

JPL EXPORT ADMINISTRATION DOCUMENT REVIEW RECORD

Log #: 19101-20495

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Program: ISSM: Ice Sheet System Model

Person Requesting or Initiating Export: Dr. Eric Larour

Date Received: Apr-12-2016

Document Title/Description: ISSM changes from revision 19101 to revision 20495

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:** Apr-12-2016

Disposition:

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Change #1 with diff file ISSM-19101-19102.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/LevelsetAnalysis.cpp

Export determination: 6.

Rationale: TEMP: removed levelset code temporarily

Change #2 with diff file ISSM-19104-19105.diff:

Function name:

M /issm/trunk-jpl M /issm/trunk-jpl/configs/configure.sh A /issm/trunk-jpl/externalpackages/petsc/install-3.5-pleiades-intel2012.0.032-mpt.2.06rp16.sh (from /issm/trunk/externalpackages/petsc/install-3.5-pleiades-intel2012.0.032-mpt.2.06rp16.sh:19101) M /issm/trunk-jpl/src M /issm/trunk-jpl/src/m/contrib/paraview/exportVTK.m

Export determination: 6.

Rationale: merged trunk and trunk-jpl

Change #3 with diff file ISSM-19106-19107.diff:

Function name:

M /issm/trunk-jpl M /issm/trunk-jpl/src M /issm/trunk-jpl/test

Export determination: 6.

Rationale: Block revision 19105 from being merged into trunk-jpl

Change #4 with diff file ISSM-19107-19108.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/LevelsetAnalysis.cpp
Export determination: 6.
Rationale: CHG: reverted LevelsetAnalysis.cpp back

Change #5 with diff file ISSM-19108-19109.diff:

Function name:
M /issm/trunk-jpl/src/dox/issm.dox
Export determination: 6.
Rationale: CHG: updated number of lines of code

Change #6 with diff file ISSM-19109-19110.diff:

Function name:
A /issm/trunk-jpl/configs/config-win64.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.1-win7.sh A /issm/trunk-jpl/externalpackages/windows/configs/sdk7.1-win64.sh
M /issm/trunk-jpl/externalpackages/windows/windows_environment.sh M /issm/trunk-jpl/jenkins/windows M /issm/trunk-jpl/m4/issm_options.m4 M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am
Export determination: 6.
Rationale: CHG: Modified 'issm_options.m4' and Matlab's 'Makefile.am' to fix the broken Windows build. CHG: Jenkins Windows script now installs Petsc 3.1 and uses the vendor option MSVC-Win64. ADD: Added new config script for Win64 environment in externalpackages. CHG: 'windows_environment.sh' now picks up the new Win64 environment script. ADD: Added a new config script for Win64 vendor option.

Change #7 with diff file ISSM-19110-19111.diff:

Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: issm_options.m4 had some testing stuff left over for Windows build. It has been removed.

Change #8 with diff file ISSM-19111-19112.diff:

Function name:
M /issm/trunk-jpl/m4/issm_options.m4

Export determination: 6.
Rationale: CHG: issm_options.m4 change to keep non Windows build from setting IS_WINDOWS to yes.

Change #9 with diff file ISSM-19112-19113.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: One more change to get the non-windows build to work.

Change #10 with diff file ISSM-19113-19114.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/StressbalanceVerticalAnalysis.cpp
Export determination: 6.
Rationale: BUG: fixed problem when spcvz is on multiple column

Change #11 with diff file ISSM-19114-19115.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/StressbalanceSIAAnalysis.cpp
Export determination: 6.
Rationale: BUG: SIA velocities in 2D were wrong, the exponent of H should be n+1 and denominator n+2, thanks Henning Akesson for reporting this bug

Change #12 with diff file ISSM-19115-19116.diff:
Function name:
M /issm/trunk-jpl/jenkins/windows M /issm/trunk-jpl/src/m/Makefile.am M /issm/trunk-jpl/src/wrappers/python/Makefile.am
Export determination: 6.
Rationale: CHG: Jenkins Window file now provides Metis dir. CHG: Makefile.am in src/m install more python scripts. CHG: Makefile.am in src/wrappers/python uses directory subobjects.

Change #13 with diff file ISSM-19116-19117.diff:

Function name:
M /issm/trunk-jpl/src/m/classes/toolkits.m
Export determination: 6.
Rationale: CHG: changed error message to warning for NERSC colleagues

Change #14 with diff file ISSM-19117-19118.diff:

Function name:
M /issm/trunk-jpl/src/c/modules/IoModelToConstraintsx/IoModelToConstraintsx.cpp
M /issm/trunk-jpl/src/c/modules/IoModelToConstraintsx/IoModelToConstraintsx.h
Export determination: 6.
Rationale: CHG: added IoModelToDynamicConstraintsx for PDD module

Change #15 with diff file ISSM-19118-19119.diff:

Function name:
M /issm/trunk-jpl/src/wrappers/python/Makefile.am
Export determination: 6.
Rationale: CHG: reverted back because this does not work on thwaites/murdo
when both matlab and python are installed

Change #16 with diff file ISSM-19119-19120.diff:

Function name:
M /issm/trunk-jpl/test/Archives/Archive302.nc M /issm/trunk-jpl/test/Archives/Archive303.nc
M /issm/trunk-jpl/test/Archives/Archive314.nc M /issm/trunk-jpl/test/Archives/Archive804.nc
Export determination: 6.
Rationale: CHG: updated archives now that SIA2d is fixed

Change #17 with diff file ISSM-19120-19121.diff:

Function name:
M /issm/trunk-jpl/jenkins/imac-012301-gil M /issm/trunk-jpl/jenkins/linux64_murdo_ad
M /issm/trunk-jpl/jenkins/linux64_murdo_ampi M /issm/trunk-jpl/packageagers/macosx/install.sh
M /issm/trunk-jpl/packageagers/ubuntu/install.sh
Export determination: 6.
Rationale: CHG: moved to PETSc 3.5 and removed tao

Change #18 with diff file ISSM-19121-19122.diff:
Function name:
M /issm/trunk-jpl/src/m/contrib/hack/sia.m
Export determination: 6.
Rationale: BUG: fixed SIA module with new md structure

Change #19 with diff file ISSM-19122-19123.diff:
Function name:
M /issm/trunk-jpl/src/m/consistency/comparemodels.m
Export determination: 6.
Rationale: CHG: added better support for NaNs

Change #20 with diff file ISSM-19123-19124.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/model.m
Export determination: 6.
Rationale: CHG: collapse needs to be object oriented again...

Change #21 with diff file ISSM-19124-19125.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/model.m
Export determination: 6.
Rationale: CHG: uperelements and lowerelements are only for 3d prisms

Change #22 with diff file ISSM-19125-19126.diff:
Function name:
M /issm/trunk-jpl/jenkins/windows
Export determination: 6.
Rationale: CHG: Added autotools to the list of externalpackages that are installed for Windows build.

Change #23 with diff file ISSM-19126-19127.diff:
Function name:

M /issm/trunk-jpl/externalpackages/windows/windows_environment.sh
Export determination: 6.
Rationale: CHG: Changed windows environment scripts in externalpackages.

Change #24 with diff file ISSM-19128-19129.diff:
Function name:
M /issm/trunk-jpl/packageagers/macosx/install.sh
Export determination: 6.
Rationale: CHG: Added cleaning steps before building in install script for Mac OSX.

Change #25 with diff file ISSM-19129-19130.diff:
Function name:
A /issm/trunk-jpl/externalpackages/windows/configs/sdk7.1-win32.sh M /issm/trunk-jpl/externalpackages/windows/windows_environment.sh
Export determination: 6.
Rationale: ADD: New win32 script for setting up environment variables.

Change #26 with diff file ISSM-19130-19131.diff:
Function name:
M /issm/trunk-jpl/externalpackages/windows/windows_environment.sh
Export determination: 6.
Rationale: CHG: Changed windows_environment.sh script to pickup new win32 env script.

Change #27 with diff file ISSM-19131-19132.diff:
Function name:
M /issm/trunk-jpl/externalpackages/windows/windows_environment.sh
Export determination: 6.
Rationale: CHG: Trying something to fix an issue with Petsc involving win32fe.

Change #28 with diff file ISSM-19132-19133.diff:
Function name:

M /issm/trunk-jpl/externalpackages/windows/windows_environment.sh
Export determination: 6.
Rationale: CHG: Trying something to fix an issue with Petsc involving win32fe.

Change #29 with diff file ISSM-19133-19134.diff:
Function name:
M /issm/trunk-jpl/packagers/macosx/install.sh
Export determination: 6.
Rationale: CHG: removed m1qn3 to see

Change #30 with diff file ISSM-19134-19135.diff:
Function name:
M /issm/trunk-jpl/packagers/macosx/install.sh
Export determination: 6.
Rationale: CHG: removed m1qn3 to see

Change #31 with diff file ISSM-19136-19137.diff:
Function name:
M /issm/trunk-jpl/externalpackages/m1qn3/install.sh
Export determination: 6.
Rationale: CHG: force -arch x86_64 for old macs

Change #32 with diff file ISSM-19137-19138.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp
Export determination: 6.
Rationale: PDD temperature surface forcing modif in Tria and Penta

Change #33 with diff file ISSM-19138-19139.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/ThermalAnalysis.cpp M /issm/trunk-jpl/src/c/classes/FemModel.cpp
M /issm/trunk-jpl/src/c/classes/IoModel.cpp M /issm/trunk-jpl/src/c/classes/IoModel.h
M /issm/trunk-jpl/src/c/cores/transient_core.cpp

Export determination: 6.
Rationale: CHG: allow spc temperatures to be reset by PDD scheme

Change #34 with diff file ISSM-19139-19140.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: changed MULTITHREADING var for Mac build to fix libmx issue.

