToMesh/InterpFromGridToMesh.h M /issm/trunk-jpl/src/modules/InterpFromMesh2d/InterpFromMesh2d.h M /issm/trunk-jpl/src/modules/InterpFromMeshToMesh3d/InterpFromMeshToMesh3d.h M /issm/trunk-jpl/src/modules/KMLFileRead/KMLFileRead.h M /issm/trunk-jpl/src/modules/KMLMeshWrite/KMLMeshWrite.h M /issm/trunk-jpl/src/modules/KMLOverlay/KMLOverlay.h M /issm/trunk-jpl/src/modules/Kml2Exp/Kml2Exp.h M /issm/trunk-jpl/src/modules/Kriging/Kriging.h M /issm/trunk-jpl/src/modules/Ll2xy/Ll2xy.h M /issm/trunk-jpl/src/modules/MeshPartition/MeshPartition.h M /issm/trunk-jpl/src/modules/MeshProfileIntersection/MeshProfileIntersection.h M /issm/trunk-jpl/src/modules/PointCloudFindNeighbors/PointCloudFindNeighbors.h M /issm/trunk-jpl/src/modules/PropagateFlagsFromConnectivity/PropagateFlagsFromConnectivity.h M /issm/trunk-jpl/src/modules/Scotch/Scotch.h M /issm/trunk-jpl/src/modules/Shp2Kml/Shp2Kml.h M /issm/trunk-jpl/src/modules/StringToEnum/StringToEnum.h M /issm/trunk-jpl/src/modules/TriMesh/TriMesh.h M /issm/trunk-jpl/src/modules/TriMeshProcessRifts/TriMeshProcessRifts.h M /issm/trunk-jpl/src/modules/TriaSearch/TriaSearch.h M /issm/trunk-jpl/src/modules/Xy2ll/Xy2ll.h

Export determination: 6.

Rationale: CHG: preparing mex module conversion to python

Change #509 with diff file ISSM-13215-13216.diff:

Function name:

M /issm/trunk-jpl/src/c/EnumDefinitions/EnumDefinitions.h M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/GenericOptionEnum.m M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m

Export determination: 6.

Rationale: CHG: new GenericOptionEnum for the GenericOption object, which replaces all the Option objects we used to have.

Change #510 with diff file ISSM-13216-13217.diff:

Function name:

M /issm/trunk-jpl/src/c/Container/Elements.cpp 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/Makefile.am
M /issm/trunk-jpl/src/c/classes/IoModel.cpp M /issm/trunk-jpl/src/c/classes/matrix/ElementMatrix.cpp
M /issm/trunk-jpl/src/c/classes/matrix/ElementMatrix.h M /issm/trunk-jpl/src/c/classes/matrix/ElementVector.cpp
M /issm/trunk-jpl/src/c/classes/matrix/ElementVector.h D /issm/trunk-jpl/src/c/classes/matrix/Matrix.cpp
M /issm/trunk-jpl/src/c/classes/matrix/Matrix.h D /issm/trunk-jpl/src/c/classes/matrix/Vector.cpp
M /issm/trunk-jpl/src/c/classes/matrix/Vector.h M /issm/trunk-jpl/src/c/classes/objects/ElementResults/BoolElementResult.h
M /issm/trunk-jpl/src/c/classes/objects/ElementResults/BoolElementResult.cpp
M /issm/trunk-jpl/src/c/classes/objects/ElementResults/DoubleElementResult.h
M /issm/trunk-jpl/src/c/classes/objects/ElementResults/DoubleElementResult.cpp
M /issm/trunk-jpl/src/c/classes/objects/ElementResults/ElementResult.h M /issm/trunk-jpl/src/c/classes/objects/ElementResults/PentaP1ElementResult.h
M /issm/trunk-jpl/src/c/classes/objects/ElementResults/PentaP1ElementResult.cpp M /issm/trunk-jpl/src/c/classes/objects/ElementResults/TriaP1ElementResult.h
M /issm/trunk-jpl/src/c/classes/objects/ElementResults/TriaP1ElementResult.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Element.h
M /issm/trunk-jpl/src/c/classes/objects/Elements/Element.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.h
M /issm/trunk-jpl/src/c/classes/objects/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.h
M /issm/trunk-jpl/src/c/classes/objects/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/objects/ExternalR.h
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.h M /issm/trunk-jpl/src/c/classes/objects/Inputs/ControlInput.cpp
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/DoubleInput.cpp M /issm/trunk-jpl/src/c/classes/objects/Inputs/Input.h
M /issm/trunk-jpl/src/c/classes/objects/Inputs/Input.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/TransientInput.h
M /issm/trunk-jpl/src/c/classes/objects/Inputs/TransientInput.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/Loads/Icefront.h
M /issm/trunk-jpl/src/c/classes/objects/Loads/Icefront.cpp M /issm/trunk-jpl/src/c/classes/objects/Loads/Load.h
M /issm/trunk-jpl/src/c/classes/objects/Loads/Load.cpp M /issm/trunk-jpl/src/c/classes/objects/Loads/Numericalflux.h
M /issm/trunk-jpl/src/c/classes/objects/Loads/Numericalflux.cpp M /issm/trunk-jpl/src/c/classes/objects/Loads/Pengrid.h
M /issm/trunk-jpl/src/c/classes/objects/Loads/Pengrid.cpp M /issm/trunk-jpl/src/c/classes/objects/Loads/Per.h
M /issm/trunk-jpl/src/c/classes/objects/Loads/Per.cpp M /issm/trunk-jpl/src/c/classes/objects/Loads/Penpair.h
M /issm/trunk-jpl/src/c/classes/objects/Loads/Penpair.cpp M /issm/trunk-jpl/src/c/classes/objects/Loads/Rift.h
M /issm/trunk-jpl/src/c/classes/objects/Loads/Rift.cpp M /issm/trunk-jpl/src/c/classes/objects/Loads/Riftfront.h
M /issm/trunk-jpl/src/c/classes/objects/Loads/Riftfront.cpp M /issm/trunk-jpl/src/c/classes/objects/Materials/Matdamage.h
M /issm/trunk-jpl/src/c/classes/objects/Materials/Matdamage.cpp M /issm/trunk-jpl/src/c/classes/objects/Materials/Matice.h
M /issm/trunk-jpl/src/c/classes/objects/Materials/Matice.cpp M /issm/trunk-jpl/src/c/classes/objects/Materials/Material.h
M /issm/trunk-jpl/src/c/classes/objects/Materials/Material.cpp M /issm/trunk-jpl/src/c/classes/objects/Materials/Matrice.h
M /issm/trunk-jpl/src/c/classes/objects/Materials/Matrice.cpp M /issm/trunk-jpl/src/c/classes/objects/Node.h
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/GenericOption.cpp D /issm/trunk-jpl/src/c/classes/objects/Options/Option.h
D /issm/trunk-jpl/src/c/classes/objects/Options/Option.cpp M /issm/trunk-jpl/src/c/classes/objects/Options/OptionCell.h
M /issm/trunk-jpl/src/c/classes/objects/Options/OptionCell.cpp D /issm/trunk-jpl/src/c/classes/objects/Options/OptionChar.h
D /issm/trunk-jpl/src/c/classes/objects/Options/OptionChar.cpp D /issm/trunk-jpl/src/c/classes/objects/Options/OptionDouble.h
D /issm/trunk-jpl/src/c/classes/objects/Options/OptionDouble.cpp

D /issm/trunk-jpl/src/c/classes/objects/Options/OptionLogical.cpp D /issm/trunk-jpl/src/c/classes/objects/Options/OptionLogical.h D /issm/trunk-jpl/src/c/classes/objects/Options/OptionStruct.h M /issm/trunk-jpl/src/c/classes/objects/Params/BoolParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/DoubleMatParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/DoubleMatParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/DoubleParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/DoubleVecParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/FileParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/GenericParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/IntMatParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/IntParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/IntVecParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/MatrixParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/MatrixParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/Param.h M /issm/trunk-jpl/src/c/classes/objects/Params/StringArrayParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/StringParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/TransientParam.h M /issm/trunk-jpl/src/c/classes/objects/Params/VectorParam.h 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/classes/objects/objects.h M /issm/trunk-jpl/src/c/io/Disk/diskio.h M /issm/trunk-jpl/src/c/matlab/io/FetchMatlabData.cpp M /issm/trunk-jpl/src/c/matlab/io/MatlabMatrixToSeqMat.cpp M /issm/trunk-jpl/src/c/matlab/io/MatlabMatrixToSeqVec.cpp M /issm/trunk-jpl/src/c/matlab/io/MatlabVectorToVector.cpp M /issm/trunk-jpl/src/c/matlab/io/OptionParse.cpp M /issm/trunk-jpl/src/c/matlab/io/WriteMatlabData.cpp M /issm/trunk-jpl/src/c/matlab/io/matlabio.h 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/ComputeBasalStressx/ComputeBasalStressx.h M /issm/trunk-jpl/src/c/modules/ComputeStrainRatex/ComputeStrainRatex.cpp M /issm/trunk-jpl/src/c/modules/ComputeStrainRatex/ComputeStrainRatex.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/ContourToMeshx.h 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/ContourToNodesx/ContourToNodesx.h M /issm/trunk-jpl/src/c/modules/ControlInputGetGradientx/ControlInputGetGradientx.cpp M /issm/trunk-jpl/src/c/modules/ControlInputGetGradientx/ControlInputGetGradientx.h M /issm/trunk-jpl/src/c/modules/ControlInputSetGradientx/ControlInputSetGradientx.cpp M /issm/trunk-jpl/src/c/modules/ControlInputSetGradientx/ControlInputSetGradientx.h M /issm/trunk-jpl/src/c/modules/CreateJacobianMatrixx/CreateJacobianMatrixx.cpp M /issm/trunk-jpl/src/c/modules/CreateJacobianMatrixx/CreateJacobianMatrixx.h M /issm/trunk-jpl/src/c/modules/CreateNodalConstraintx/CreateNodalConstraintx.cpp M /issm/trunk-jpl/src/c/modules/CreateNodalConstraintx/CreateNodalConstraintx.h M /issm/trunk-jpl/src/c/modules/EnumToStringx/EnumToStringx.cpp M /issm/trunk-jpl/src/c/modules/GetSolutionFromInputx/GetSolutionFromInputx.cpp M /issm/trunk-jpl/src/c/modules/GetSolutionFromInputx/GetSolutionFromInputx.h M /issm/trunk-jpl/src/c/modules/GetVectorFromControlInputx/GetVectorFromControlInputx.cpp M /issm/trunk-jpl/src/c/modules/GetVectorFromControlInputx/GetVectorFromControlInputx.h M /issm/trunk-jpl/src/c/modules/GetVectorFromInputx/GetVectorFromInputx.cpp M /issm/trunk-jpl/src/c/modules/GetVectorFromInputx/GetVectorFromInputx.h M /issm/trunk-jpl/src/c/modules/GradJx/GradJx.cpp M /issm/trunk-jpl/src/c/modules/GradJx/GradJx.h