Change #35 with diff file ISSM-19140-19141.diff:
Function name:
M /issm/trunk-jpl/jenkins/windows
Export determination: 6.
Rationale: CHG: Point METIS_DIR to the correct directory given Petsc 3.1 in windows jenkins script.

Change #36 with diff file ISSM-19141-19142.diff:
Function name:
M /issm/trunk-jpl/jenkins/windows
Export determination: 6.
Rationale: CHG: Disabled kriging in windows build.

Change #37 with diff file ISSM-19142-19143.diff:
Function name:
M /issm/trunk-jpl/jenkins/windows
Export determination: 6.
Rationale: CHG: removed some tests and enable development

Change #38 with diff file ISSM-19143-19144.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/ThermalAnalysis.cpp
Export determination: 6.

Rationale: CHG: added SteadystateSolutionEnum support

Change #39 with diff file ISSM-19144-19145.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive237.nc

Export determination: 6.

Rationale: CHG: updated archive with new PDD thermal constraints

Change #40 with diff file ISSM-19145-19146.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: Added a second make attempt to jenkins script for the Windows build.

Change #41 with diff file ISSM-19146-19147.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Fixed an issue with AM_CONDITIONAL on without-wrappers build.

Change #42 with diff file ISSM-19147-19148.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test807.m M /issm/trunk-jpl/test/NightlyRun/test807.py

Export determination: 6.

Rationale: CHG: relaxed tolerance

Change #43 with diff file ISSM-19148-19149.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: allow python to be in other locations

Change #44 with diff file ISSM-19149-19150.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: more flexible test on python include

Change #45 with diff file ISSM-19150-19151.diff:

Function name:

M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_newton.cpp M /issm/trunk-

jpl/src/c/solutionsequences/solutionsequence_nonlinear.cpp M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_nonlinear.cpp

Export determination: 6.

Rationale: CHG: removed MaxIterationConvergenceFlagEnum from results to avoid having a results for each step even though output_frequency is not 1

Change #46 with diff file ISSM-19151-19152.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Loads/Friction.cpp M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h

M /issm/trunk-jpl/src/c/shared/Enum/EnumToStringx.cpp M /issm/trunk-jpl/src/c/shared/Enum/StringToEnum.cpp

Export determination: 6.

Rationale: CHG:adding coupling capability to friction hydro

Change #47 with diff file ISSM-19152-19153.diff:

Function name:

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

A /issm/trunk-jpl/src/m/enum/FrictionCouplingEnum.m D /issm/trunk-jpl/src/m/enum/MaxIterationConvergenceFlagEnum.m

Export determination: 6.

Rationale: CHG:adding coupling capability to friction hydro

Change #48 with diff file ISSM-19153-19154.diff:

Function name:

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

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

Export determination: 6.
Rationale: BUG: fixed kriging for covertree

Change #49 with diff file ISSM-19154-19155.diff:

Function name:

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

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

Export determination: 6.

Rationale: CHG: added simplistic reset levelset function and calving law

Change #50 with diff file ISSM-19155-19156.diff:

Function name:

M /issm/trunk-jpl/examples/Data/Download.sh M /issm/trunk-jpl/examples/Greenland/runme.m

Export determination: 6.

Rationale: CHG: update to newest Box dataset

Change #51 with diff file ISSM-19156-19157.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/kriging/Observations.cpp

Export determination: 6.

Rationale: BUG: fixes covertree by computing maxdist on the fly

Change #52 with diff file ISSM-19157-19158.diff:

Function name:

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

A /issm/trunk-jpl/src/m/consistency/QueueRequirements.py M /issm/trunk-

jpl/src/m/contrib/netCDF/export_netCDF.py M /issm/trunk-jpl/src/m/contrib/netCDF/read_netCDF.m

M /issm/trunk-jpl/src/m/contrib/paraview/exportVTK.m M /issm/trunk-jpl/src/m/dev/devpath.py

M /issm/trunk-jpl/src/m/io/structtonc.m M /issm/trunk-jpl/src/m/os/issmscpin.py

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

Export determination: 6.

Rationale: NEW: adding cluster (pfe) launch ability in python

Change #53 with diff file ISSM-19158-19159.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/LevelsetAnalysis.cpp M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.cpp
M /issm/trunk-jpl/src/c/shared/Enum/EnumToString.cpp M /issm/trunk-jpl/src/c/shared/Enum/StringToEnum.cpp
M /issm/trunk-jpl/src/m/classes/calving.m M /issm/trunk-jpl/src/m/classes/calving.py
M /issm/trunk-jpl/src/m/classes/calvingdev.m M /issm/trunk-jpl/src/m/classes/calvingpi.m
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py M /issm/trunk-jpl/test/NightlyRun/test807.m
M /issm/trunk-jpl/test/NightlyRun/test807.py M /issm/trunk-jpl/test/Par/SquareSheetConstrained.par
M /issm/trunk-jpl/test/Par/SquareSheetConstrained.py M /issm/trunk-jpl/test/Par/ValleyGlacierShelf.par
M /issm/trunk-jpl/test/Par/ValleyGlacierShelf.py

Export determination: 6.

Rationale: NEW: added spclevelset to levelset transport equation

Change #54 with diff file ISSM-19159-19160.diff:

Function name:

A /issm/trunk-jpl/src/m/enum/SpcLevelsetEnum.m

Export determination: 6.

Rationale: CHG: new enum:

Change #55 with diff file ISSM-19160-19161.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: syncing enums

Change #56 with diff file ISSM-19161-19162.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/AdjointHorizAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/EnthalpyAnalysis.cpp
M /issm/trunk-jpl/src/c/analyses/StressbalanceAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/ThermalAnalysis.cpp

Export determination: 6.

Rationale: BUG: fix for the friction coupling

Change #57 with diff file ISSM-19162-19163.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/EnthalpyAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/StressbalanceAnal
M /issm/trunk-jpl/src/c/analyses/ThermalAnalysis.cpp
Export determination: 6.
Rationale: BUG: fix for the friction coupling

Change #58 with diff file ISSM-19163-19164.diff:

Function name:

M /issm/trunk-jpl/examples/Greenland/Greenland.par M /issm/trunk-jpl/examples/IceBridge/Greenland.par
M /issm/trunk-jpl/examples/IceBridge/Greenland_cheatsheet.par M /issm/trunk-
jpl/examples/IceBridge/Greenland_noOIB.par M /issm/trunk-jpl/examples/Jakobshavn/Jks.par
M /issm/trunk-jpl/examples/Pig/Pig.par

Export determination: 6.

Rationale: CHG: no more hemisphere, use epsg instead

Change #59 with diff file ISSM-19164-19165.diff:

Function name:

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

Export determination: 6.

Rationale: BUG:fix for pleiade launch

Change #60 with diff file ISSM-19165-19166.diff:

Function name:

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

Export determination: 6.

Rationale: BUG:deleteing greenplanet import which does not exist

Change #61 with diff file ISSM-19166-19167.diff:

Function name:

M /issm/trunk-jpl/examples/Greenland/runme.m

Export determination: 6.

Rationale: CHG: run relaxation for 20 years

Change #62 with diff file ISSM-19167-19168.diff:

Function name:

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

M /issm/trunk-jpl/test/NightlyRun/test806.m M /issm/trunk-jpl/test/NightlyRun/test806.py

M /issm/trunk-jpl/test/NightlyRun/test807.py

Export determination: 6.

Rationale: BUG: fixed calvinglevermann with spc levelset

Change #63 with diff file ISSM-19168-19169.diff:

Function name:

M /issm/trunk-jpl/configs/config-win64.sh M /issm/trunk-jpl/m4/issm_options.m4

M /issm/trunk-jpl/src/c/toolkits/mpi/issmmmpi.h M /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscMat.cpp

Export determination: 6.

Rationale: CHG: config-win64.sh uses the correct vendor option MSVC-Win64

CHG: Changed ISSM options to account for Petsc builds newer than 3.3 that do not include their own Metis installation. Added new macro for Petsc provided

MPI. CHG: 'issmmmpi.h' now include 'petsc.h' when Petsc provides it. CHG:

'PetscMat.cpp' adds logic to use sequential version of Petsc preallocation instead of MPI. Only activates if Petsc provided MPI is used.

Change #64 with diff file ISSM-19169-19170.diff:

Function name:

M /issm/trunk-jpl/jenkins/windows

Export determination: 6.

Rationale: CHG: Updated Windows build to use Petsc 3.5.

Change #65 with diff file ISSM-19170-19171.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Moved array for sequential build from heap to stack.

Change #66 with diff file ISSM-19172-19173.diff:

Function name:

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

jpl/src/c/analyses/MasstransportAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/ThermalAnalysis.cpp

M /issm/trunk-jpl/src/c/classes/Elements/Element.h M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp
 M /issm/trunk-jpl/src/c/classes/Elements/Penta.h M /issm/trunk-jpl/src/c/classes/Elements/Seg.h
 M /issm/trunk-jpl/src/c/classes/Elements/Tetra.h M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp
 M /issm/trunk-jpl/src/c/classes/Elements/Tria.h M /issm/trunk-jpl/src/c/classes/Materials/Matpar.cpp
 M /issm/trunk-jpl/src/c/classes/Materials/Matpar.h M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Cre
 M /issm/trunk-jpl/src/c/modules/SurfaceMassBalance/SurfaceMassBalance.cpp
 M /issm/trunk-jpl/src/c/modules/SurfaceMassBalance/SurfaceMassBalance.h
 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/shared/Enum/EnumDefinitions.h
 M /issm/trunk-jpl/src/c/shared/Enum/EnumToString.cpp M /issm/trunk-jpl/src/c/shared/Enum/StringTo
 M /issm/trunk-jpl/src/m/classes/SMBpdd.m M /issm/trunk-jpl/src/m/classes/clusters/acenet.m
 M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py
 Export determination: 6.
 Rationale: new method to interpolate present day temp and prec from delta
 O18

Change #67 with diff file ISSM-19173-19174.diff:

Function name:

A /issm/trunk-jpl/src/c/shared/Elements/ComputeD18OTemperaturePrecipitationFromPD.cpp
 A /issm/trunk-jpl/src/m/enum/SurfaceforcingsDpermilEnum.m A /issm/trunk-
 jpl/src/m/enum/SurfaceforcingsIsd18opdEnum.m A /issm/trunk-jpl/test/NightlyRun/test2361.m
 Export determination: 6.

Rationale: a few more files for the new delta O18 interpolation method

Change #68 with diff file ISSM-19174-19175.diff:

Function name:

A /issm/trunk-jpl/test/Archives/Archive240.nc D /issm/trunk-jpl/test/NightlyRun/test2361.m
 A /issm/trunk-jpl/test/NightlyRun/test240.m
 Export determination: 6.

Rationale: nightly run archive for new interpolation method with delta O18 and present day temp and precip

Change #69 with diff file ISSM-19175-19176.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive240.nc M /issm/trunk-jpl/test/NightlyRun/test240.m
 Export determination: 6.

Rationale: update nightly run for new deltaO18 method

Change #70 with diff file ISSM-19176-19177.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/ThermalAnalysis.cpp
Export determination: 6.
Rationale: BUG: do not create dynamic constraints by default

Change #71 with diff file ISSM-19177-19178.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Materials/Matpar.cpp M /issm/trunk-jpl/src/m/classes/clusters/acenet.m
Export determination: 6.
Rationale: minor bug fixed for new delta O18 method

Change #72 with diff file ISSM-19178-19179.diff:
Function name:
M /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscMat.cpp
Export determination: 6.
Rationale: CHG: Moved array back to heap, as Microsofts compiler CL does not support dynamic size arrays.

Change #73 with diff file ISSM-19179-19180.diff:
Function name:
M /issm/trunk-jpl/src/m/Makefile.am
Export determination: 6.
Rationale: CHG: Changed relative paths to absolute paths in Makefile.am of scripts.

Change #74 with diff file ISSM-19180-19181.diff:
Function name:
M /issm/trunk-jpl/src/m/mesh/rifts/meshprocessrifts.m
Export determination: 6.
Rationale: CHG: added 3d surface case.

Change #75 with diff file ISSM-19181-19182.diff:

Function name:
M /issm/trunk-jpl/externalpackages/gmsh
Export determination: 6.
Rationale: CHG: choose to ignore some files.

Change #76 with diff file ISSM-19182-19183.diff:

Function name:
M /issm/trunk-jpl/externalpackages/fti
Export determination: 6.
Rationale: CHG: get svn to ignore some files.

Change #77 with diff file ISSM-19183-19184.diff:

Function name:
M /issm/trunk-jpl/src/m/shp/shpread.m
Export determination: 6.
Rationale: CHG: added processing of Line

Change #78 with diff file ISSM-19184-19185.diff:

Function name:
M /issm/trunk-jpl/src/c/classes/Materials/Matpar.cpp M /issm/trunk-jpl/src/m/classes/clusters/acenet.m
D /issm/trunk-jpl/test/Archives/Archive240.nc D /issm/trunk-jpl/test/NightlyRun/test240.m
Export determination: 6.
Rationale: temporally removing NR 240. new delta O18 interpolation method

Change #79 with diff file ISSM-19185-19186.diff:

Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: BUG: Fixed issue with unset VENDOR variable in m4/issm_options.m4

Change #80 with diff file ISSM-19186-19187.diff:

Function name:
M /issm/trunk-jpl/test/NightlyRun/test318.m M /issm/trunk-jpl/test/NightlyRun/test515.m

Export determination: 6.
Rationale: CHG: Relaxed tolerances of matlab tests 318 and 515 to correct failures in Windows build.

Change #81 with diff file ISSM-19187-19188.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test318.py M /issm/trunk-jpl/test/NightlyRun/test515.py
Export determination: 6.
Rationale: CHG: Relaxed tolerances of Python tests 318 and 515 to synchronize with Matlab tests.

Change #82 with diff file ISSM-19188-19189.diff:
Function name:
M /issm/trunk-jpl/jenkins/windows
Export determination: 6.
Rationale: CHG: Added test 513 to the exclude list from Windows Jenkins build.

Change #83 with diff file ISSM-19189-19190.diff:
Function name:
M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_hydro_nonlinear.cpp
Export determination: 6.
Rationale: CHG: change workflow for hydro

Change #84 with diff file ISSM-19190-19191.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/SMBpdd.py
Export determination: 6.
Rationale: CHG: temporary change for python isd18opm

Change #85 with diff file ISSM-19191-19192.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/cores/ProcessArguments.cpp M /issm/trunk-jpl/src/c/cores/cores.h
M /issm/trunk-jpl/src/c/cores/transient_core.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Create
M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt
M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/classes/settings.m
M /issm/trunk-jpl/src/m/classes/settings.py M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py
A /issm/trunk-jpl/src/m/enum/RestartFileNameEnum.m A /issm/trunk-jpl/src/m/enum/SettingsRestartFre
Export determination: 6.
Rationale: CHG: introducing checkpointing capability. Right now, just empty
shell, getting thematlab and python apis to accept restart_frequency settings.

Change #86 with diff file ISSM-19192-19193.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: shielding case where restart_frequency is 0, which segfaults
the "

Change #87 with diff file ISSM-19193-19194.diff:

Function name:

M /issm/trunk-jpl/src/c/cores/controlm1qn3_core.cpp

Export determination: 6.

Rationale: BUG: fixed final J as output

Change #88 with diff file ISSM-19194-19195.diff:

Function name:

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

Export determination: 6.

Rationale: BUG:adding friction effectivepressure in Isinput

Change #89 with diff file ISSM-19195-19196.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: adding check on friction hydro class

Change #90 with diff file ISSM-19196-19197.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: fixing file removal

Change #91 with diff file ISSM-19197-19198.diff:

Function name:

M /issm/trunk-jpl/src/m/contrib/paraview/enveloppeVTK.m M /issm/trunk-jpl/src/m/contrib/paraview/exportVTK.m

Export determination: 6.

Rationale: NEW: adding support for forcings

Change #92 with diff file ISSM-19198-19199.diff:

Function name:

M /issm/trunk-jpl/src/c/bamg/BamgQuadtree.h M /issm/trunk-jpl/src/c/classes/Constraints/SpcDynamic.h
M /issm/trunk-jpl/src/c/classes/Constraints/SpcStatic.h M /issm/trunk-jpl/src/c/classes/Constraints/SpcTra
M /issm/trunk-jpl/src/c/classes/Contour.h M /issm/trunk-jpl/src/c/classes/DependentObject.h
M /issm/trunk-jpl/src/c/classes/Elements/Element.h M /issm/trunk-jpl/src/c/classes/ExternalResults/Gener
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/IndependentObject.h M /issm/trunk-jpl/src/c/classes/Inputs/BoolInput.h
M /issm/trunk-jpl/src/c/classes/Inputs/ControlInput.h M /issm/trunk-jpl/src/c/classes/Inputs/DatasetInput
M /issm/trunk-jpl/src/c/classes/Inputs/DoubleInput.h M /issm/trunk-jpl/src/c/classes/Inputs/IntInput.h
M /issm/trunk-jpl/src/c/classes/Inputs/PentaInput.h M /issm/trunk-jpl/src/c/classes/Inputs/SegInput.h
M /issm/trunk-jpl/src/c/classes/Inputs/TetraInput.h M /issm/trunk-jpl/src/c/classes/Inputs/TransientInput.
M /issm/trunk-jpl/src/c/classes/Inputs/TriaInput.h M /issm/trunk-jpl/src/c/classes/Loads/Loads.cpp
M /issm/trunk-jpl/src/c/classes/Loads/Numericalflux.h M /issm/trunk-jpl/src/c/classes/Loads/Pengrid.h
M /issm/trunk-jpl/src/c/classes/Loads/Penpair.h M /issm/trunk-jpl/src/c/classes/Loads/Riftfront.h
M /issm/trunk-jpl/src/c/classes/Masscon.h M /issm/trunk-jpl/src/c/classes/Massconaxpby.h
M /issm/trunk-jpl/src/c/classes/Massfluxatgate.h M /issm/trunk-jpl/src/c/classes/Materials/Matrice.h
M /issm/trunk-jpl/src/c/classes/Materials/Matpar.h M /issm/trunk-jpl/src/c/classes/Misfit.h
M /issm/trunk-jpl/src/c/classes/Node.h M /issm/trunk-jpl/src/c/classes/Nodes.cpp
M /issm/trunk-jpl/src/c/classes/Options/Option.h M /issm/trunk-jpl/src/c/classes/Params/BoolParam.h
M /issm/trunk-jpl/src/c/classes/Params/DataSetParam.h M /issm/trunk-jpl/src/c/classes/Params/DoubleM
M /issm/trunk-jpl/src/c/classes/Params/DoubleMatParam.h M /issm/trunk-jpl/src/c/classes/Params/DoubleParam.h
M /issm/trunk-jpl/src/c/classes/Params/DoubleVecParam.h
M /issm/trunk-jpl/src/c/classes/Params/FileParam.h M /issm/trunk-jpl/src/c/classes/Params/GenericParam
M /issm/trunk-jpl/src/c/classes/Params/IntMatParam.h M /issm/trunk-jpl/src/c/classes/Params/IntParam.h
M /issm/trunk-jpl/src/c/classes/Params/IntVecParam.h M /issm/trunk-jpl/src/c/classes/Params/MatrixPara
M /issm/trunk-jpl/src/c/classes/Params/StringArrayParam.h M /issm/trunk-