M /issm/trunk-jpl/src/c/modules/GroundinglineMigrationx/GroundinglineMigrationx.cpp
M /issm/trunk-jpl/src/c/modules/GroundinglineMigrationx/GroundinglineMigrationx.h
M /issm/trunk-jpl/src/c/modules/InputUpdateFromSolutionx/InputUpdateFromSolutionx.cpp
M /issm/trunk-jpl/src/c/modules/InputUpdateFromSolutionx/InputUpdateFromSolutionx.h
M /issm/trunk-jpl/src/c/modules/InputUpdateFromVectorDakotax/InputUpdateFromVectorDakotax.cpp
M /issm/trunk-jpl/src/c/modules/InputUpdateFromVectorDakotax/InputUpdateFromVectorDakotax.h
M /issm/trunk-jpl/src/c/modules/InputUpdateFromVectorx/InputUpdateFromVectorx.cpp
M /issm/trunk-jpl/src/c/modules/InputUpdateFromVectorx/InputUpdateFromVectorx.h
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/Krigingx/Krigingx.cpp M /issm/trunk-jpl/src/c/modules/Krigingx/pKrigin
M /issm/trunk-jpl/src/c/modules/Mergesolutionfromftogx/Mergesolutionfromftogx.cpp
M /issm/trunk-jpl/src/c/modules/Mergesolutionfromftogx/Mergesolutionfromftogx.h
M /issm/trunk-jpl/src/c/modules/ModelProcessorex/ModelProcessorex.h M /issm/trunk-
jpl/src/c/modules/Orthx/Orthx.cpp M /issm/trunk-jpl/src/c/modules/Orthx/Orthx.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/Reduceloadx/Reduceloadx.cpp M /issm/trunk-
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M /issm/trunk-jpl/src/c/modules/Reducevectorgtofx/Reducevectorgtofx.h M /issm/trunk-
jpl/src/c/modules/Reducevectorgtosx/Reducevectorgtosx.cpp M /issm/trunk-
jpl/src/c/modules/Reducevectorgtosx/Reducevectorgtosx.h M /issm/trunk-jpl/src/c/modules/SetControlInpu
M /issm/trunk-jpl/src/c/modules/SetControlInputsFromVectorx/SetControlInputsFromVectorx.h
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
M /issm/trunk-jpl/src/c/modules/SystemMatrixesx/SystemMatrixesx.cpp M /issm/trunk-
jpl/src/c/modules/SystemMatrixesx/SystemMatrixesx.h M /issm/trunk-jpl/src/c/modules/TriMeshx/TriMesh
M /issm/trunk-jpl/src/c/modules/TriMeshx/TriMeshx.h M /issm/trunk-jpl/src/c/modules/UpdateDynamicC
M /issm/trunk-jpl/src/c/modules/UpdateDynamicConstraintsx/UpdateDynamicConstraintsx.h
M /issm/trunk-jpl/src/c/modules/UpdateVertexPositionsx/UpdateVertexPositionsx.cpp
M /issm/trunk-jpl/src/c/modules/VecMergex/VecMergex.cpp M /issm/trunk-
jpl/src/c/modules/VecMergex/VecMergex.h M /issm/trunk-jpl/src/c/shared/Alloc/alloc.cpp
M /issm/trunk-jpl/src/c/shared/Alloc/alloc.h M /issm/trunk-jpl/src/c/shared/Exp/IsInPoly.cpp
M /issm/trunk-jpl/src/c/shared/Exp/exp.h M /issm/trunk-jpl/src/c/shared/Numerics/GaussPoints.cpp
M /issm/trunk-jpl/src/c/solutions/ResetBoundaryConditions.cpp M /issm/trunk-
jpl/src/c/solutions/convergence.cpp M /issm/trunk-jpl/src/c/solutions/core.cpp
M /issm/trunk-jpl/src/c/solutions/solutions.h M /issm/trunk-jpl/src/c/solvers/solver_adjoint_linear.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.n
M /issm/trunk-jpl/src/c/solvers/solver_thermal_nonlinear.cpp M /issm/trunk-

jpl/src/c/toolkits/issm/SeqMat.h M /issm/trunk-jpl/src/c/toolkits/issm/SeqVec.h
M /issm/trunk-jpl/src/c/toolkits/issm/issmtoolkit.h M /issm/trunk-jpl/src/modules/ContourToMesh/ContourToMesh.cpp
M /issm/trunk-jpl/src/modules/ContourToNodes/ContourToNodes.cpp M /issm/trunk-jpl/src/modules/Exp2Kml/Exp2Kml.cpp
M /issm/trunk-jpl/src/modules/InterpFromGridToMesh/InterpFromGridToMesh.cpp M /issm/trunk-jpl/src/modules/InterpFromMesh2d/InterpFromMesh2d.cpp
M /issm/trunk-jpl/src/modules/InterpFromMeshToMesh3d/InterpFromMeshToMesh3d.cpp
M /issm/trunk-jpl/src/modules/KMLFileRead/KMLFileRead.cpp M /issm/trunk-jpl/src/modules/KMLOverlay/KMLOverlay.cpp
M /issm/trunk-jpl/src/modules/PointCloudFindNeighbors/PointCloudFindNeighbors.cpp M /issm/trunk-jpl/src/modules/TriMesh/TriMesh.cpp

Export determination: 6.

Rationale: NEW: large change to the code, to adapt to ADOLC requirements. This change relates to the introduction of template classes and functions for the Option.h abstract class. This is needed, because we want to make the Matlab API independent from the libCore objects, which are dependent on the IssmDouble* ADOLC type (adouble), when the Matlab API is dependent on the IssmPDouble* type (double). To make them independent, we need to be able to specify at run time Options, Matrix and Vector objects that hold either IssmDouble or IssmPDouble objects. The only way to do that is through the use of templated classes for Option.h, Matrix and Vector. The change gets rid of a lot of useless code (especially in the classes/objects/Options directory), by introducing template versions of the same code. The bulk of the changes to src/modules and src/mex modules is to adapt to this new runtime declaration of templated Matrix, Vector and Option objects.

Change #511 with diff file ISSM-13217-13218.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Options/GenericOption.h

Export determination: 6.

Rationale: CHG: cosmetics: no more than ONE blank line please...

Change #512 with diff file ISSM-13218-13219.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: minor style change

Change #513 with diff file ISSM-13219-13220.diff:

Function name:

M /issm/trunk-jpl/m4/issm_options.m4 M /issm/trunk-jpl/src/modules/matlab/Makefile.am
 Export determination: 6.
 Rationale: CHG: shielding krigging and kml modules from compile in adolc

Change #514 with diff file ISSM-13220-13221.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/matrix/Matrix.h
 D /issm/trunk-jpl/src/c/classes/objects/Contour.cpp M /issm/trunk-jpl/src/c/classes/objects/Contour.h
 D /issm/trunk-jpl/src/c/classes/objects/Segment.cpp M /issm/trunk-jpl/src/c/classes/objects/Segment.h
 M /issm/trunk-jpl/src/c/modules/AddExternalResultx/AddExternalResultx.cpp
 M /issm/trunk-jpl/src/c/modules/AddExternalResultx/AddExternalResultx.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/ContourToNodesx/ContourToNodesx.cpp M /issm/trunk-jpl/src/c/modules/ContourToNodesx/ContourToNodesx.h 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
 D /issm/trunk-jpl/src/c/modules/MeshPartitionx/MeshPartitionx.cpp M /issm/trunk-jpl/src/c/modules/MeshPartitionx/MeshPartitionx.h M /issm/trunk-jpl/src/c/modules/MeshProfileIntersectionx/MeshProfileIntersectionx.cpp
 M /issm/trunk-jpl/src/c/modules/MeshProfileIntersectionx/MeshProfileIntersectionx.h
 M /issm/trunk-jpl/src/c/modules/MeshProfileIntersectionx/MeshSegmentsIntersection.cpp
 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/Reducevectorgtosx/Reducevectorgtosx.cpp M /issm/trunk-jpl/src/c/modules/TriMeshx/TriMeshx.cpp M /issm/trunk-jpl/src/c/modules/TriMeshx/TriMeshx.h
 D /issm/trunk-jpl/src/c/shared/Exp/DomainOutlineRead.cpp M /issm/trunk-jpl/src/c/shared/Exp/IsInPoly.cpp M /issm/trunk-jpl/src/c/shared/Exp/exp.h
 M /issm/trunk-jpl/src/modules/ContourToMesh/ContourToMesh.cpp M /issm/trunk-jpl/src/modules/ContourToNodes/ContourToNodes.cpp M /issm/trunk-jpl/src/modules/InterpFromMesh2d/InterpFromMesh2d.cpp
 M /issm/trunk-jpl/src/modules/MeshProfileIntersection/MeshProfileIntersection.cpp
 M /issm/trunk-jpl/src/modules/TriMesh/TriMesh.cpp

Export determination: 6.

Rationale: CHG: adjustments to compile the Matlab and Python modules when ADOLC is on. Had to template MeshPartitionx, because it's used in both modules and the core code. Had to template Contour too, same reason. Had to default to ISSMPDouble type for modules such as InterpFromMesh2d* In-

terpFromGridToMeshx*, etc ..., which only show up in the Matlab modules.

Change #515 with diff file ISSM-13221-13222.diff:

Function name:

M /issm/trunk-jpl/configs/config-macosx64-larour-ad.sh

Export determination: 6.

Rationale: CHG: new configuration to avoid trouble with KML and KRIGING modules in ADOLC mode

Change #516 with diff file ISSM-13222-13223.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: cosmetic

Change #517 with diff file ISSM-13223-13224.diff:

Function name:

A /issm/trunk-jpl/externalpackages/gdal/install-murdo.sh

Export determination: 6.

Rationale: ADD: new murdo configuration

Change #518 with diff file ISSM-13224-13225.diff:

Function name:

M /issm/trunk-jpl/externalpackages/mpich2/install-1.4-linux64.sh

Export determination: 6.

Rationale: CHG: stop install from tripping if F90 or F90FLAGS is defined. Temporarily unset these variables

Change #519 with diff file ISSM-13225-13226.diff:

Function name:

M /issm/trunk-jpl/src/modules/TriMeshProcessRifts/TriMeshProcessRifts.cpp

Export determination: 6.

Rationale: CHG: cosmetics

Change #520 with diff file ISSM-13226-13227.diff:

Function name:

M /issm/trunk-jpl/src/c/python/io/WritePythonData.cpp M /issm/trunk-jpl/src/c/python/io/pythonio.h

Export determination: 6.

Rationale: CHG: fixed compilation as Matrix and Vectors are now templates

Change #521 with diff file ISSM-13227-13228.diff:

Function name:

M /issm/trunk-jpl/src/c/matlab/io/WriteMatlabData.cpp M /issm/trunk-jpl/src/c/matlab/io/matlabio.h

M /issm/trunk-jpl/src/c/modules/TriMeshx/TriMeshx.cpp M /issm/trunk-jpl/src/c/modules/TriMeshx/TriM

Export determination: 6.

Rationale: CHG: make sure we are writing SeqMat and SeqVec for matlab in order to disconnect petsc from modules

Change #522 with diff file ISSM-13228-13229.diff:

Function name:

M /issm/trunk-jpl/src/modules/TriMesh/TriMesh.cpp

Export determination: 6.

Rationale: CHG: make sure we are writing SeqMat and SeqVec for matlab in order to disconnect petsc from modules

Change #523 with diff file ISSM-13229-13230.diff:

Function name:

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

M /issm/trunk-jpl/src/c/modules/ContourToNodesx/ContourToNodesx.h 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/InterpFromGridToMeshx/InterpFromGridToMeshx.h

M /issm/trunk-jpl/src/c/modules/InterpFromGridToMeshx/InterpFromGridToMeshx.h M /issm/trunk-jpl/src/c/modules/InterpFromGridToMeshx/InterpFromGridToMeshx.h

M /issm/trunk-jpl/src/c/modules/InterpFromGridToMeshx/InterpFromGridToMeshx.h M /issm/trunk-jpl/src/c/modules/InterpFromGridToMeshx/InterpFromGridToMeshx.h

M /issm/trunk-jpl/src/c/modules/InterpFromGridToMeshx/InterpFromGridToMeshx.h M /issm/trunk-jpl/src/c/modules/InterpFromGridToMeshx/InterpFromGridToMeshx.h

M /issm/trunk-jpl/src/c/modules/InterpFromGridToMeshx/InterpFromGridToMeshx.h M /issm/trunk-jpl/src/c/modules/InterpFromGridToMeshx/InterpFromGridToMeshx.h

M /issm/trunk-jpl/src/c/modules/InterpFromGridToMeshx/InterpFromGridToMeshx.h M /issm/trunk-jpl/src/c/modules/InterpFromGridToMeshx/InterpFromGridToMeshx.h

M /issm/trunk-jpl/src/c/modules/InterpFromGridToMeshx/InterpFromGridToMeshx.h M /issm/trunk-jpl/src/c/modules/InterpFromGridToMeshx/InterpFromGridToMeshx.h

M /issm/trunk-jpl/src/c/modules/InterpFromGridToMeshx/InterpFromGridToMeshx.h M /issm/trunk-jpl/src/c/modules/InterpFromGridToMeshx/InterpFromGridToMeshx.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/shared/Exp/exp.h D /issm/trunk-jpl/src/c/toolkits/issm/SeqMat.cpp
 D /issm/trunk-jpl/src/c/toolkits/issm/SeqVec.cpp M /issm/trunk-jpl/src/c/toolkits/issm/SeqVec.h
 M /issm/trunk-jpl/src/modules/ContourToMesh/ContourToMesh.cpp M /issm/trunk-jpl/src/modules/ContourToNodes/ContourToNodes.cpp M /issm/trunk-jpl/src/modules/InterpFromGridToM
 M /issm/trunk-jpl/src/modules/InterpFromMesh2d/InterpFromMesh2d.cpp M /issm/trunk-jpl/src/modules/InterpFromMeshToMesh3d/InterpFromMeshToMesh3d.cpp
 M /issm/trunk-jpl/src/modules/PointCloudFindNeighbors/PointCloudFindNeighbors.cpp
 Export determination: 6.
 Rationale: CHG: make sure we are using SeqVec so that we can disconnect PETSc from matlab and python modules

Change #524 with diff file ISSM-13230-13231.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: fixed tao compilation with new template matrix

Change #525 with diff file ISSM-13231-13232.diff:

Function name:

M /issm/trunk-jpl/src/c/matlab/include/matlab_macros.h M /issm/trunk-jpl/src/c/shared/Wrapper/Module

Export determination: 6.

Rationale: CHG: removing PetscInitialize and PetscFinalize from matlab and python modules

Change #526 with diff file ISSM-13232-13233.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: Vector is now a template (tao)

Change #527 with diff file ISSM-13233-13234.diff:

Function name:

M /issm/trunk-jpl/test/Par/79North.par M /issm/trunk-jpl/test/Par/ISMIPE.par
M /issm/trunk-jpl/test/Par/Pig.par M /issm/trunk-jpl/test/Par/SquareSheetConstrained.par
M /issm/trunk-jpl/test/Par/SquareSheetShelf.par M /issm/trunk-jpl/test/Par/SquareShelf.par
M /issm/trunk-jpl/test/Par/SquareShelfConstrained.par
Export determination: 6.
Rationale: CHG: matlab parameter files now use .nc data files

Change #528 with diff file ISSM-13234-13235.diff:

Function name:

M /issm/trunk-jpl/test/Par/Pig.par M /issm/trunk-jpl/test/Par/SquareSheetConstrained.par
M /issm/trunk-jpl/test/Par/SquareSheetShelf.par M /issm/trunk-jpl/test/Par/SquareShelf.par
M /issm/trunk-jpl/test/Par/SquareShelfConstrained.par
Export determination: 6.
Rationale: CHG: minor alignment

Change #529 with diff file ISSM-13235-13236.diff:

Function name:

M /issm/trunk-jpl/src/modules/AverageFilter/AverageFilter.h M /issm/trunk-jpl/src/modules/BamgConvertMesh/BamgConvertMesh.h M /issm/trunk-jpl/src/modules/BamgMesher/BamgMesher.h
M /issm/trunk-jpl/src/modules/BamgTriangulate/BamgTriangulate.h M /issm/trunk-jpl/src/modules/Chaco/Chaco.h M /issm/trunk-jpl/src/modules/ContourToMesh/ContourToMesh.h
M /issm/trunk-jpl/src/modules/ContourToNodes/ContourToNodes.h M /issm/trunk-jpl/src/modules/ElementConnectivity/ElementConnectivity.h M /issm/trunk-jpl/src/modules/Exp2Kml/Exp2Kml.h M /issm/trunk-jpl/src/modules/HoleFiller/HoleFiller.h
M /issm/trunk-jpl/src/modules/InternalFront/InternalFront.h M /issm/trunk-jpl/src/modules/InterpFromGridToMesh/InterpFromGridToMesh.h M /issm/trunk-jpl/src/modules/InterpFromMesh2d/InterpFromMesh2d.h M /issm/trunk-jpl/src/modules/InterpFromMeshToMesh2d/InterpFromMeshToMesh2d.h
M /issm/trunk-jpl/src/modules/InterpFromMeshToMesh3d/InterpFromMeshToMesh3d.h
M /issm/trunk-jpl/src/modules/KMLFileRead/KMLFileRead.h M /issm/trunk-jpl/src/modules/KMLMeshWrite/KMLMeshWrite.h M /issm/trunk-jpl/src/modules/KMLOverlay/KMLOverlay.h
M /issm/trunk-jpl/src/modules/Kml2Exp/Kml2Exp.h M /issm/trunk-jpl/src/modules/Kriging/Kriging.h
M /issm/trunk-jpl/src/modules/Ll2xy/Ll2xy.h M /issm/trunk-jpl/src/modules/MeshPartition/MeshPartition.h
M /issm/trunk-jpl/src/modules/MeshProfileIntersection/MeshProfileIntersection.h
M /issm/trunk-jpl/src/modules/NodeConnectivity/NodeConnectivity.h M /issm/trunk-jpl/src/modules/PointCloudFindNeighbors/PointCloudFindNeighbors.h M /issm/trunk-jpl/src/modules/PropagateFlagsFromConnectivity/PropagateFlagsFromConnectivity.h
M /issm/trunk-jpl/src/modules/Shp2Kml/Shp2Kml.h M /issm/trunk-jpl/src/modules/TriMesh/TriMesh.h
M /issm/trunk-jpl/src/modules/TriaSearch/TriaSearch.h M /issm/trunk-jpl/src/modules/Xy2ll/Xy2ll.h
Export determination: 6.

Rationale: CHG: preparing header files for python inclusion

Change #530 with diff file ISSM-13236-13237.diff:

Function name:

M /issm/trunk-jpl/src/modules/AverageFilter/AverageFilter.cpp M /issm/trunk-jpl/src/modules/AverageFilter/AverageFilter.h M /issm/trunk-jpl/src/modules/BamgConvertMesh/BamgConvertMesh.cpp M /issm/trunk-jpl/src/modules/BamgConvertMesh/BamgConvertMesh.h M /issm/trunk-jpl/src/modules/BamgMesher/BamgMesher.cpp M /issm/trunk-jpl/src/modules/BamgMesher/BamgMesher.h M /issm/trunk-jpl/src/modules/BamgTriangulate/BamgTriangulate.cpp M /issm/trunk-jpl/src/modules/BamgTriangulate/BamgTriangulate.h M /issm/trunk-jpl/src/modules/Chaco/Chaco.cpp M /issm/trunk-jpl/src/modules/Chaco/Chaco.h M /issm/trunk-jpl/src/modules/ContourToMesh/ContourToMesh.cpp M /issm/trunk-jpl/src/modules/ContourToMesh/ContourToMesh.h M /issm/trunk-jpl/src/modules/ContourToNodes/ContourToNodes.cpp M /issm/trunk-jpl/src/modules/ContourToNodes/ContourToNodes.h M /issm/trunk-jpl/src/modules/ElementConnectivity/ElementConnectivity.cpp M /issm/trunk-jpl/src/modules/ElementConnectivity/ElementConnectivity.h M /issm/trunk-jpl/src/modules/EnumToString/EnumToString.cpp M /issm/trunk-jpl/src/modules/EnumToString/EnumToString.h M /issm/trunk-jpl/src/modules/Exp2Kml/Exp2Kml.cpp M /issm/trunk-jpl/src/modules/Exp2Kml/Exp2Kml.h M /issm/trunk-jpl/src/modules/HoleFiller/HoleFiller.cpp M /issm/trunk-jpl/src/modules/HoleFiller/HoleFiller.h M /issm/trunk-jpl/src/modules/InternalFront/InternalFront.cpp M /issm/trunk-jpl/src/modules/InternalFront/InternalFront.h M /issm/trunk-jpl/src/modules/InterpFromGridToMesh/InterpFromGridToMesh.cpp M /issm/trunk-jpl/src/modules/InterpFromGridToMesh/InterpFromGridToMesh.h M /issm/trunk-jpl/src/modules/InterpFromMesh2d/InterpFromMesh2d.cpp M /issm/trunk-jpl/src/modules/InterpFromMesh2d/InterpFromMesh2d.h M /issm/trunk-jpl/src/modules/InterpFromMeshToGrid/InterpFromMeshToGrid.cpp M /issm/trunk-jpl/src/modules/InterpFromMeshToGrid/InterpFromMeshToGrid.h M /issm/trunk-jpl/src/modules/InterpFromMeshToMesh2d/InterpFromMeshToMesh2d.cpp M /issm/trunk-jpl/src/modules/InterpFromMeshToMesh2d/InterpFromMeshToMesh2d.h M /issm/trunk-jpl/src/modules/InterpFromMeshToMesh3d/InterpFromMeshToMesh3d.cpp M /issm/trunk-jpl/src/modules/InterpFromMeshToMesh3d/InterpFromMeshToMesh3d.h M /issm/trunk-jpl/src/modules/KMLFileRead/KMLFileRead.cpp M /issm/trunk-jpl/src/modules/KMLFileRead/KMLFileRead.h M /issm/trunk-jpl/src/modules/KMLMeshWrite/KMLMeshWrite.cpp M /issm/trunk-jpl/src/modules/KMLMeshWrite/KMLMeshWrite.h M /issm/trunk-jpl/src/modules/KMLOverlay/KMLOverlay.cpp M /issm/trunk-jpl/src/modules/KMLOverlay/KMLOverlay.h M /issm/trunk-jpl/src/modules/Kml2Exp/Kml2Exp.cpp M /issm/trunk-jpl/src/modules/Kml2Exp/Kml2Exp.h M /issm/trunk-jpl/src/modules/Kriging/Kriging.cpp M /issm/trunk-jpl/src/modules/Kriging/Kriging.h M /issm/trunk-jpl/src/modules/Ll2xy/Ll2xy.cpp M /issm/trunk-jpl/src/modules/Ll2xy/Ll2xy.h M /issm/trunk-jpl/src/modules/MeshPartition/MeshPartition.cpp M /issm/trunk-jpl/src/modules/MeshPartition/MeshPartition.h M /issm/trunk-jpl/src/modules/MeshProfileIntersection/MeshProfileIntersection.cpp M /issm/trunk-jpl/src/modules/MeshProfileIntersection/MeshProfileIntersection.h M /issm/trunk-jpl/src/modules/NodeConnectivity/NodeConnectivity.cpp M /issm/trunk-jpl/src/modules/NodeConnectivity/NodeConnectivity.h M /issm/trunk-jpl/src/modules/PointCloudFindNeighbors/PointCloudFindNeighbors.cpp M /issm/trunk-jpl/src/modules/PointCloudFindNeighbors/PointCloudFindNeighbors.h M /issm/trunk-jpl/src/modules/PropagateFlagsFromConnectivity/PropagateFlagsFromConnectivity.cpp

M /issm/trunk-jpl/src/modules/PropagateFlagsFromConnectivity/PropagateFlagsFromConnectivity.h
 M /issm/trunk-jpl/src/modules/Scotch/Scotch.cpp M /issm/trunk-jpl/src/modules/Scotch/Scotch.h
 M /issm/trunk-jpl/src/modules/Shp2Kml/Shp2Kml.cpp M /issm/trunk-jpl/src/modules/Shp2Kml/Shp2Kml.h
 M /issm/trunk-jpl/src/modules/StringToEnum/StringToEnum.cpp M /issm/trunk-jpl/src/modules/StringToEnum/StringToEnum.h M /issm/trunk-jpl/src/modules/TriMesh/TriMesh.cpp
 M /issm/trunk-jpl/src/modules/TriMesh/TriMesh.h M /issm/trunk-jpl/src/modules/TriMeshProcessRifts/TriMeshProcessRifts.h M /issm/trunk-jpl/src/modules/TriMeshProcessRifts/TriMeshProcessRifts.cpp
 M /issm/trunk-jpl/src/modules/TriaSearch/TriaSearch.cpp M /issm/trunk-jpl/src/modules/TriaSearch/TriaSearch.h
 M /issm/trunk-jpl/src/modules/Xy2ll/Xy2ll.cpp M /issm/trunk-jpl/src/modules/Xy2ll/Xy2ll.h
 Export determination: 6.
 Rationale: CHG: preparing files for python inclusion

Change #531 with diff file ISSM-13237-13238.diff:

Function name:

D /issm/trunk-jpl/src/c/EnumDefinitions/EnumToModelField.cpp

Export determination: 6.

Rationale: not needed anymore

Change #532 with diff file ISSM-13238-13239.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Changed python par file to use nc data file.

Change #533 with diff file ISSM-13239-13240.diff:

Function name:

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

A /issm/trunk-jpl/src/m/classes/oldclasses/README A /issm/trunk-jpl/src/m/classes/oldclasses/materials.m

Export determination: 6.