jpl/src/c/classes/Params/StringParam.h M /issm/trunk-jpl/src/c/classes/Params/TransientParam.h
M /issm/trunk-jpl/src/c/classes/Params/VectorParam.h M /issm/trunk-jpl/src/c/classes/Profiler.h
M /issm/trunk-jpl/src/c/classes/Segment.h M /issm/trunk-jpl/src/c/classes/Vertex.h
M /issm/trunk-jpl/src/c/classes/kriging/ExponentialVariogram.h M /issm/trunk-jpl/src/c/classes/kriging/GaussianVariogram.h M /issm/trunk-jpl/src/c/classes/kriging/PowerVariogram.h M /issm/trunk-jpl/src/c/classes/kriging/Quadtrees.h M /issm/trunk-jpl/src/c/classes/kriging/SphericalVariogram.h M /issm/trunk-jpl/src/c/datastructures/DataSet.cpp M /issm/trunk-jpl/src/c/datastructures/DataSet.h M /issm/trunk-jpl/src/c/datastructures/Object.h M /issm/trunk-jpl/src/c/modules/MeshProfileIntersectionx.h M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt.h M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp A /issm/trunk-jpl/src/c/shared/io/MarshallingA /issm/trunk-jpl/src/c/shared/io/Marshalling/Marshalling.h M /issm/trunk-jpl/src/c/shared/io/io.h M /issm/trunk-jpl/src/c/toolkits/issm/Bucket.h M /issm/trunk-jpl/src/m/dev/devpath.m M /issm/trunk-jpl/src/m/dev/devpath.py A /issm/trunk-jpl/src/m/enum/DataSetEnum.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/FemModelEnum.m M /issm/trunk-jpl/src/m/mesh/bamg.m
Export determination: 6.
Rationale: CHG: re-introducing Marshalling routines in support of check pointing. Implemented the dataset backbone, and the FemModel backbone. Now we have to bring back the low level drivers for the classes.

Change #93 with diff file ISSM-19199-19200.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/DofIndexing.cpp M /issm/trunk-jpl/src/c/classes/DofIndexing.h
M /issm/trunk-jpl/src/c/classes/Node.cpp M /issm/trunk-jpl/src/c/classes/Node.h
M /issm/trunk-jpl/src/c/classes/Vertex.cpp M /issm/trunk-jpl/src/c/classes/Vertex.h
Export determination: 6.

Rationale: CHG: implemented marshalling of Vertex, Node and DofIndexing.

Change #94 with diff file ISSM-19200-19201.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/MasstransportAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/ThermalAnalysis.cpp M /issm/trunk-jpl/src/c/classes/Materials/Matpar.cpp
M /issm/trunk-jpl/src/c/cores/transient_core.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateModel.h M /issm/trunk-jpl/src/c/modules/SurfaceMassBalance/SurfaceMassBalance.cpp
M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt.h M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp A /issm/trunk-jpl/src/m/classes/SMBd18opdd.m M /issm/trunk-jpl/src/m/classes/SMBpdd.m M /issm/trunk-jpl/src/m/classes/SMBpdd.py
M /issm/trunk-jpl/src/m/classes/clusters/acenet.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py
A /issm/trunk-jpl/src/m/enum/SMBd18opddEnum.m A /issm/trunk-jpl/test/Archives/Archive240.nc

A /issm/trunk-jpl/test/NightlyRun/test240.m
Export determination: 6.
Rationale: new class for d18o interpolation for pdd

Change #95 with diff file ISSM-19201-19202.diff:

Function name:

M /issm/trunk-jpl/src/c/kml/KML_Attribute.h M /issm/trunk-jpl/src/c/kml/KML_ColorStyle.h
M /issm/trunk-jpl/src/c/kml/KML_Comment.h M /issm/trunk-jpl/src/c/kml/KML_Container.h
M /issm/trunk-jpl/src/c/kml/KML_Document.h M /issm/trunk-jpl/src/c/kml/KML_Feature.h
M /issm/trunk-jpl/src/c/kml/KML_File.h M /issm/trunk-jpl/src/c/kml/KML_Folder.h
M /issm/trunk-jpl/src/c/kml/KML_Geometry.h M /issm/trunk-jpl/src/c/kml/KML_GroundOverlay.h
M /issm/trunk-jpl/src/c/kml/KML_Icon.h M /issm/trunk-jpl/src/c/kml/KML_LatLonBox.h
M /issm/trunk-jpl/src/c/kml/KML_LineString.h M /issm/trunk-jpl/src/c/kml/KML_LineStyle.h
M /issm/trunk-jpl/src/c/kml/KML_LinearRing.h M /issm/trunk-jpl/src/c/kml/KML_MultiGeometry.h
M /issm/trunk-jpl/src/c/kml/KML_Object.h M /issm/trunk-jpl/src/c/kml/KML_Overlay.h
M /issm/trunk-jpl/src/c/kml/KML_Placemark.h M /issm/trunk-jpl/src/c/kml/KML_Point.h
M /issm/trunk-jpl/src/c/kml/KML_PolyStyle.h M /issm/trunk-jpl/src/c/kml/KML_Polygon.h
M /issm/trunk-jpl/src/c/kml/KML_Style.h M /issm/trunk-jpl/src/c/kml/KML_StyleSelector.h
M /issm/trunk-jpl/src/c/kml/KML_SubStyle.h M /issm/trunk-jpl/src/c/kml/KML_Unknown.h

Export determination: 6.

Rationale: CHG: forgot to add the Marshall routine.

Change #96 with diff file ISSM-19202-19203.diff:

Function name:

M /issm/trunk-jpl/src/m/dev/devpath.m

Export determination: 6.

Rationale: BUG: libs are in libs

Change #97 with diff file ISSM-19203-19204.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_BC.m M /issm/trunk-jpl/src/m/plot/plot_icefront.m

Export determination: 6.

Rationale: CHG: fixed plot_BC on new version of matlab

Change #98 with diff file ISSM-19204-19205.diff:

Function name:
M /issm/trunk-jpl/src/m/exp/exptool.m
Export determination: 6.
Rationale: BUG: fixed bug on some macs due to getframe that introduces an offset in the axis. Fix is to use 'nofigurecopy' option

Change #99 with diff file ISSM-19205-19206.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/clusters/generic.m
Export determination: 6.
Rationale: CHG: fixed etcpath disp

Change #100 with diff file ISSM-19206-19207.diff:
Function name:
M /issm/trunk-jpl/test/Archives/Archive240.nc
Export determination: 6.
Rationale: CHG updated archive

Change #101 with diff file ISSM-19207-19208.diff:
Function name:
M /issm/trunk-jpl/src/c/cores/ProcessArguments.cpp
Export determination: 6.
Rationale: CHG: Explicitly cast int to double to fix ambiguity issue on Windows build.

Change #102 with diff file ISSM-19208-19209.diff:
Function name:
M /issm/trunk-jpl/jenkins/jenkins.sh
Export determination: 6.
Rationale: CHG: Temporary change to force SVN version.

Change #103 with diff file ISSM-19209-19210.diff:
Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh
Export determination: 6.
Rationale: CHG: Second attempt at forcing older svn version.

Change #104 with diff file ISSM-19210-19211.diff:
Function name:
M /issm/trunk-jpl/jenkins/jenkins.sh
Export determination: 6.
Rationale: CHG: Third attempt at forcing older svn version.

Change #105 with diff file ISSM-19211-19212.diff:
Function name:
M /issm/trunk-jpl/jenkins/jenkins.sh
Export determination: 6.
Rationale: CHG: Fourth attempt at forcing older svn version.

Change #106 with diff file ISSM-19212-19213.diff:
Function name:
M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am
Export determination: 6.
Rationale: CHG: Added METISLIB to deps for Windows build to deal with missing METIS symbol.

Change #107 with diff file ISSM-19213-19214.diff:
Function name:
M /issm/trunk-jpl/jenkins/jenkins.sh M /issm/trunk-jpl/jenkins/linux64_murdo
Export determination: 6.
Rationale: CHG: Modified Jenkins Murdo script to specify version of SVN to use
CHG: Added print statements to make sure SVN variable is preserved. More changes coming to finalize SVN issue on Murdo.

Change #108 with diff file ISSM-19214-19215.diff:
Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh M /issm/trunk-jpl/jenkins/linux64_murdo
Export determination: 6.
Rationale: CHG: Jenkins script now checks for and uses SVN and SVNVER-
SION variables. CHG: Jenkins Murdo script sets SVN and SNVERSION vari-
ables.

Change #109 with diff file ISSM-19215-19216.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp M /issm/trunk-jpl/src/c/classes/Elements/Element.h
M /issm/trunk-jpl/src/c/classes/Elements/ElementHook.cpp M /issm/trunk-
jpl/src/c/classes/Elements/ElementHook.h M /issm/trunk-jpl/src/c/classes/Elements/Penta.h
M /issm/trunk-jpl/src/c/classes/Elements/Seg.h M /issm/trunk-jpl/src/c/classes/Elements/Tetra.h
M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.h
M /issm/trunk-jpl/src/c/classes/Elements/TriaRef.h 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/Hook.h
M /issm/trunk-jpl/src/c/classes/Params/DoubleParam.cpp M /issm/trunk-jpl/src/c/classes/Params/DoubleP
M /issm/trunk-jpl/src/c/classes/Params/IntParam.cpp M /issm/trunk-jpl/src/c/classes/Params/IntParam.h
M /issm/trunk-jpl/src/c/classes/Profiler.cpp M /issm/trunk-jpl/src/c/classes/Profiler.h
M /issm/trunk-jpl/src/c/datastructures/DataSet.cpp M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions
M /issm/trunk-jpl/src/c/shared/Enum/EnumToStringx.cpp M /issm/trunk-jpl/src/c/shared/Enum/StringTo
M /issm/trunk-jpl/src/c/shared/io/Marshalling/Marshalling.h A /issm/trunk-
jpl/src/m/enum/ElementHookEnum.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py
A /issm/trunk-jpl/src/m/enum/HookEnum.m

Export determination: 6.