Rationale: BUG: allow md.materials to be loaded even for old models

Change #534 with diff file ISSM-13240-13241.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added constructor to materials, so that it can load old structures

Change #535 with diff file ISSM-13241-13242.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: getting rid of EnumToModelField, which has not been working for almost a year

Change #536 with diff file ISSM-13242-13243.diff:

Function name:

M /issm/trunk-jpl/src/c/matlab/io/WriteMatlabData.cpp M /issm/trunk-jpl/src/c/matlab/io/matlabio.h

M /issm/trunk-jpl/src/c/python/io/WritePythonData.cpp M /issm/trunk-jpl/src/c/python/io/pythonio.h

Export determination: 6.

Rationale: NEW: added support for writing BamgMesh and BamgGeom (to be completed)

Change #537 with diff file ISSM-13243-13244.diff:

Function name:

M /issm/trunk-jpl/src/modules/BamgConvertMesh/BamgConvertMesh.cpp M

/issm/trunk-jpl/src/modules/BamgConvertMesh/BamgConvertMesh.h M /issm/trunk-

jpl/src/modules/BamgMesher/BamgMesher.cpp M /issm/trunk-jpl/src/modules/matlab/Makefile.am

M /issm/trunk-jpl/src/modules/python/Makefile.am

Export determination: 6.

Rationale: NEW: compiling BamgConvertMesh in python

Change #538 with diff file ISSM-13244-13245.diff:

Function name:

M /issm/trunk-jpl/src/m/parameterization/setflowequation.py

Export determination: 6.

Rationale: BUG: Boolean must be converted to integer before adding in Python.

Change #539 with diff file ISSM-13245-13246.diff:

Function name:

A /issm/trunk-jpl/test/NightlyRun/test104.py

Export determination: 6.

Rationale: NEW: Added working test104.py.

Change #540 with diff file ISSM-13246-13247.diff:

Function name:

M /issm/trunk-jpl/externalpackages/adic/install.sh M /issm/trunk-jpl/externalpackages/adolc/install-dev.sh M /issm/trunk-jpl/externalpackages/adolc/install.sh M /issm/trunk-jpl/externalpackages/android/ndk/install.sh M /issm/trunk-jpl/externalpackages/android/android-sdk/install.sh
M /issm/trunk-jpl/externalpackages/angel/install.sh M /issm/trunk-jpl/externalpackages/appscan/install.sh
M /issm/trunk-jpl/externalpackages/apr/install.sh M /issm/trunk-jpl/externalpackages/apr-util/install.sh M /issm/trunk-jpl/externalpackages/aspell/install.sh M /issm/trunk-jpl/externalpackages/bbftp/install.sh M /issm/trunk-jpl/externalpackages/blas/install-linux64.sh M /issm/trunk-jpl/externalpackages/boost/install.sh M /issm/trunk-jpl/externalpackages/bsdtar/install-win7.sh M /issm/trunk-jpl/externalpackages/cccl/install-win7.orig.sh M /issm/trunk-jpl/externalpackages/cccl/install-win7.sh M /issm/trunk-jpl/externalpackages/chaco/install.sh M /issm/trunk-jpl/externalpackages/cmake/install.sh
M /issm/trunk-jpl/externalpackages/colpack/install.sh M /issm/trunk-jpl/externalpackages/cppcheck/install.sh
M /issm/trunk-jpl/externalpackages/dace/install.sh M /issm/trunk-jpl/externalpackages/dakota/install-altix64-cosmos.sh M /issm/trunk-jpl/externalpackages/dakota/install-discover.sh
M /issm/trunk-jpl/externalpackages/dakota/install-linux64-astrid.sh M /issm/trunk-jpl/externalpackages/dakota/install-linux64-murdo.sh M /issm/trunk-jpl/externalpackages/dakota/install-macosx64.sh M /issm/trunk-jpl/externalpackages/dakota/install-pleiades.sh M /issm/trunk-jpl/externalpackages/distribute/install.sh M /issm/trunk-jpl/externalpackages/doxygen/install.sh
M /issm/trunk-jpl/externalpackages/esmf/install.sh M /issm/trunk-jpl/externalpackages/findbugs/install.sh
M /issm/trunk-jpl/externalpackages/flaim/install.sh M /issm/trunk-jpl/externalpackages/freetype/install.sh
M /issm/trunk-jpl/externalpackages/gdal/install-murdo.sh M /issm/trunk-jpl/externalpackages/gdal/install.sh
M /issm/trunk-jpl/externalpackages/gdaltokmz/install.sh M /issm/trunk-jpl/externalpackages/geos5/install.sh
M /issm/trunk-jpl/externalpackages/git/install.sh M /issm/trunk-jpl/externalpackages/gmake/install.sh
M /issm/trunk-jpl/externalpackages/googleearthtoolbox/install.sh M /issm/trunk-jpl/externalpackages/graphviz/install.sh M /issm/trunk-jpl/externalpackages/gsl/install-android.sh M /issm/trunk-jpl/externalpackages/gsl/install-linux64.sh M /issm/trunk-jpl/externalpackages/gsl/install-macosx64.sh M /issm/trunk-jpl/externalpackages/gsl/install-pleiades.sh M /issm/trunk-jpl/externalpackages/gslib/install.sh M /issm/trunk-jpl/externalpackages/h5py/install.sh M /issm/trunk-jpl/externalpackages/hdf5/install.sh
M /issm/trunk-jpl/externalpackages/ipython/install.sh M /issm/trunk-jpl/externalpackages/kml/install.sh
M /issm/trunk-jpl/externalpackages/lapack/install-linux64.sh M /issm/trunk-jpl/externalpackages/latex2rtf/install.sh M /issm/trunk-jpl/externalpackages/libermate/install.sh
M /issm/trunk-jpl/externalpackages/libpng/install.sh M /issm/trunk-jpl/externalpackages/m2html/install.sh
M /issm/trunk-jpl/externalpackages/matlab/install.sh M /issm/trunk-jpl/externalpackages/matplotlib/install-osx.sh M /issm/trunk-jpl/externalpackages/matplotlib/install.sh M /issm/trunk-

jpl/externalpackages/mercurial/install.sh M /issm/trunk-jpl/externalpackages/metis/install-4.0-altix64.sh M /issm/trunk-jpl/externalpackages/metis/install-4.0-cosmos.sh M /issm/trunk-jpl/externalpackages/metis/install-4.0-discover.sh M /issm/trunk-jpl/externalpackages/metis/install-4.0-greenplanet.sh M /issm/trunk-jpl/externalpackages/metis/install-4.0-linux64.sh M /issm/trunk-jpl/externalpackages/metis/install-4.0-macosx32.sh M /issm/trunk-jpl/externalpackages/metis/install-4.0-macosx64.sh M /issm/trunk-jpl/externalpackages/metis/install-4.0-pleiades.sh M /issm/trunk-jpl/externalpackages/metis/install-4.0-win32.sh M /issm/trunk-jpl/externalpackages/metis/install-4.0-win7.sh M /issm/trunk-jpl/externalpackages/metis/install-5.0.1-linux64.sh M /issm/trunk-jpl/externalpackages/mitgcm/install.sh M /issm/trunk-jpl/externalpackages/modelE/install.sh M /issm/trunk-jpl/externalpackages/modules/install-macosx64.sh M /issm/trunk-jpl/externalpackages/modules/install.sh M /issm/trunk-jpl/externalpackages/mpich2/install-1.0.2-altix64.sh M /issm/trunk-jpl/externalpackages/mpich2/install-1.0.2-linux64.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 M /issm/trunk-jpl/externalpackages/mpich2/install-1.3.1-linux64-berg.sh M /issm/trunk-jpl/externalpackages/mpich2/install-1.4-linux64.sh M /issm/trunk-jpl/externalpackages/mpich2/install-1.4-macosx32.sh M /issm/trunk-jpl/externalpackages/mpich2/install-1.4-macosx64.sh M /issm/trunk-jpl/externalpackages/ncview/install.sh M /issm/trunk-jpl/externalpackages/netcdf/install-4.0.sh M /issm/trunk-jpl/externalpackages/netcdf/install-4.2.sh M /issm/trunk-jpl/externalpackages/netcdf-python/install.sh M /issm/trunk-jpl/externalpackages/nose/install-linux64.sh M /issm/trunk-jpl/externalpackages/octave/install.sh M /issm/trunk-jpl/externalpackages/oofem/install.sh M /issm/trunk-jpl/externalpackages/openanalysis/install.sh M /issm/trunk-jpl/externalpackages/packagemaker/install.sh M /issm/trunk-jpl/externalpackages/pcre/install.sh M /issm/trunk-jpl/externalpackages/petsc/install-2.3.2-altix64-castor.sh M /issm/trunk-jpl/externalpackages/petsc/install-2.3.2-cosmos.sh 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-2.3.2-pleiades.sh M /issm/trunk-jpl/externalpackages/petsc/install-2.3.2-win32-eric.sh M /issm/trunk-jpl/externalpackages/petsc/install-2.3.2-win7.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.1-altix64-castor.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.1-cosmos.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-pleiades.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-discover.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.2-greenplanet.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.2-linux64-python.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.2-macosx64.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.2-pleiades.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.3-linux64.sh M /issm/trunk-jpl/externalpackages/petsc/install-dev-linux64.sh M /issm/trunk-jpl/externalpackages/petsc/install-dev-pleiades.sh M /issm/trunk-jpl/externalpackages/polygonclipper/install.sh M /issm/trunk-jpl/externalpackages/pyclips/install.sh M /issm/trunk-jpl/externalpackages/pysvn/install.sh

M /issm/trunk-jpl/externalpackages/python/install-2.7.2-linux64.sh M /issm/trunk-jpl/externalpackages/python/install-2.7.2-macosx-lion.sh M /issm/trunk-jpl/externalpackages/python/install-2.7.2-macosx-snowleopard.sh M /issm/trunk-jpl/externalpackages/python/install-3.2.2-linux64.sh M /issm/trunk-jpl/externalpackages/python/install-3.2.2-macosx-lion.sh M /issm/trunk-jpl/externalpackages/python/install-3.2.2-macosx-snowleopard.sh
M /issm/trunk-jpl/externalpackages/qhull/install.sh M /issm/trunk-jpl/externalpackages/rats/install.sh
M /issm/trunk-jpl/externalpackages/readline/install.sh M /issm/trunk-jpl/externalpackages/rose/install.sh
M /issm/trunk-jpl/externalpackages/satstress/install.sh M /issm/trunk-jpl/externalpackages/scipy/install-macosx-lion.sh M /issm/trunk-jpl/externalpackages/scipy/install-macosx-snowleopard.sh
M /issm/trunk-jpl/externalpackages/scotch/install.sh M /issm/trunk-jpl/externalpackages/shapelib/install.sh
M /issm/trunk-jpl/externalpackages/slepc/install.sh M /issm/trunk-jpl/externalpackages/sqlite/install.sh
M /issm/trunk-jpl/externalpackages/svn/install.sh M /issm/trunk-jpl/externalpackages/swig/install.sh
M /issm/trunk-jpl/externalpackages/tao/install-2.0.sh M /issm/trunk-jpl/externalpackages/tao/install-2.1.sh M /issm/trunk-jpl/externalpackages/tcl/install.sh M /issm/trunk-jpl/externalpackages/tclx/install.sh
M /issm/trunk-jpl/externalpackages/tex2im/install.sh M /issm/trunk-jpl/externalpackages/tk/install.sh
M /issm/trunk-jpl/externalpackages/triangle/install-altix64.sh M /issm/trunk-jpl/externalpackages/triangle/install-android.sh M /issm/trunk-jpl/externalpackages/triangle/install-discover.sh M /issm/trunk-jpl/externalpackages/triangle/install-linux64.sh M /issm/trunk-jpl/externalpackages/triangle/install-macosx32.sh M /issm/trunk-jpl/externalpackages/triangle/install-macosx64.sh M /issm/trunk-jpl/externalpackages/triangle/install-pleiades.sh M /issm/trunk-jpl/externalpackages/triangle/install-win32.sh M /issm/trunk-jpl/externalpackages/triangle/install-win7.sh M /issm/trunk-jpl/externalpackages/valgrind/install-altix64.sh M /issm/trunk-jpl/externalpackages/valgrind/install-linux64.sh M /issm/trunk-jpl/externalpackages/valgrind/install-macosx32.sh M /issm/trunk-jpl/externalpackages/valgrind/install-macosx64.sh M /issm/trunk-jpl/externalpackages/valgrind/install-win32.sh M /issm/trunk-jpl/externalpackages/vim/install.sh M /issm/trunk-jpl/externalpackages/windows/install.sh
M /issm/trunk-jpl/externalpackages/xaifbooster/install.sh M /issm/trunk-jpl/externalpackages/xerces/install.sh
M /issm/trunk-jpl/externalpackages/yams/install.sh
Export determination: 6.
Rationale: CHG: added set -eu in all installation files to stop if an error occurs

Change #541 with diff file ISSM-13247-13248.diff:

Function name:

M /issm/trunk-jpl/externalpackages/matlab/install.sh M /issm/trunk-jpl/externalpackages/triangle/install-pleiades.sh

Export determination: 6.