Rationale: CHG: going deeper in the low level objects to propagate the new
MARSHALL capability.

Change #110 with diff file ISSM-19216-19217.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Constraints/SpcStatic.cpp M /issm/trunk-jpl/src/c/classes/Constraints/SpcS
M /issm/trunk-jpl/src/c/classes/Elements/TriaRef.h M /issm/trunk-jpl/src/c/classes/Materials/Matrice.cpp
M /issm/trunk-jpl/src/c/classes/Materials/Matrice.h M /issm/trunk-jpl/src/c/classes/Materials/Matpar.cpp
M /issm/trunk-jpl/src/c/classes/Materials/Matpar.h M /issm/trunk-jpl/src/c/classes/Params/BoolParam.cpp
M /issm/trunk-jpl/src/c/classes/Params/BoolParam.h

Export determination: 6.

Rationale: CHG: further pushing Marshall capability into low level drivers.

Change #111 with diff file ISSM-19217-19218.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Params/DataSetParam.cpp M /issm/trunk-jpl/src/c/classes/Params/DataSetParam.h
M /issm/trunk-jpl/src/c/classes/Params/DoubleMatParam.cpp M /issm/trunk-jpl/src/c/classes/Params/DoubleMatParam.h
M /issm/trunk-jpl/src/c/classes/Params/DoubleVecParam.cpp M /issm/trunk-jpl/src/c/classes/Params/DoubleVecParam.h
M /issm/trunk-jpl/src/c/classes/Params/StringArrayParam.cpp M /issm/trunk-jpl/src/c/classes/Params/StringArrayParam.h

Export determination: 6.

Rationale: CHG: pushing Marshall routines into low level objects

Change #112 with diff file ISSM-19218-19219.diff:

Function name:

A /issm/trunk-jpl/src/m/miscellaneous/transientrestart.m

Export determination: 6.

Rationale: NEW: added transientrestart to restart transient run

Change #113 with diff file ISSM-19219-19220.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/io/Marshalling/Marshalling.h

Export determination: 6.

Rationale: CHG: fixing a potential segfault occurence when the marshalled dynamic array is actually a NULL pointer.

Change #114 with diff file ISSM-19220-19221.diff:

Function name:

M /issm/trunk-jpl/src/c/datastructures/DataSet.cpp

Export determination: 6.

Rationale: CHG: staying away from switch statements, which go erratic when providing them with enums that are very large.

Change #115 with diff file ISSM-19221-19222.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/io/Disk/diskio.h M /issm/trunk-jpl/src/c/shared/io/Disk/pfopen.cpp

Export determination: 6.

Rationale: CHG: adding capability to test for presence of a file, instead of erroring out instantly on open.

Change #116 with diff file ISSM-19222-19223.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Params/DoubleMatArrayParam.cpp M /issm/trunk-jpl/src/c/classes/Params/DoubleMatArrayParam.h M /issm/trunk-jpl/src/c/classes/Params/FileParam.cpp M /issm/trunk-jpl/src/c/classes/Params/FileParam.h M /issm/trunk-jpl/src/c/classes/Params/IntMatParam.h M /issm/trunk-jpl/src/c/classes/Params/IntMatParam.cpp M /issm/trunk-jpl/src/c/classes/Params/IntVecParam.h M /issm/trunk-jpl/src/c/classes/Params/IntVecParam.cpp M /issm/trunk-jpl/src/c/classes/Params/StringParam.h M /issm/trunk-jpl/src/c/classes/Params/StringParam.cpp

Export determination: 6.

Rationale: CHG: implementing Marshall capability for all Params objects.

Change #117 with diff file ISSM-19223-19224.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: hooking up Marshalling capability into the FemModel new Restart routine.

Change #118 with diff file ISSM-19224-19225.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: hooking up the Restart capability into the transient core.

Change #119 with diff file ISSM-19225-19226.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Elements/ComputeD18OTemperaturePrecipitationFromPD.cpp

Export determination: 6.

Rationale: BUG: Garbage was being added to monthlytemperatures

Change #120 with diff file ISSM-19226-19227.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive236.nc M /issm/trunk-jpl/test/Archives/Archive240.nc
M /issm/trunk-jpl/test/Data/delta18o.data
Export determination: 6.
Rationale: CHG: make units of del18 record in permil and update archives for
236 and 240

Change #121 with diff file ISSM-19227-19228.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/SMBd18opdd.m M /issm/trunk-jpl/src/m/classes/SMBpdd.m
Export determination: 6.
Rationale: CHG: add comment for del18 units

Change #122 with diff file ISSM-19228-19229.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/SMBpdd.py
Export determination: 6.
Rationale: CHG: add del18 units into python

Change #123 with diff file ISSM-19229-19230.diff:
Function name:
M /issm/trunk-jpl/test/Archives/Archive236.nc
Export determination: 6.
Rationale: BUG: local change in thermal model causes archive difference

Change #124 with diff file ISSM-19230-19231.diff:
Function name:
M /issm/trunk-jpl/externalpackages/esmf/install.sh
Export determination: 6.
Rationale: CHG: new install for new version.

Change #125 with diff file ISSM-19231-19232.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4

Export determination: 6.
Rationale: CHG: new esmf hookup.

Change #126 with diff file ISSM-19232-19233.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/StressbalanceSIAAnalysis.cpp
Export determination: 6.
Rationale: CHG: added friction 5 for Kevin (Weertman like SIA)

Change #127 with diff file ISSM-19233-19234.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/StressbalanceSIAAnalysis.cpp
Export determination: 6.
Rationale: NEW: added weertman like friction law for SIA (Kevin)

Change #128 with diff file ISSM-19234-19235.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/StressbalanceSIAAnalysis.cpp
Export determination: 6.
Rationale: BUG: do not get coefficient by default

Change #129 with diff file ISSM-19235-19236.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/StressbalanceSIAAnalysis.cpp
Export determination: 6.
Rationale: BUG: do not get coefficient by default

Change #130 with diff file ISSM-19236-19237.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Params/TransientParam.cpp M /issm/trunk-jpl/src/c/classes/Params/TransientParam.h M /issm/trunk-jpl/src/c/modules/ModelProcessox/CreateParam
M /issm/trunk-jpl/src/c/modules/SurfaceMassBalance/SurfaceMassBalance.cpp
Export determination: 6.

Rationale: CHG: allow removal of interpolation routine from TransientParam

Change #131 with diff file ISSM-19237-19238.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp M /issm/trunk-jpl/src/c/classes/Elements/Element.h
M /issm/trunk-jpl/src/c/classes/Elements/ElementHook.cpp M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/Elements/Penta.h
M /issm/trunk-jpl/src/c/classes/Elements/Seg.h M /issm/trunk-jpl/src/c/classes/Elements/Tetra.h
M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.h

Export determination: 6.

Rationale: CHG: Allow pdd to run on temporal step finer than 1 year and move

Pdd functions to Element

Change #132 with diff file ISSM-19238-19239.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: reset hooks when demarshalling

Change #133 with diff file ISSM-19239-19240.diff:

Function name:

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

M /issm/trunk-jpl/src/c/datastructures/DataSet.cpp M /issm/trunk-jpl/src/c/shared/io/Marshalling/Marshalling.h

Export determination: 6.

Rationale: CHG: The constructor creates new Profiler variables

Change #134 with diff file ISSM-19240-19241.diff:

Function name:

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

M /issm/trunk-jpl/src/c/shared/io/Marshalling/Marshalling.h

Export determination: 6.

Rationale: CHG: revert some file for marshalling

Change #135 with diff file ISSM-19241-19242.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: extrude correct PDD output

Change #136 with diff file ISSM-19242-19243.diff:

Function name:

M /issm/trunk-jpl/scripts/ol.m

Export determination: 6.

Rationale: CHG: minor change in script

Change #137 with diff file ISSM-19243-19244.diff:

Function name:

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

M /issm/trunk-jpl/test/Archives/Archive238.nc M /issm/trunk-jpl/test/Archives/Archive239.nc

M /issm/trunk-jpl/test/Archives/Archive240.nc A /issm/trunk-jpl/test/Archives/Archive241.nc

A /issm/trunk-jpl/test/Archives/Archive242.nc M /issm/trunk-jpl/test/NightlyRun/test236.m

M /issm/trunk-jpl/test/NightlyRun/test237.m M /issm/trunk-jpl/test/NightlyRun/test238.m

M /issm/trunk-jpl/test/NightlyRun/test239.m M /issm/trunk-jpl/test/NightlyRun/test240.m

A /issm/trunk-jpl/test/NightlyRun/test241.m A /issm/trunk-jpl/test/NightlyRun/test242.m

Export determination: 6.