Rationale: BUG: minor fixed small mistakes introduced

Change #542 with diff file ISSM-13248-13249.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Alloc/alloc.cpp M /issm/trunk-jpl/src/c/shared/Alloc/alloc.h
M /issm/trunk-jpl/src/c/shared/Alloc/xNewDelete.h M /issm/trunk-jpl/src/c/shared/TriMesh/SplitMeshFor
M /issm/trunk-jpl/src/c/shared/TriMesh/TriMeshUtils.cpp
Export determination: 6.
Rationale: CHG: getting rid of xmalloc xcalloc and xrealloc. Use xNew xNewInit
and xReNew

Change #543 with diff file ISSM-13249-13250.diff:

Function name:

M /issm/trunk-jpl/externalpackages/adic/install.sh M /issm/trunk-jpl/externalpackages/adolc/install.sh
M /issm/trunk-jpl/externalpackages/apr/install.sh M /issm/trunk-jpl/externalpackages/apr-
util/install.sh M /issm/trunk-jpl/externalpackages/chaco/install.sh M /issm/trunk-
jpl/externalpackages/cmake/install.sh M /issm/trunk-jpl/externalpackages/colpack/install.sh
M /issm/trunk-jpl/externalpackages/cppcheck/install.sh M /issm/trunk-jpl/externalpackages/dakota/install-
altix64-cosmos.sh M /issm/trunk-jpl/externalpackages/dakota/install-discover.sh
M /issm/trunk-jpl/externalpackages/dakota/install-linux64-astrid.sh M /issm/trunk-
jpl/externalpackages/dakota/install-linux64-murdo.sh M /issm/trunk-jpl/externalpackages/dakota/install-
macosx64.sh M /issm/trunk-jpl/externalpackages/dakota/install-pleiades.sh M
/issm/trunk-jpl/externalpackages/doxygen/install.sh M /issm/trunk-jpl/externalpackages/esmf/install.sh
M /issm/trunk-jpl/externalpackages/freetype/install.sh M /issm/trunk-jpl/externalpackages/gdal/install-
murdo.sh M /issm/trunk-jpl/externalpackages/gdal/install.sh M /issm/trunk-
jpl/externalpackages/gmake/install.sh M /issm/trunk-jpl/externalpackages/graphviz/install.sh
M /issm/trunk-jpl/externalpackages/gsl/install-android.sh M /issm/trunk-jpl/externalpackages/gsl/install-
linux64.sh M /issm/trunk-jpl/externalpackages/gsl/install-macosx64.sh M /issm/trunk-
jpl/externalpackages/gsl/install-pleiades.sh M /issm/trunk-jpl/externalpackages/hdf5/install.sh
M /issm/trunk-jpl/externalpackages/lapack/install-linux64.sh M /issm/trunk-
jpl/externalpackages/libpng/install.sh M /issm/trunk-jpl/externalpackages/modules/install-
macosx64.sh M /issm/trunk-jpl/externalpackages/mpich2/install-1.0.2-altix64.sh
M /issm/trunk-jpl/externalpackages/mpich2/install-1.0.2-linux64.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 M /issm/trunk-jpl/externalpackages/mpich2/install-1.3.1-linux64-
berg.sh M /issm/trunk-jpl/externalpackages/mpich2/install-1.4-linux64.sh M /issm/trunk-
jpl/externalpackages/mpich2/install-1.4-macosx32.sh M /issm/trunk-jpl/externalpackages/mpich2/install-
1.4-macosx64.sh M /issm/trunk-jpl/externalpackages/netcdf/install-4.0.sh M /issm/trunk-
jpl/externalpackages/netcdf/install-4.2.sh M /issm/trunk-jpl/externalpackages/octave/install.sh
M /issm/trunk-jpl/externalpackages/oofem/install.sh M /issm/trunk-jpl/externalpackages/python/install-
2.7.2-linux64.sh M /issm/trunk-jpl/externalpackages/python/install-2.7.2-macosx-
lion.sh M /issm/trunk-jpl/externalpackages/python/install-2.7.2-macosx-snowleopard.sh
M /issm/trunk-jpl/externalpackages/python/install-3.2.2-linux64.sh M /issm/trunk-
jpl/externalpackages/python/install-3.2.2-macosx-lion.sh M /issm/trunk-jpl/externalpackages/python/install-
3.2.2-macosx-snowleopard.sh M /issm/trunk-jpl/externalpackages/rose/install.sh
M /issm/trunk-jpl/externalpackages/shapelib/install.sh M /issm/trunk-jpl/externalpackages/slepc/install.sh
M /issm/trunk-jpl/externalpackages/sqlite/install.sh M /issm/trunk-jpl/externalpackages/svn/install.sh

M /issm/trunk-jpl/externalpackages/swig/install.sh M /issm/trunk-jpl/externalpackages/tcl/install.sh
M /issm/trunk-jpl/externalpackages/tclx/install.sh M /issm/trunk-jpl/externalpackages/tk/install.sh
Export determination: 6.
Rationale: BUG: fixed installation scripts when checking for number of inputs

Change #544 with diff file ISSM-13250-13251.diff:

Function name:

M /issm/trunk-jpl/src/modules/Chaco/Chaco.cpp M /issm/trunk-jpl/src/modules/Exp2Kml/Exp2Kml.cpp
M /issm/trunk-jpl/src/modules/InternalFront/InternalFront.cpp M /issm/trunk-jpl/src/modules/KMLFileRead/KMLFileRead.cpp M /issm/trunk-jpl/src/modules/KMLMeshWrite/KMLMeshWrite.cpp
M /issm/trunk-jpl/src/modules/KMLOverlay/KMLOverlay.cpp M /issm/trunk-jpl/src/modules/Kml2Exp/Kml2Exp.cpp M /issm/trunk-jpl/src/modules/Kriging/Kriging.cpp
M /issm/trunk-jpl/src/modules/PropagateFlagsFromConnectivity/PropagateFlagsFromConnectivity.cpp
M /issm/trunk-jpl/src/modules/Shp2Kml/Shp2Kml.cpp
Export determination: 6.
Rationale: CHG: getting rid of xfree

Change #545 with diff file ISSM-13251-13252.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Alloc/alloc.cpp M /issm/trunk-jpl/src/c/shared/Alloc/alloc.h
Export determination: 6.
Rationale: CHG: getting rid of xfree

Change #546 with diff file ISSM-13252-13253.diff:

Function name:

M /issm/trunk-jpl/externalpackages/python/install-2.7.2-macosx-snowleopard.sh
Export determination: 6.
Rationale: BUG: fixed python patch for 2.7 snowleopard

Change #547 with diff file ISSM-13253-13254.diff:

Function name:

A /issm/trunk-jpl/externalpackages/blas/configs/macosx64 (from /issm/trunk-jpl/externalpackages/blas/configs/linux64:13241) A /issm/trunk-jpl/externalpackages/blas/install-macosx64.sh
Export determination: 6.

Rationale: NEW: added macosx installation for blas

Change #548 with diff file ISSM-13254-13255.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: need to loop through num fields

Change #549 with diff file ISSM-13255-13256.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/bamg/Geometry.cpp M /issm/trunk-jpl/src/c/modules/Bamgx/Bamgx.cpp

Export determination: 6.

Rationale: CHG: ADOLC not needed in these files.

Change #550 with diff file ISSM-13256-13257.diff:

Function name:

M /issm/trunk-jpl/configs/config-linux64-ad.sh M /issm/trunk-jpl/configs/config-linux64-astrid-ad.sh M /issm/trunk-jpl/lib M /issm/trunk-jpl/src/modules/matlab/Makefile.am

Export determination: 6.

Rationale: CHG: missing Adolc libraries in matlab modules. Homogeneized configuration files for ad. In lib: get svn to ignore some files.

Change #551 with diff file ISSM-13257-13258.diff:

Function name:

M /issm/trunk-jpl/externalpackages/adolc

Export determination: 6.

Rationale: CHG: get svn to ignore some files.

Change #552 with diff file ISSM-13258-13259.diff:

Function name:

A /issm/trunk-jpl/test/Archives/Archive3001.nc A /issm/trunk-jpl/test/Archives/Archive3002.nc

A /issm/trunk-jpl/test/Archives/Archive3003.nc A /issm/trunk-jpl/test/Archives/Archive3004.nc

A /issm/trunk-jpl/test/Archives/Archive3005.nc A /issm/trunk-jpl/test/Archives/Archive3006.nc

A /issm/trunk-jpl/test/Archives/Archive3007.nc A /issm/trunk-jpl/test/Archives/Archive3008.nc
 A /issm/trunk-jpl/test/Archives/Archive3009.nc A /issm/trunk-jpl/test/Archives/Archive3010.nc
 M /issm/trunk-jpl/test/NightlyRun/IdToName.m M /issm/trunk-jpl/test/NightlyRun/IdToName.py
 M /issm/trunk-jpl/test/NightlyRun/runme.m M /issm/trunk-jpl/test/NightlyRun/test3001.m
 A /issm/trunk-jpl/test/NightlyRun/test3002.m A /issm/trunk-jpl/test/NightlyRun/test3003.m
 A /issm/trunk-jpl/test/NightlyRun/test3004.m A /issm/trunk-jpl/test/NightlyRun/test3005.m
 A /issm/trunk-jpl/test/NightlyRun/test3006.m A /issm/trunk-jpl/test/NightlyRun/test3007.m
 A /issm/trunk-jpl/test/NightlyRun/test3008.m A /issm/trunk-jpl/test/NightlyRun/test3009.m
 A /issm/trunk-jpl/test/NightlyRun/test3010.m
 Export determination: 6.
 Rationale: Added test3000 to test3010, for adolc benchmark + archives + mod
 to runme.m

Change #553 with diff file ISSM-13259-13260.diff:

Function name:
 M /issm/trunk-jpl/scripts/report.sh
 Export determination: 6.
 Rationale: CHG: typo in html report (i/span)

Change #554 with diff file ISSM-13260-13261.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-linux64.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
 M /issm/trunk-jpl/externalpackages/mpich2/install-1.3.1-linux64-berg.sh M /issm/trunk-jpl/externalpackages/mpich2/install-1.4-linux64.sh M /issm/trunk-jpl/externalpackages/mpich2/install-1.4-macosx32.sh M /issm/trunk-jpl/externalpackages/mpich2/install-1.4-macosx64.sh
 Export determination: 6.
 Rationale: CHG: removed set -eu in mpich2

Change #555 with diff file ISSM-13261-13262.diff:

Function name:
 M /issm/trunk-jpl/src/c/Container/Observations.cpp M /issm/trunk-jpl/src/c/modules/Solverx/Solverx.h
 M /issm/trunk-jpl/src/c/modules/Solverx/SolverxSeq.cpp
 Export determination: 6.
 Rationale: BUG: fixed Kriging with new solver prototype

Change #556 with diff file ISSM-13262-13263.diff:

Function name:

A /issm/trunk-jpl/externalpackages/lapack/configs/macosx64 A /issm/trunk-jpl/externalpackages/lapack/configs/macosx64/make.inc A /issm/trunk-jpl/externalpackages/lapack/install-macosx64.sh

Export determination: 6.