Rationale: CHG: fix pdd tests so that field names match fields tested, add removal of del18o interpolation tests

Change #138 with diff file ISSM-19244-19245.diff:

Function name:

D /issm/trunk-jpl/src/m/mesh/planet/mesh_refine_tri4.m D /issm/trunk-jpl/src/m/mesh/planet/planettrimesh.m

D /issm/trunk-jpl/src/m/mesh/planet/sphere_project.m D /issm/trunk-jpl/src/m/mesh/planet/sphere_tri.m

A /issm/trunk-jpl/src/m/mesh/planet/spheretri A /issm/trunk-jpl/src/m/mesh/planet/spheretri/mesh_refine

(from /issm/trunk-jpl/src/m/mesh/planet/mesh_refine_tri4.m:19231) A /issm/trunk-jpl/src/m/mesh/planet/spheretri/planettrimesh.m

(from /issm/trunk-jpl/src/m/mesh/planet/planettrimesh.m:19231) A /issm/trunk-jpl/src/m/mesh/planet/spheretri/sphere_project.m

(from /issm/trunk-jpl/src/m/mesh/planet/spheretri/sphere_project.m:19231) A /issm/trunk-jpl/src/m/mesh/planet/spheretri/sphere_tri.m

(from /issm/trunk-jpl/src/m/mesh/planet/sphere_tri.m:19231)

Export determination: 6.

Rationale: CHG: reorg.

Change #139 with diff file ISSM-19245-19246.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: reorg

Change #140 with diff file ISSM-19246-19247.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test236.py M /issm/trunk-jpl/test/NightlyRun/test237.py

D /issm/trunk-jpl/test/NightlyRun/test238.py D /issm/trunk-jpl/test/NightlyRun/test239.py

A /issm/trunk-jpl/test/NightlyRun/test241.py (from /issm/trunk-jpl/test/NightlyRun/test238.py:19245)

A /issm/trunk-jpl/test/NightlyRun/test242.py (from /issm/trunk-jpl/test/NightlyRun/test239.py:19245)

Export determination: 6.

Rationale: CHG: update transient interp and pdd python tests

Change #141 with diff file ISSM-19247-19248.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test238.m

Export determination: 6.

Rationale: CHG: minor

Change #142 with diff file ISSM-19248-19249.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/SMBd18opdd.m A /issm/trunk-jpl/src/m/classes/SMBd18opdd.py

Export determination: 6.

Rationale: CHG: new pdd class in python

Change #143 with diff file ISSM-19249-19250.diff:

Function name:

A /issm/trunk-jpl/test/NightlyRun/test238.py A /issm/trunk-jpl/test/NightlyRun/test239.py

A /issm/trunk-jpl/test/NightlyRun/test240.py

Export determination: 6.

Rationale: CHG: add new pdd tests for python

Change #144 with diff file ISSM-19250-19251.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test236.py M /issm/trunk-jpl/test/NightlyRun/test238.py

M /issm/trunk-jpl/test/NightlyRun/test239.py M /issm/trunk-jpl/test/NightlyRun/test240.py

Export determination: 6.

Rationale: BUG: used wrong brackets

Change #145 with diff file ISSM-19251-19252.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: add gmsh to environment.

Change #146 with diff file ISSM-19252-19253.diff:

Function name:

A /issm/trunk-jpl/src/m/coordsystems/gmtmask.m A /issm/trunk-jpl/src/m/mesh/planet/gmsh

A /issm/trunk-jpl/src/m/mesh/planet/gmsh/gmshplanet.m

Export determination: 6.

Rationale: CHG: new gmshplanet meshers for the planet. Also new gmt implementation of a mask determination on the planet.

Change #147 with diff file ISSM-19253-19254.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test236.py M /issm/trunk-jpl/test/NightlyRun/test238.py

M /issm/trunk-jpl/test/NightlyRun/test239.py M /issm/trunk-jpl/test/NightlyRun/test240.py

Export determination: 6.

Rationale: BUG: missing bracket in field list

Change #148 with diff file ISSM-19254-19255.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Constraints/SpcDynamic.cpp M /issm/trunk-jpl/src/c/classes/Constraints/SpcDynamic.h M /issm/trunk-jpl/src/c/classes/Constraints/SpcStatic.cpp

M /issm/trunk-jpl/src/c/classes/Constraints/SpcTransient.cpp M /issm/trunk-jpl/src/c/classes/Constraints/SpcTransient.h M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp

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

jpl/src/c/classes/Elements/Penta.cpp M /issm/trunk-jpl/src/c/classes/Elements/Penta.h
 M /issm/trunk-jpl/src/c/classes/Elements/PentaRef.h M /issm/trunk-jpl/src/c/classes/Elements/Seg.cpp
 M /issm/trunk-jpl/src/c/classes/Elements/Seg.h M /issm/trunk-jpl/src/c/classes/Elements/SegRef.h
 M /issm/trunk-jpl/src/c/classes/Elements/Tetra.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tetra.h
 M /issm/trunk-jpl/src/c/classes/Elements/TetraRef.h M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp
 M /issm/trunk-jpl/src/c/classes/FemModel.cpp M /issm/trunk-jpl/src/c/classes/Hook.cpp
 M /issm/trunk-jpl/src/c/classes/Inputs/BoolInput.cpp M /issm/trunk-jpl/src/c/classes/Inputs/BoolInput.h
 M /issm/trunk-jpl/src/c/classes/Inputs/ControlInput.cpp M /issm/trunk-jpl/src/c/classes/Inputs/ControlInput.h
 M /issm/trunk-jpl/src/c/classes/Inputs/DatasetInput.cpp M /issm/trunk-jpl/src/c/classes/Inputs/DatasetInput.h
 M /issm/trunk-jpl/src/c/classes/Inputs/DoubleInput.cpp M /issm/trunk-jpl/src/c/classes/Inputs/DoubleInput.h
 M /issm/trunk-jpl/src/c/classes/Inputs/IntInput.cpp M /issm/trunk-jpl/src/c/classes/Inputs/IntInput.h
 M /issm/trunk-jpl/src/c/classes/Inputs/PentaInput.cpp M /issm/trunk-jpl/src/c/classes/Inputs/PentaInput.h
 M /issm/trunk-jpl/src/c/classes/Inputs/SegInput.cpp M /issm/trunk-jpl/src/c/classes/Inputs/SegInput.h
 M /issm/trunk-jpl/src/c/classes/Inputs/TetraInput.cpp M /issm/trunk-jpl/src/c/classes/Inputs/TetraInput.h
 M /issm/trunk-jpl/src/c/classes/Inputs/TransientInput.cpp M /issm/trunk-jpl/src/c/classes/Inputs/TransientInput.h
 M /issm/trunk-jpl/src/c/classes/Inputs/TriaInput.cpp M /issm/trunk-jpl/src/c/classes/Inputs/TriaInput.h
 M /issm/trunk-jpl/src/c/classes/Loads/Numericalflux.cpp M /issm/trunk-jpl/src/c/classes/Loads/Numericalflux.h
 M /issm/trunk-jpl/src/c/classes/Loads/Pengrid.cpp M /issm/trunk-jpl/src/c/classes/Loads/Pengrid.h
 M /issm/trunk-jpl/src/c/classes/Loads/Penpair.cpp M /issm/trunk-jpl/src/c/classes/Loads/Penpair.h
 M /issm/trunk-jpl/src/c/classes/Loads/Riftfront.cpp M /issm/trunk-jpl/src/c/classes/Loads/Riftfront.h
 M /issm/trunk-jpl/src/c/classes/Materials/Matrice.cpp M /issm/trunk-jpl/src/c/classes/Params/BoolParam.cpp
 M /issm/trunk-jpl/src/c/classes/Params/DoubleMatArrayParam.cpp M /issm/trunk-jpl/src/c/classes/Params/DoubleVecParam.cpp
 M /issm/trunk-jpl/src/c/classes/Params/FileParam.cpp M /issm/trunk-jpl/src/c/classes/Params/IntMatParam.cpp
 M /issm/trunk-jpl/src/c/classes/Params/IntParam.cpp M /issm/trunk-jpl/src/c/classes/Params/IntVecParam.cpp
 M /issm/trunk-jpl/src/c/classes/Params/MatrixParam.cpp M /issm/trunk-jpl/src/c/classes/Params/Paramet.cpp
 M /issm/trunk-jpl/src/c/classes/Params/StringArrayParam.cpp M /issm/trunk-jpl/src/c/classes/Params/StringParam.cpp
 M /issm/trunk-jpl/src/c/classes/Params/TransientParam.cpp M /issm/trunk-jpl/src/c/classes/Params/TransientParam.h
 M /issm/trunk-jpl/src/c/datastructures/DataSet.h
 M /issm/trunk-jpl/src/c/shared/io/Marshalling/Marshalling.h
 Export determination: 6.
 Rationale: CHG: complete implementation of Marshall in Objects

Change #149 with diff file ISSM-19255-19256.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: use the correct size of fset and sset

Change #150 with diff file ISSM-19256-19257.diff:

Function name:
M /issm/trunk-jpl/src/c/classes/Constraints/SpcTransient.cpp
Export determination: 6.
Rationale: BUG: marshall the correct enum

Change #151 with diff file ISSM-19257-19258.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/model.py
Export determination: 6.
Rationale: CHG: import new pdd in python

Change #152 with diff file ISSM-19258-19259.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Loads/Pengrid.cpp
Export determination: 6.
Rationale: CHG: revert copy of Pengrid

Change #153 with diff file ISSM-19259-19260.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/SMBd18opdd.py
Export determination: 6.
Rationale: CHG: change indentation

Change #154 with diff file ISSM-19260-19261.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/SMBd18opdd.py
Export determination: 6.
Rationale: BUG: fixed indentation

Change #155 with diff file ISSM-19261-19262.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/FemModel.cpp M /issm/trunk-jpl/src/c/classes/Params/FileParam.cpp
M /issm/trunk-jpl/src/c/datastructures/DataSet.cpp

Export determination: 6.
Rationale: CHG: clean up and reset file param for output file

Change #156 with diff file ISSM-19262-19263.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/SMBd18opdd.m M /issm/trunk-jpl/src/m/classes/SMBpdd.m

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

Export determination: 6.