Rationale: NEW: added macosx64 installation for lapack

Change #557 with diff file ISSM-13263-13264.diff:

Function name:

A /issm/trunk-jpl/externalpackages/nose/install-linux64-python2.sh (from /issm/trunk-jpl/externalpackages/nose/install-linux64.sh:13262) A /issm/trunk-jpl/externalpackages/nose/install-linux64-python3.sh D /issm/trunk-jpl/externalpackages/nose/install-linux64.sh

A /issm/trunk-jpl/externalpackages/nose/install-macosx64-python2.sh A /issm/trunk-jpl/externalpackages/nose/install-macosx64-python3.sh (from /issm/trunk-jpl/externalpackages/nose/install-macosx64sh:13262) D /issm/trunk-jpl/externalpackages/nose/install-macosx64sh

Export determination: 6.

Rationale: CHG: cleaned nose installation

Change #558 with diff file ISSM-13264-13265.diff:

Function name:

A /issm/trunk-jpl/externalpackages/numpy (from /issm/trunk-jpl/externalpackages/scipy:13241)

M /issm/trunk-jpl/externalpackages/numpy/install-linux64.sh R /issm/trunk-jpl/externalpackages/numpy/install-macosx-lion.sh (from /issm/trunk-jpl/externalpackages/scipy/install-macosx-lion.sh:13246) R /issm/trunk-jpl/externalpackages/numpy/install-macosx-snowleopard.sh (from /issm/trunk-jpl/externalpackages/scipy/install-macosx-snowleopard.sh:13246)

M /issm/trunk-jpl/externalpackages/scipy/install-linux64.sh M /issm/trunk-jpl/externalpackages/scipy/install-macosx-lion.sh M /issm/trunk-jpl/externalpackages/scipy/install-macosx-snowleopard.sh

Export determination: 6.

Rationale: CHG: created numpy package separated from scipy

Change #559 with diff file ISSM-13265-13266.diff:

Function name:

D /issm/trunk-jpl/test/Data/79North.data D /issm/trunk-jpl/test/Data/ISMIPE.data

D /issm/trunk-jpl/test/Data/Pig.data D /issm/trunk-jpl/test/Data/SquareSheetConstrained.data

D /issm/trunk-jpl/test/Data/SquareSheetShelf.data D /issm/trunk-jpl/test/Data/SquareShelf.data

D /issm/trunk-jpl/test/Data/SquareShelfConstrained.data

Export determination: 6.

Rationale: CHG: now use .nc data in Nightly runs

Change #560 with diff file ISSM-13266-13267.diff:

Function name:

M /issm/trunk-jpl/externalpackages/numpy/install-macosx-snowleopard.sh

Export determination: 6.

Rationale: CHG: minor mac installation of python

Change #561 with diff file ISSM-13267-13268.diff:

Function name:

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

M /issm/trunk-jpl/src/c/classes/objects/Options/Option.h M /issm/trunk-jpl/src/c/matlab/io/OptionParse.c

M /issm/trunk-jpl/src/c/matlab/io/matlabio.h M /issm/trunk-jpl/src/c/solutions/kriging.cpp

Export determination: 6.

Rationale: NEW: enable Double option (not merged with DoubleArray options)

Change #562 with diff file ISSM-13268-13269.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/IoModel.cpp M /issm/trunk-

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

A /issm/trunk-jpl/src/c/modules/ModelProcessorx/Autodiff A /issm/trunk-jpl/src/c/modules/ModelProcess

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

M /issm/trunk-jpl/src/m/classes/autodiff.m A /issm/trunk-jpl/src/m/enum/AutodiffDependentsEnum.m

A /issm/trunk-jpl/src/m/enum/AutodiffIndependentsEnum.m A /issm/trunk-

jpl/src/m/enum/AutodiffNumDependentsEnum.m A /issm/trunk-jpl/src/m/enum/AutodiffNumIndependents

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

Export determination: 6.

Rationale: CHG: introducing the autodiff matlab API.

Change #563 with diff file ISSM-13269-13270.diff:

Function name:

M /issm/trunk-jpl/src/c/python/io/WritePythonData.cpp

Export determination: 6.
Rationale: NEW: Added python WriteData for bamg objects.

Change #564 with diff file ISSM-13270-13271.diff:

Function name:

A /issm/trunk-jpl/src/m/classes/bamggeom.py A /issm/trunk-jpl/src/m/classes/bamgmesh.py

A /issm/trunk-jpl/src/m/mesh/meshconvert.py

Export determination: 6.

Rationale: NEW: Added python bamggeom and bamgmesh classes and added python meshconvert function.

Change #565 with diff file ISSM-13271-13272.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: do not marshal autodiff if not required

Change #566 with diff file ISSM-13272-13273.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: Added NR name to report.sh

Change #567 with diff file ISSM-13273-13274.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: removed == around NR title

Change #568 with diff file ISSM-13274-13275.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: notes on how to get PETSc's libraries

Change #569 with diff file ISSM-13275-13276.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: now use isprop instead of isfield

Change #570 with diff file ISSM-13276-13277.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/Responsex/Responsex.cpp M /issm/trunk-jpl/src/c/modules/Responsex/Responsex.h

Export determination: 6.

Rationale: CHG: overloaded function prototype to access either string or enum as response descriptor

Change #571 with diff file ISSM-13277-13278.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/modules/ModelProcessorx/CreateDataSets.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateParameters.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/solutions/ProcessArgument

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

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

Export determination: 6.

Rationale: CHG: Expect directory argument in issm execution to be full path to bin file, pass rootpath to dakota

Change #572 with diff file ISSM-13278-13279.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/acenet.m M /issm/trunk-jpl/src/m/classes/clusters/castor.m

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

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

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

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

Export determination: 6.

Rationale: CHG: Clusters pass directory argument in issm execution to be full path to bin file.

Change #573 with diff file ISSM-13279-13280.diff:

Function name:

M /issm/trunk-jpl/src/m/mesh/meshconvert.py A /issm/trunk-jpl/test/NightlyRun/test106.py

Export determination: 6.

Rationale: FIX: Python needs to explicitly copy vectors from BamgConvertMesh for InterpFromMeshToMesh2d.

Change #574 with diff file ISSM-13280-13281.diff:

Function name:

A /issm/trunk-jpl/test/NightlyRun/test111.py A /issm/trunk-jpl/test/NightlyRun/test112.py

A /issm/trunk-jpl/test/NightlyRun/test113.py A /issm/trunk-jpl/test/NightlyRun/test114.py

A /issm/trunk-jpl/test/NightlyRun/test115.py A /issm/trunk-jpl/test/NightlyRun/test116.py

A /issm/trunk-jpl/test/NightlyRun/test117.py A /issm/trunk-jpl/test/NightlyRun/test118.py

A /issm/trunk-jpl/test/NightlyRun/test120.py

Export determination: 6.

Rationale: NEW: Nine more working python tests!

Change #575 with diff file ISSM-13281-13282.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Python: cluster pass directory argument in issm execution to be full path to bin file.

Change #576 with diff file ISSM-13282-13283.diff:

Function name:

M /issm/trunk-jpl/execution

Export determination: 6.

Rationale: CHG: get svn to ignore other test files

Change #577 with diff file ISSM-13283-13284.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/IoModel.cpp M /issm/trunk-jpl/src/c/classes/IoModel.h A /issm/trunk-jpl/src/c/modules/AutodiffDriversx A /issm/trunk-jpl/src/c/modules/AutodiffDriversx/AutodiffDriversx.cpp A /issm/trunk-jpl/src/c/modules/AutodiffDriversx/AutodiffDriversx.h M /issm/trunk-jpl/src/c/modules/EnumToStringx/E M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Autodiff/CreateParametersAutodiff.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Control/CreateParametersControl.cpp 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/DiagnosticHoriz/CreateLoadsDiagnosticHoriz.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/ModelProcessorx.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Prognostic/CreateLoadsPrognostic.cpp A /issm/trunk-jpl/src/c/modules/RequestedDependentsx A /issm/trunk-jpl/src/c/modules/RequestedDependentsx A /issm/trunk-jpl/src/c/modules/RequestedDependentsx/RequestedDependentsx.h M /issm/trunk-jpl/src/c/modules/StringToEnumx/StringToEnumx.cpp M /issm/trunk-jpl/src/c/modules/modules.h M /issm/trunk-jpl/src/c/solutions/issm.cpp M /issm/trunk-jpl/src/c/solutions/transient_core.cpp M /issm/trunk-jpl/src/m/classes/autodiff.m A /issm/trunk-jpl/src/m/enum/AutodiffJacobianEnum.m A /issm/trunk-jpl/src/m/enum/AutodiffXpEnum.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEn Export determination: 6.

Rationale: CHG: finished raw implementation to call ADOLC drivers. The drivers are called in AutodiffDriversx. We added parameters in Autodiff/CreateParametersAutodiff, such as the state variable xp. Added a bunch of enums accordingly. Hooked up all of this in the transient_core solutoin for now. Of course, also added new module RequestedDependentsx, to declare which dependents are going to be our diagnostics.

Change #578 with diff file ISSM-13284-13285.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: ad script to test adolc capabilities

Change #579 with diff file ISSM-13285-13286.diff:

Function name:

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

jpl/src/c/modules/RequestedDependentsx/RequestedDependentsx.cpp

Export determination: 6.

Rationale: CHG: shielding these modules when not in AD mode.

Change #580 with diff file ISSM-13286-13287.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: shielding issm.cpp from ADOLC when no ADOLC is available.

Change #581 with diff file ISSM-13287-13288.diff:

Function name:

M /issm/trunk-jpl/src/c/python/io/FetchPythonData.cpp M /issm/trunk-jpl/src/c/python/io/pythonio.h

M /issm/trunk-jpl/src/modules/BamgMesher/BamgMesher.cpp M /issm/trunk-

jpl/src/modules/python/Makefile.am

Export determination: 6.

Rationale: NEW: added BamgMesher compilation for python (still some Fetch-Data to implement)

Change #582 with diff file ISSM-13288-13289.diff:

Function name:

M /issm/trunk-jpl/startup.py

Export determination: 6.

Rationale: CHG: taking 'from runme import runme' out from startup.py, as this is for the NR only

Change #583 with diff file ISSM-13289-13290.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: added support for python by default in configuration script (not activated if python is not installed)

Change #584 with diff file ISSM-13290-13291.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/IoModel.h M /issm/trunk-jpl/src/c/modules/AutodiffDriversx/AutodiffDrive

M /issm/trunk-jpl/src/c/modules/AutodiffDriversx/AutodiffDriversx.h

Export determination: 6.

Rationale: CHG: cosmetics (no more than ONE blank line PLEASE)

Change #585 with diff file ISSM-13291-13292.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: cosmetics

Change #586 with diff file ISSM-13292-13293.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixed location of CreateParametersAutodiff.cpp

Change #587 with diff file ISSM-13293-13294.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects/Options/GenericOption.h M /issm/trunk-jpl/src/c/shared/Exp/exp.h

Export determination: 6.

Rationale: missing string function prototypes acc to gcc 4.7.1

Change #588 with diff file ISSM-13294-13295.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/Solverx/Solverx.h

Export determination: 6.

Rationale: NEW: EDF prototypes

Change #589 with diff file ISSM-13295-13296.diff:

Function name:
M /issm/trunk-jpl/src/c/modules/Solverx/SolverxSeq.cpp
Export determination: 6.
Rationale: NEW: EDF for forward implementation for solverx

Change #590 with diff file ISSM-13296-13297.diff:
Function name:
M /issm/trunk-jpl/src/c/shared/Alloc/xNewDelete.h
Export determination: 6.
Rationale: NEW: 2-dim allocate/delete template fcts.

Change #591 with diff file ISSM-13297-13298.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/Solverx/SolverxSeq.cpp
Export determination: 6.
Rationale: NEW: EDF for forward implementation for solverx

Change #592 with diff file ISSM-13298-13299.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/AutodiffDriversx/AutodiffDriversx.cpp
Export determination: 6.
Rationale: NEW set the required EDF members to call jacobian

Change #593 with diff file ISSM-13299-13300.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/AutodiffDriversx/AutodiffDriversx.cpp
Export determination: 6.
Rationale: CHG: wrong order fixed to check on number of independents

Change #594 with diff file ISSM-13300-13301.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/AutodiffDriversx/AutodiffDriversx.cpp
Export determination: 6.

Rationale: CHG: fixed bug. If no dependents and independents, do not run the Autodiff drivers

Change #595 with diff file ISSM-13301-13302.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: some reformatting, minor

Change #596 with diff file ISSM-13302-13303.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: ad test

Change #597 with diff file ISSM-13303-13304.diff:

Function name:

A /issm/trunk-jpl/src/m/os/ismpi.m A /issm/trunk-jpl/src/m/os/ismpi.py

Export determination: 6.

Rationale: NEW: detect mpi compile

Change #598 with diff file ISSM-13304-13305.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: allow generic to run even when mpiexe is not available

Change #599 with diff file ISSM-13305-13306.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: run even when mpi is not available

Change #600 with diff file ISSM-13306-13307.diff:
Function name:
M /issm/trunk-jpl/src/c/solutions/ProcessArguments.cpp
Export determination: 6.
Rationale: CHG: add error message if one argument is missing

Change #601 with diff file ISSM-13307-13308.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/clusters/generic.py
Export determination: 6.
Rationale: FIX: Added import for ismpi.

Change #602 with diff file ISSM-13308-13309.diff:
Function name:
M /issm/trunk-jpl/externalpackages/yams/install.sh
Export determination: 6.
Rationale: BUG: removed set -eu which creates problems

Change #603 with diff file ISSM-13309-13310.diff:
Function name:
D /issm/trunk-jpl/externalpackages/petsc/install-3.2-linux64-python.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.2-pleiades.sh
Export determination: 6.
Rationale: CHG: removed install-3.2-linux64-python.sh that is identical to install-3.2-linux64.sh and updated install-3.2-pleiades.sh so that shared libraries are supported

Change #604 with diff file ISSM-13310-13311.diff:
Function name:
M /issm/trunk-jpl/src/c/python/io/FetchPythonData.cpp M /issm/trunk-jpl/src/c/python/io/pythonio.h
Export determination: 6.
Rationale: NEW: Preliminary python FetchData for BamgGeom, BamgMesh, and BamgOpts.

Change #605 with diff file ISSM-13311-13312.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/clusters/pfe.m
Export determination: 6.
Rationale: BUG: fixed path for pleiades interactive jobs

Change #606 with diff file ISSM-13312-13313.diff:
Function name:
M /issm/trunk-jpl/src/c/shared/Alloc/xNewDelete.h
Export determination: 6.
Rationale: CHG parameter not needed

Change #607 with diff file ISSM-13313-13314.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/Solverx/SolverxSeq.cpp
Export determination: 6.
Rationale: NEW placeholder

Change #608 with diff file ISSM-13314-13315.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/AutodiffDriversx/AutodiffDriversx.cpp
Export determination: 6.
Rationale: setup for fos_forward

Change #609 with diff file ISSM-13315-13316.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/objects/Node.cpp
Export determination: 6.
Rationale: CHG: fixed vim folds

Change #610 with diff file ISSM-13316-13317.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/MeshPartitionx/MeshPartitionx.h

Export determination: 6.
Rationale: CHG: added check if metis is not installed and npl

Change #611 with diff file ISSM-13317-13318.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/MeshPartitionx/MeshPartitionx.h
Export determination: 6.
Rationale: CHG: added check if metis is not installed and npl

Change #612 with diff file ISSM-13318-13319.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
A /issm/trunk-jpl/src/m/enum/AutodiffFosForwardOutputEnum.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m
Export determination: 6.
Rationale: NEW: Added AutodiffFosForwardOutputEnum

Change #613 with diff file ISSM-13319-13320.diff:
Function name:
D /issm/trunk-jpl/src/c/classes/objects/ExternalResults/PetscVecExternalResult.cpp
D /issm/trunk-jpl/src/c/classes/objects/ExternalResults/PetscVecExternalResult.h
Export determination: 6.
Rationale: CHG: these files have never been compiled. Not needed anymore

Change #614 with diff file ISSM-13320-13321.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/Solverx/SolverxSeq.cpp
Export determination: 6.
Rationale: CHG add in temporary debug output

Change #615 with diff file ISSM-13321-13322.diff:
Function name:

M /issm/trunk-jpl/src/c/classes/objects/objects.h
Export determination: 6.
Rationale: BUG: removed PETSCVec from externalResults

Change #616 with diff file ISSM-13322-13323.diff:

Function name:

M /issm/trunk-jpl/src/c/matlab/io/WriteMatlabData.cpp M /issm/trunk-jpl/src/c/python/io/WritePythonD

Export determination: 6.

Rationale: CHG: Changes to FetchData for BamgGeom and BamgMesh.

Change #617 with diff file ISSM-13323-13324.diff:

Function name:

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

Export determination: 6.

Rationale: CHG replace memcpy calls

Change #618 with diff file ISSM-13324-13325.diff:

Function name:

M /issm/trunk-jpl/src/c/matlab/io/WriteMatlabData.cpp

Export determination: 6.

Rationale: BUG: fixed number of input fields

Change #619 with diff file ISSM-13325-13326.diff:

Function name:

M /issm/trunk-jpl/externalpackages/git/install.sh M /issm/trunk-jpl/src/c/Container/Elements.cpp

M /issm/trunk-jpl/src/c/Makefile.am D /issm/trunk-jpl/src/c/classes/objects/ExternalResults/BoolExternal

D /issm/trunk-jpl/src/c/classes/objects/ExternalResults/BoolExternalResult.h

D /issm/trunk-jpl/src/c/classes/objects/ExternalResults/DoubleExternalResult.cpp

D /issm/trunk-jpl/src/c/classes/objects/ExternalResults/DoubleExternalResult.h

D /issm/trunk-jpl/src/c/classes/objects/ExternalResults/DoubleMatExternalResult.cpp

D /issm/trunk-jpl/src/c/classes/objects/ExternalResults/DoubleMatExternalResult.h

D /issm/trunk-jpl/src/c/classes/objects/ExternalResults/DoubleVecExternalResult.cpp

D /issm/trunk-jpl/src/c/classes/objects/ExternalResults/DoubleVecExternalResult.h

A /issm/trunk-jpl/src/c/classes/objects/ExternalResults/GenericExternalResult.h

D /issm/trunk-jpl/src/c/classes/objects/ExternalResults/IntExternalResult.cpp

D /issm/trunk-jpl/src/c/classes/objects/ExternalResults/IntExternalResult.h D
 /issm/trunk-jpl/src/c/classes/objects/ExternalResults/StringExternalResult.cpp
 D /issm/trunk-jpl/src/c/classes/objects/ExternalResults/StringExternalResult.h
 M /issm/trunk-jpl/src/c/classes/objects/objects.h M /issm/trunk-jpl/src/c/modules/AddExternalResultx/Ad
 M /issm/trunk-jpl/src/c/modules/AutodiffDriversx/AutodiffDriversx.cpp M /issm/trunk-
 jpl/src/c/modules/OutputResultsx/OutputResultsx.cpp M /issm/trunk-jpl/src/c/modules/RequestedOutputs
 M /issm/trunk-jpl/src/c/solutions/control_core.cpp M /issm/trunk-jpl/src/c/solutions/controlrestart.cpp
 M /issm/trunk-jpl/src/c/solutions/controltao_core.cpp M /issm/trunk-jpl/src/c/solutions/issm.cpp
 M /issm/trunk-jpl/src/c/solutions/kriging.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/test/NightlyRun/ad.m
 Export determination: 6.

Rationale: NEW: large change. Replaced all our instances of ExternalResult
 objects with one generic templated class. Much simpler, though it hit some of
 the code in the solutions in modules.

Change #620 with diff file ISSM-13326-13327.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: simplified dumping into external results

Change #621 with diff file ISSM-13327-13328.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Alloc/xNewDelete.h

Export determination: 6.

Rationale: CHG fix up the assertions

Change #622 with diff file ISSM-13328-13329.diff:

Function name:

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

Export determination: 6.

Rationale: CHG : temporary addition of debug output

Change #623 with diff file ISSM-13329-13330.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: ContourToNodes only takes contour names (no structure) so that the module is compatible with python

Change #624 with diff file ISSM-13330-13331.diff:

Function name:

M /issm/trunk-jpl/src/modules/ContourToMesh/ContourToMesh.cpp M /issm/trunk-

jpl/src/modules/ContourToNodes/ContourToNodes.cpp M /issm/trunk-jpl/src/modules/ContourToNodes/C

M /issm/trunk-jpl/src/modules/python/Makefile.am

Export determination: 6.

Rationale: NEW: added python support for ContourToMesh (had to remove structs as arguments

Change #625 with diff file ISSM-13331-13332.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: upgraded to ipython 0.13

Change #626 with diff file ISSM-13332-13333.diff:

Function name:

M /issm/trunk-jpl/src/m/exp/expread.m A /issm/trunk-jpl/src/m/exp/expread.py

Export determination: 6.

Rationale: NEW: Python version of expread.

Change #627 with diff file ISSM-13333-13334.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: cosmetics

Change #628 with diff file ISSM-13334-13335.diff:

Function name:
M /issm/trunk-jpl/src/c/modules/Solverx/SolverxSeq.cpp
Export determination: 6.
Rationale: CHG: cosmetics

Change #629 with diff file ISSM-13335-13336.diff:

Function name:
A /issm/trunk-jpl/test/NightlyRun/test121.py A /issm/trunk-jpl/test/NightlyRun/test122.py
Export determination: 6.
Rationale: Add test121.py and test122.py. Working on test201.py and Par/SquareShelf.py

Change #630 with diff file ISSM-13336-13337.diff:

Function name:
M /issm/trunk-jpl/test/NightlyRun/runme.m M /issm/trunk-jpl/test/NightlyRun/runme.py
Export determination: 6.
Rationale: CHG: removed from MatlabFuncs import *, which was producing the following error message: 'SyntaxWarning: import Archive Forms LastMerge oecreview.sh SyncBranches.sh TEMP Template only allowed at module level'

Change #631 with diff file ISSM-13337-13338.diff:

Function name:
M /issm/trunk-jpl/scripts/report.sh
Export determination: 6.
Rationale: NEW: add OS after machine name

Change #632 with diff file ISSM-13338-13339.diff:

Function name:
M /issm/trunk-jpl/src/m/exp/expread.m M /issm/trunk-jpl/src/m/exp/expread.py
Export determination: 6.
Rationale: CHG: Revision for python.

Change #633 with diff file ISSM-13339-13340.diff:

Function name:

A /issm/trunk-jpl/src/m/miscellaneous/BinRead.py
Export determination: 6.
Rationale: NEW: Stand-alone python tool to read marshalled binary files.

Change #634 with diff file ISSM-13340-13341.diff:

Function name:
M /issm/trunk-jpl/test/NightlyRun/test421.m
Export determination: 6.
Rationale: CHG: minor tolerances

Change #635 with diff file ISSM-13341-13342.diff:

Function name:
M /issm/trunk-jpl/src/m/exp/expread.py M /issm/trunk-jpl/src/m/exp/expwrite.m
A /issm/trunk-jpl/src/m/exp/expwrite.py
Export determination: 6.
Rationale: NEW: Python version of expwrite (plus some cleanup).

Change #636 with diff file ISSM-13342-13343.diff:

Function name:
M /issm/trunk-jpl/src/m/classes/model/model.m
Export determination: 6.
Rationale: BUG: distinguish between matice and matdamageice when loading a model object

Change #637 with diff file ISSM-13343-13344.diff:

Function name:
M /issm/trunk-jpl/externalpackages/swig/install.sh
Export determination: 6.
Rationale: CHG: fixed problem in redefining CFLAGS

Change #638 with diff file ISSM-13344-13345.diff:

Function name:
M /issm/trunk-jpl/externalpackages/boost A /issm/trunk-jpl/externalpackages/boost/install-

macosx-snowleopard.sh M /issm/trunk-jpl/externalpackages/freetype M /issm/trunk-jpl/externalpackages/latex2rtf M /issm/trunk-jpl/externalpackages/libpng M /issm/trunk-jpl/externalpackages/metis M /issm/trunk-jpl/externalpackages/pyclips M /issm/trunk-jpl/externalpackages/python M /issm/trunk-jpl/externalpackages/scipy/install-macosx-lion.sh M /issm/trunk-jpl/externalpackages/vim/addons/vimrc
Export determination: 6.
Rationale: CHG: get svn to ignore some files.

Change #639 with diff file ISSM-13345-13346.diff:
Function name:
M /issm/trunk-jpl/bin
Export determination: 6.
Rationale: CHG: get svn to ignore some files.