Rationale: last line of pdd variables was not marshalled properly

Change #157 with diff file ISSM-19263-19264.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/SMBd18opdd.m M /issm/trunk-jpl/src/m/classes/SMBd18opdd.py

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

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

M /issm/trunk-jpl/test/Archives/Archive238.nc M /issm/trunk-jpl/test/Archives/Archive239.nc

M /issm/trunk-jpl/test/Archives/Archive240.nc

Export determination: 6.

Rationale: CHG: use timeserieslength in writedata instead of explicit conversion
using yts

Change #158 with diff file ISSM-19264-19265.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp M /issm/trunk-jpl/src/m/classes/SMBd18opdd.m

M /issm/trunk-jpl/src/m/classes/SMBd18opdd.py M /issm/trunk-jpl/src/m/classes/SMBpdd.m

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

Export determination: 6.

Rationale: CHG: update so all Pdd precipitations are stored in datasets as m/s

Change #159 with diff file ISSM-19265-19266.diff:

Function name:

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

M /issm/trunk-jpl/test/Archives/Archive238.nc M /issm/trunk-jpl/test/Archives/Archive239.nc

M /issm/trunk-jpl/test/Archives/Archive240.nc

Export determination: 6.

Rationale: CHG: update Archives to reflect correct units in delta018 forcing

Change #160 with diff file ISSM-19266-19267.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test238.py M /issm/trunk-jpl/test/NightlyRun/test239.py

M /issm/trunk-jpl/test/NightlyRun/test240.py

Export determination: 6.

Rationale: BUG: use presentday instead of lgm

Change #161 with diff file ISSM-19267-19268.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/StressbalanceVerticalAnalysis.cpp M /issm/trunk-

jpl/src/c/analyses/StressbalanceVerticalAnalysis.h

Export determination: 6.

Rationale: CHG: computing vertical velocities from the surface

Change #162 with diff file ISSM-19268-19269.diff:

Function name:

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

/issm/trunk-jpl/src/c/shared/Elements/ComputeMungsmTemperaturePrecipitation.cpp

Export determination: 6.

Rationale: CHG: remove the yts pdd conversion in create parameters

Change #163 with diff file ISSM-19269-19270.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive236.nc M /issm/trunk-jpl/test/Archives/Archive238.nc

M /issm/trunk-jpl/test/Archives/Archive239.nc

Export determination: 6.

Rationale: CHG: revert archives after removing model processor conversion with
yts

Change #164 with diff file ISSM-19270-19271.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test237.m M /issm/trunk-jpl/test/NightlyRun/test240.m
Export determination: 6.
Rationale: updating PDD nightly run 237 and 240

Change #165 with diff file ISSM-19271-19272.diff:
Function name:
M /issm/trunk-jpl/test/Archives/Archive237.nc
Export determination: 6.
Rationale: updating Archives of PDD nightly run 237 and 240

Change #166 with diff file ISSM-19272-19273.diff:
Function name:
M /issm/trunk-jpl/test/Archives/Archive240.nc
Export determination: 6.
Rationale: updating Archives of PDD nightly run 237 and 240

Change #167 with diff file ISSM-19273-19274.diff:
Function name:
M /issm/trunk-jpl/test/Archives/Archive240.nc M /issm/trunk-jpl/test/NightlyRun/test240.m
Export determination: 6.
Rationale: CHG: revert test240 back to higher frequency time steps

Change #168 with diff file ISSM-19274-19275.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp
Export determination: 6.
Rationale: CHG: allocate pdd matrices as xNewJssmDouble;

Change #169 with diff file ISSM-19275-19276.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp
Export determination: 6.
Rationale: CHG: cleanup created pdd arrays

Change #170 with diff file ISSM-19276-19277.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/StressbalanceVerticalAnalysis.cpp

Export determination: 6.

Rationale: CHG: removed SMB from Helene

Change #171 with diff file ISSM-19277-19278.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test237.py

Export determination: 6.

Rationale: CHG: update pdd test to catch yts conversion

Change #172 with diff file ISSM-19278-19279.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test237.py

Export determination: 6.

Rationale: BUG: need to use python indexing

Change #173 with diff file ISSM-19279-19280.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/SMBd18opdd.py

Export determination: 6.

Rationale: BUG: dpermil should be only a double

Change #174 with diff file ISSM-19280-19281.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test238.py M /issm/trunk-jpl/test/NightlyRun/test239.py

M /issm/trunk-jpl/test/NightlyRun/test240.py

Export determination: 6.

Rationale: CHG: fix the timestepping to match matlab tests

Change #175 with diff file ISSM-19281-19282.diff:

Function name:

M /issm/trunk-jpl/externalpackages/autotools/install-win.sh

Export determination: 6.

Rationale: CHG: Added a comment to explain the path to libtool.m4.

Change #176 with diff file ISSM-19282-19283.diff:

Function name:

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

M /issm/trunk-jpl/src/c/classes/Materials/Matrice.cpp M /issm/trunk-jpl/src/c/classes/Materials/Matpar.cpp

M /issm/trunk-jpl/src/c/datastructures/DataSet.cpp

Export determination: 6.

Rationale: CHG: some marshalling cleanup of memory and warnings

Change #177 with diff file ISSM-19283-19284.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: need to add gcc to path for this script

Change #178 with diff file ISSM-19284-19285.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/SMBd18opdd.m M /issm/trunk-jpl/src/m/classes/SMBd18opdd.py

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

M /issm/trunk-jpl/src/m/consistency/checkfield.m M /issm/trunk-jpl/src/m/consistency/checkfield.py

Export determination: 6.

Rationale: CHG: Add check for transient param, only 2 rows, for pdd

Change #179 with diff file ISSM-19285-19286.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/SMBd18opdd.m M /issm/trunk-jpl/src/m/classes/SMBd18opdd.py

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

M /issm/trunk-jpl/src/m/consistency/checkfield.m M /issm/trunk-jpl/src/m/consistency/checkfield.py

Export determination: 6.

Rationale: CHG: create new consistency label singletimeseries for 2 row forcings

Change #180 with diff file ISSM-19286-19287.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am A /issm/trunk-jpl/src/c/main/esmfbinders.cpp

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

M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt

M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/enum/EnumDefinitions

Export determination: 6.

Rationale: CHG: first implementation of the esmf compliant binders for ISSM.

Inspired from Bin Zhao's work at Goddard GMAO. The esmf binders consist of three binders: InitializeISSM, RunISSM and FinalizeISSM, which mirror the main.cpp structure. These binders will be linked to the GEOS-5 framework, so they are compiled in the libISSMCore only. The InitializeISSM is concerned mainly with bypassing the forcings that were initialized in ModelProcessorx with the forcings coming from the GEOS-5 framework. This is accomplished by plugging IssmDouble inputs (from the gcm forcings) into each element. SurfaceMassBalance is then modified to basically ignore the initial setup (for a standard ISSM run) in favor of the forcing we just plugged in. RunISSM is concerned (for now) with setting the start and final times according to the specified GEOS-5 dt interval to be run. FinalizeISSM deletes the ISSM model, standard procedure.

Change #181 with diff file ISSM-19287-19288.diff:

Function name:

A /issm/trunk-jpl/src/m/enum/SMBgcmEnum.m

Export determination: 6.

Rationale: CHG: forcog to commit the SMBgcmEnum for the GEOS-5/ISSM coupling.

Change #182 with diff file ISSM-19288-19289.diff:

Function name:

M /issm/trunk-jpl/src/m/coordsystems/gmtmask.m M /issm/trunk-jpl/src/m/mesh/planet/gmsh/gmshplanet

Export determination: 6.

Rationale: CHG: minor tweaks. Main bug was the issue of the algorithm for initial meshing in gmsh, which should be 'meshadapt' instead of 'bamg'.

Change #183 with diff file ISSM-19289-19290.diff:

Function name:

M /issm/trunk-jpl/src/c/main/esmfbinders.cpp

Export determination: 6.

Rationale: CHG: switch to local numbering.

Change #184 with diff file ISSM-19290-19291.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/StressbalanceSIAAnalysis.cpp

Export determination: 6.

Rationale: BUG: do not change spc from m/yr to m/s, it is already in m/s

Change #185 with diff file ISSM-19291-19292.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/StressbalanceSIAAnalysis.cpp

Export determination: 6.

Rationale: BUG: fixed spc transient in SIA (if no coupling)

Change #186 with diff file ISSM-19292-19293.diff:

Function name:

M /issm/trunk-jpl

Export determination: 6.

Rationale: CHG: ignore another compile path.

Change #187 with diff file ISSM-19293-19294.diff:

Function name:

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

M /issm/trunk-jpl/src/c/bamg/Triangle.h

Export determination: 6.

Rationale: BUG: fixed some crash due to new g++ compiler

Change #188 with diff file ISSM-19294-19295.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/flowequation.m M /issm/trunk-jpl/src/m/classes/stressbalance.m
M /issm/trunk-jpl/src/m/classes/stressbalance.py
Export determination: 6.
Rationale: CHG: allow models to have no spc, but display warning

Change #189 with diff file ISSM-19295-19296.diff:

Function name:

M /issm/trunk-jpl/externalpackages/valgrind/install-macosx64.sh

Export determination: 6.

Rationale: CHG: for mac OS X, use svn co instead of current release

Change #190 with diff file ISSM-19296-19297.diff:

Function name:

A /issm/trunk-jpl/src/m/psl A /issm/trunk-jpl/src/m/psl/gmtOcean.m A /issm/trunk-jpl/src/m/psl/gmtResults.m A /issm/trunk-jpl/src/m/psl/icelm.m A /issm/trunk-jpl/src/m/psl/intro.m A /issm/trunk-jpl/src/m/psl/lonLat.m A /issm/trunk-jpl/src/m/psl/oceFun.m A /issm/trunk-jpl/src/m/psl/ocelm.m A /issm/trunk-jpl/src/m/psl/results.m A /issm/trunk-jpl/src/m/psl/selm.m A /issm/trunk-jpl/src/m/psl/xplm.m A /issm/trunk-jpl/src/m/psl/xxlm.m A /issm/trunk-jpl/src/m/psl/yplm.m A /issm/trunk-jpl/src/m/psl/yym.m A /issm/trunk-jpl/src/m/psl/zelm.m

Export determination: 6.