Change #640 with diff file ISSM-13346-13347.diff:
Function name:
M /issm/trunk-jpl/etc/environment.sh
Export determination: 6.
Rationale: CHG: added swig to the path.

Change #641 with diff file ISSM-13347-13348.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/matdamageice.m M /issm/trunk-jpl/src/m/classes/model/model.m
M /issm/trunk-jpl/src/m/classes/oldclasses/materials.m
Export determination: 6.
Rationale: NEW: enable to load old model with rheology \mathcal{Z} (matdamageice)

Change #642 with diff file ISSM-13348-13349.diff:
Function name:
M /issm/trunk-jpl/configs/config-linux64-astrid-petscdev.sh
Export determination: 6.
Rationale: CHG: Removed Spooles (no longer supported), and prometheus (to be dropped by petsc) and associated libs (i.e. Pastix, Scotch)

Change #643 with diff file ISSM-13349-13350.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/GenericParamEnum.m
M /issm/trunk-jpl/src/m/enum/MaximumNumberOfEnums.m

Export determination: 6.

Rationale: CHG: new GenericParamEnum enum.

Change #644 with diff file ISSM-13350-13351.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: fixed installation status failed color

Change #645 with diff file ISSM-13351-13352.diff:

Function name:

M /issm/trunk-jpl/src/m/geometry/SegIntersect.m

Export determination: 6.

Rationale: NEW: Python version of SegIntersect.

Change #646 with diff file ISSM-13352-13353.diff:

Function name:

A /issm/trunk-jpl/src/m/geometry/SegIntersect.py

Export determination: 6.

Rationale: NEW: Python version of SegIntersect (would be good if I added the real file).

Change #647 with diff file ISSM-13353-13354.diff:

Function name:

M /issm/trunk-jpl/src/c/matlab/io/FetchMatlabData.cpp M /issm/trunk-jpl/src/c/matlab/io/matlabio.h
M /issm/trunk-jpl/src/c/python/io/FetchPythonData.cpp M /issm/trunk-jpl/src/c/python/io/pythonio.h
M /issm/trunk-jpl/src/c/shared/Exp/DomainOutlineWrite.cpp M /issm/trunk-jpl/src/c/shared/Exp/exp.h M /issm/trunk-jpl/src/m/mesh/bamg.m M /issm/trunk-jpl/src/modules/ContourToNodes/ContourToNodes.cpp M /issm/trunk-jpl/src/modules/ContourToNodes/C

Export determination: 6.

Rationale: NEW: FtechData can now retrieve contours either from a file or from a matlab structure (python equivalent needs to be implemented)

Change #648 with diff file ISSM-13354-13355.diff:

Function name:

M /issm/trunk-jpl/externalpackages/matplotlib/install-osx.sh

Export determination: 6.

Rationale: CHG: debugged issues of permissions with freetype2 include files

Change #649 with diff file ISSM-13355-13356.diff:

Function name:

M /issm/trunk-jpl/src/modules/ContourToMesh/ContourToMesh.cpp M /issm/trunk-

jpl/src/modules/ContourToMesh/ContourToMesh.h M /issm/trunk-jpl/src/modules/TriMesh/TriMesh.cpp

Export determination: 6.

Rationale: CHG: do not use DomainOutlineRead anymore, use FetchData directly

Change #650 with diff file ISSM-13356-13357.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: missing include files for numpy, starting from the numpy root directory

Change #651 with diff file ISSM-13357-13358.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: cosmetics

Change #652 with diff file ISSM-13358-13359.diff:

Function name:

A /issm/trunk-jpl/configs/config-macosx64-chris-bothapis.sh A /issm/trunk-jpl/configs/config-macosx64-chris-python.sh
Export determination: 6.
Rationale: CHG: iMac-lion python and matlab install scripts

Change #653 with diff file ISSM-13359-13360.diff:
Function name:
M /issm/trunk-jpl/lib
Export determination: 6.
Rationale: CHG: get svn to ignore some files

Change #654 with diff file ISSM-13360-13361.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/model/model.py
Export determination: 6.
Rationale: CHG: minor, missing parenthesis in string output

Change #655 with diff file ISSM-13361-13362.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/Solverx/SolverxSeq.cpp
Export determination: 6.
Rationale: CH remove temporary debug output

Change #656 with diff file ISSM-13362-13363.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/AutodiffDriversx/AutodiffDriversx.cpp
Export determination: 6.
Rationale: CHG remove temporary debug output

Change #657 with diff file ISSM-13363-13364.diff:
Function name:
M /issm/trunk-jpl/src/c/python/include/python_macros.h M /issm/trunk-jpl/src/c/shared/Exceptions/Exceptions.h
M /issm/trunk-jpl/src/c/shared/Exceptions/exceptions.h M /issm/trunk-jpl/src/c/shared/TriMesh/TriMeshU

Export determination: 6.
Rationale: NEW: improved error message handle in python

Change #658 with diff file ISSM-13364-13365.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/Solverx/SolverxSeq.cpp
Export determination: 6.
Rationale: CHG wrong index

Change #659 with diff file ISSM-13365-13366.diff:
Function name:
M /issm/trunk-jpl/src/c/python/include/python_macros.h
Export determination: 6.
Rationale: BUG: added return NULL to avoid segfault

Change #660 with diff file ISSM-13366-13367.diff:
Function name:
M /issm/trunk-jpl/src/c/shared/TriMesh/GridInsideHole.cpp
Export determination: 6.
Rationale: BUG: need to initialize flag before calling IsInPolySerial

Change #661 with diff file ISSM-13367-13368.diff:
Function name:
M /issm/trunk-jpl/src/c/shared/Exp/IsInPolySerial.cpp M /issm/trunk-jpl/src/c/shared/TriMesh/GridInsideHole.cpp
Export determination: 6.
Rationale: BUG: fixed bug in trimesh with holes

Change #662 with diff file ISSM-13368-13369.diff:
Function name:
M /issm/trunk-jpl/src/c/python/io/FetchPythonData.cpp M /issm/trunk-jpl/src/c/python/io/pythonio.h
Export determination: 6.
Rationale: NEW: Python version of FetchData for contours (corresponding to [13353],[13355]).

Change #663 with diff file ISSM-13369-13370.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test211.m

Export determination: 6.

Rationale: HCG: minor tolerances test211

Change #664 with diff file ISSM-13370-13371.diff:

Function name:

D /issm/trunk-jpl/externalpackages/python/install-2.7.2-linux64.sh D /issm/trunk-jpl/externalpackages/python/install-2.7.2-macosx-lion.sh D /issm/trunk-jpl/externalpackages/python/install-2.7.2-macosx-snowleopard.sh A /issm/trunk-jpl/externalpackages/python/install-2.7.3-linux64.sh (from /issm/trunk-jpl/externalpackages/python/install-2.7.2-linux64.sh:13369)

A /issm/trunk-jpl/externalpackages/python/install-2.7.3-macosx-lion.sh (from /issm/trunk-jpl/externalpackages/python/install-2.7.2-macosx-lion.sh:13369) A /issm/trunk-jpl/externalpackages/python/install-2.7.3-macosx-snowleopard.sh (from /issm/trunk-jpl/externalpackages/python/install-2.7.2-macosx-snowleopard.sh:13369)

Export determination: 6.

Rationale: NEW: changed default python version to 2.7.3

Change #665 with diff file ISSM-13371-13372.diff:

Function name:

A /issm/trunk-jpl/externalpackages/matplotlib/install-linux64.sh (from /issm/trunk-jpl/externalpackages/matplotlib/install.sh:13370) A /issm/trunk-jpl/externalpackages/matplotlib/install-macosx64.sh (from /issm/trunk-jpl/externalpackages/matplotlib/install-osx.sh:13370)

D /issm/trunk-jpl/externalpackages/matplotlib/install-osx.sh D /issm/trunk-jpl/externalpackages/matplotlib/install.sh M /issm/trunk-jpl/externalpackages/numpy/install-linux64.sh M /issm/trunk-jpl/externalpackages/numpy/install-macosx-snowleopard.sh

M /issm/trunk-jpl/externalpackages/scipy/install-linux64.sh M /issm/trunk-jpl/externalpackages/scipy/install-macosx-snowleopard.sh

Export determination: 6.

Rationale: CHG: cosmetics

Change #666 with diff file ISSM-13372-13373.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Changed python FetchData for strings, vectors, and matrices to copy data out of python space.

Change #667 with diff file ISSM-13373-13374.diff:

Function name:

M /issm/trunk-jpl/src/c/python/io/FetchPythonData.cpp M /issm/trunk-jpl/src/c/python/io/pythonio.h

Export determination: 6.

Rationale: CHG: Changed appropriate FetchData to memcpy and added more to FetchData for Options.

Change #668 with diff file ISSM-13374-13375.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Cosmetic changes to python FetchData.

Change #669 with diff file ISSM-13375-13376.diff:

Function name:

M /issm/trunk-jpl/src/c/matlab/io/FetchMatlabData.cpp M /issm/trunk-jpl/src/c/modules/Solverx/Solverx.h

Export determination: 6.

Rationale: NEW: enable to Fetch matlab single vectors

Change #670 with diff file ISSM-13376-13377.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/IoModel.cpp 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 parallel kriging with new iomodel-jdependents

Change #671 with diff file ISSM-13377-13378.diff:

Function name:

D /issm/trunk-jpl/configs/config-macosx64-helene.sh A /issm/trunk-jpl/configs/config-macosx64-lion-helene.sh

Export determination: 6.

Rationale: CHG: changed mac lion config to have both python and matlab

Change #672 with diff file ISSM-13378-13379.diff:

Function name:

M /issm/trunk-jpl/src/c/matlab/io/FetchMatlabData.cpp M /issm/trunk-jpl/src/c/matlab/io/MatlabNArray

Export determination: 6.

Rationale: CHG:cosmetics

Change #673 with diff file ISSM-13379-13380.diff:

Function name:

M /issm/trunk-jpl/src/c/Container/Elements.cpp

Export determination: 6.

Rationale: CHG: bug fix. Nasty index issue

Change #674 with diff file ISSM-13380-13381.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: minor. better name for nrow variable

Change #675 with diff file ISSM-13381-13382.diff:

Function name:

M /issm/trunk-jpl/src/c/Container/Elements.cpp

Export determination: 6.

Rationale: CHG: cosmetics - no more than one blank line

Change #676 with diff file ISSM-13382-13383.diff:

Function name:

M /issm/trunk-jpl/externalpackages/adolc/install-dev.sh

Export determination: 6.

Rationale: upgrade to newer version

Change #677 with diff file ISSM-13383-13384.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: avoid getting information output flagged by the nightly run

Change #678 with diff file ISSM-13384-13385.diff:

Function name:

A /issm/trunk-jpl/externalpackages/git/install-nopython.sh

Export determination: 6.

Rationale: NEW: configure script when python is not available

Change #679 with diff file ISSM-13385-13386.diff:

Function name:

M /issm/trunk-jpl/src/c/Container/Options.h M /issm/trunk-jpl/src/c/classes/bamg/Geometry.cpp

Export determination: 6.

Rationale: CHG: special case to retrieve string, need to return a copy of the default value otherwise delete will crash

Change #680 with diff file ISSM-13386-13387.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: with the forthcoming changes this will no longer work with the older versions anyway and the numbering is not consistently set

Change #681 with diff file ISSM-13387-13388.diff:

Function name:

M /issm/trunk-jpl/src/c/solvers/solver_linear.cpp

Export determination: 6.

Rationale: CHG keep around commented out for now - to be removed later

when we established regression testing

Change #682 with diff file ISSM-13388-13389.diff:

Function name:

M /issm/trunk-jpl/externalpackages/adolc/install-dev.sh

Export determination: 6.

Rationale: CHG adjusted default behavior in configure script, examples not needed

Change #683 with diff file ISSM-13389-13390.diff:

Function name:

M /issm/trunk-jpl/configs/config-linux64-astrid-ad.sh

Export determination: 6.

Rationale: CHG: use ADOLC devel version

Change #684 with diff file ISSM-13390-13391.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: aspell path

Change #685 with diff file ISSM-13391-13392.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/objects

Export determination: 6.

Rationale: Ignore Params.new

Change #686 with diff file ISSM-13392-13393.diff:

Function name:

M /issm/trunk-jpl/configure.ac

Export determination: 6.

Rationale: CHG: ISSM version number