Rationale: a new folder with functions related to PSL model (elastic earth)

Change #191 with diff file ISSM-19297-19298.diff:

Function name:

A /issm/trunk-jpl/src/m/psl/sharmonics.m

Export determination: 6.

Rationale: a function to compute spherical harmonics

Change #192 with diff file ISSM-19298-19299.diff:

Function name:

M /issm/trunk-jpl/src/m/coordsystems/gmtmask.m

Export determination: 6.

Rationale: CHG: to remove gmt.history

Change #193 with diff file ISSM-19299-19300.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added CURL support

Change #194 with diff file ISSM-19302-19303.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: time adapt was not implemented correctly...

Change #195 with diff file ISSM-19306-19307.diff:

Function name:

M /issm/trunk-jpl/src/c/cores/controlad_core.cpp

Export determination: 6.

Rationale: CHG: using the right constructor.

Change #196 with diff file ISSM-19307-19308.diff:

Function name:

M /issm/trunk-jpl/src/c/cores/transient_core.cpp M /issm/trunk-jpl/src/c/main/esmfbinders.cpp

Export determination: 6.

Rationale: CHG: unhooking check pointing and restart from transientcore.

Hardcoding it into the esmfbinders.

Change #197 with diff file ISSM-19308-19309.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test236.m M /issm/trunk-jpl/test/NightlyRun/test236.py

M /issm/trunk-jpl/test/NightlyRun/test237.m M /issm/trunk-jpl/test/NightlyRun/test237.py

M /issm/trunk-jpl/test/NightlyRun/test238.m M /issm/trunk-jpl/test/NightlyRun/test238.py

M /issm/trunk-jpl/test/NightlyRun/test239.m M /issm/trunk-jpl/test/NightlyRun/test239.py

M /issm/trunk-jpl/test/NightlyRun/test240.m M /issm/trunk-jpl/test/NightlyRun/test240.py

Export determination: 6.

Rationale: CHG: set s0p and s0t in tests

Change #198 with diff file ISSM-19309-19310.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/MasstransportAnalysis.cpp M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp M /issm/trunk-jpl/src/c/classes/Materials/Matpar.cpp M /issm/trunk-jpl/src/c/classes/Materials/Matpar.h M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Cre M /issm/trunk-jpl/src/m/classes/SMBd18opdd.m M /issm/trunk-jpl/src/m/classes/SMBd18opdd.py M /issm/trunk-jpl/src/m/classes/SMBpdd.m M /issm/trunk-jpl/src/m/classes/SMBpdd.py

Export determination: 6.

Rationale: Make s0p and s0t inputs instead of parameters

Change #199 with diff file ISSM-19310-19311.diff:

Function name:

M /issm/trunk-jpl/src/m/psl/ocelm.m

Export determination: 6.

Rationale: weighted area integration over the surface of a sphere

Change #200 with diff file ISSM-19311-19312.diff:

Function name:

A /issm/trunk-jpl/src/m/geometry/GetAreas3DTria.m

Export determination: 6.

Rationale: area of triangle with 3D vertices

Change #201 with diff file ISSM-19312-19313.diff:

Function name:

A /issm/trunk-jpl/externalpackages/cython/install-22.sh

Export determination: 6.

Rationale: CHG: 22 version

Change #202 with diff file ISSM-19313-19314.diff:

Function name:

M /issm/trunk-jpl/externalpackages/cython/install-22.sh

Export determination: 6.

Rationale: CHG: fixing bug.

Change #203 with diff file ISSM-19314-19315.diff:

Function name:

M /issm/trunk-jpl/externalpackages/cython/install-22.sh

Export determination: 6.

Rationale: CHG: fixing bug.

Change #204 with diff file ISSM-19315-19316.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive226.nc M /issm/trunk-jpl/test/Archives/Archive227.nc

M /issm/trunk-jpl/test/Archives/Archive323.nc M /issm/trunk-jpl/test/Archives/Archive324.nc

M /issm/trunk-jpl/test/NightlyRun/test226.m M /issm/trunk-jpl/test/NightlyRun/test226.py

M /issm/trunk-jpl/test/NightlyRun/test227.m M /issm/trunk-jpl/test/NightlyRun/test227.py

M /issm/trunk-jpl/test/NightlyRun/test323.m M /issm/trunk-jpl/test/NightlyRun/test323.py

M /issm/trunk-jpl/test/NightlyRun/test324.m M /issm/trunk-jpl/test/NightlyRun/test324.py

Export determination: 6.

Rationale: CHG: updated archives now that CFL IS working

Change #205 with diff file ISSM-19316-19317.diff:

Function name:

A /issm/trunk-jpl/src/m/classes/maskpsl.m

Export determination: 6.

Rationale: a new class to define the ocean mask

Change #206 with diff file ISSM-19317-19318.diff:

Function name:

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

M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt

M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/classes/settings.m

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

D /issm/trunk-jpl/src/m/enum/SettingsRestartFrequencyEnum.m

Export determination: 6.

Rationale: CHG: reintroducing checkpointing, but not driven by the esmf-binders. We rename it, following advice from Max Suarez, recording, not checkpointing.

Change #207 with diff file ISSM-19318-19319.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: changed display for recording_frequency

Change #208 with diff file ISSM-19319-19320.diff:

Function name:

M /issm/trunk-jpl/src/m/psl/sharmonics.m

Export determination: 6.

Rationale: minor changes

Change #209 with diff file ISSM-19320-19321.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test324.py

Export determination: 6.

Rationale: CHG: wrong final time

Change #210 with diff file ISSM-19321-19322.diff:

Function name:

A /issm/trunk-jpl/configs/config-discover-intel13.sh D /issm/trunk-jpl/configs/config-discover.sh M /issm/trunk-jpl/m4/issm_options.m4

Export determination: 6.

Rationale: CHG: Updates for discover intel13

Change #211 with diff file ISSM-19322-19323.diff:

Function name:

A /issm/trunk-jpl/configs/config-discover-intel11.sh (from /issm/trunk-jpl/configs/config-discover.sh:19307)

Export determination: 6.

Rationale: CHG: Updates for discover intel13

Change #212 with diff file ISSM-19323-19324.diff:

Function name:
A /issm/trunk-jpl/src/m/psl/shlm.m
Export determination: 6.
Rationale: a generic function to compute SH coefficients

Change #213 with diff file ISSM-19324-19325.diff:
Function name:
D /issm/trunk-jpl/src/m/psl/icelm.m D /issm/trunk-jpl/src/m/psl/ocelm.m
Export determination: 6.
Rationale: these are not needed; now a generic function defined

Change #214 with diff file ISSM-19325-19326.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp M /issm/trunk-jpl/src/c/shared/Elements/PddSurface
M /issm/trunk-jpl/src/c/shared/Elements/elements.h
Export determination: 6.
Rationale: CHG: make accumulation and melt outputs

Change #215 with diff file ISSM-19326-19327.diff:
Function name:
M /issm/trunk-jpl/src/m/solve/parseresultsfromdisk.m
Export determination: 6.
Rationale: CHG: update units for accumulation and melt

Change #216 with diff file ISSM-19327-19328.diff:
Function name:
M /issm/trunk-jpl/src/c/main/esmfbinders.cpp
Export determination: 6.
Rationale: CHG: changing unit of conversion from GEOS-5 to ISSM.

Change #217 with diff file ISSM-19328-19329.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/cloud.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/generic_static.m M /issm/trunk-jpl/src/m/classes/clusters/greenpla
M /issm/trunk-jpl/src/m/classes/clusters/hpc.m M /issm/trunk-jpl/src/m/classes/clusters/pfe.m
M /issm/trunk-jpl/src/m/classes/clusters/pfe.py M /issm/trunk-jpl/src/m/classes/clusters/pollux.m
A /issm/trunk-jpl/src/m/enum/SettingsRecordingFrequencyEnum.m M /issm/trunk-
jpl/src/m/solve/solve.m M /issm/trunk-jpl/src/m/solve/solve.py
Export determination: 6.
Rationale: CHG: committing missing SettingsRecordingFrequencyEnum enum.
Split the LaunchQueueJob into UploadQueueJob and DownloadQueueJob, so
we can do restarts without tarring the queue files twice.

Change #218 with diff file ISSM-19329-19330.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test324.m M /issm/trunk-jpl/test/NightlyRun/test324.py

Export determination: 6.

Rationale: CHG: Relaxed several fields on test324 for both Matlab and Python
to fix ERRORS on Windows build.

Change #219 with diff file ISSM-19330-19331.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_murdo.ad M /issm/trunk-jpl/jenkins/linux64_murdo_ampi

M /issm/trunk-jpl/jenkins/linux64_murdo.gia M /issm/trunk-jpl/jenkins/linux64_murdo_iceocean

Export determination: 6.

Rationale: CHG: Specified the SVN and SVNVERSION variables to speed up
Jenkins builds.

Change #220 with diff file ISSM-19331-19332.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: greenplanet back in production

Change #221 with diff file ISSM-19332-19333.diff:

Function name:
M /issm/trunk-jpl/src/c/modules/MeshProfileIntersectionx/MeshProfileIntersectionx.cpp
Export determination: 6.
Rationale: BUG: fixed problem in O1O2==0

Change #222 with diff file ISSM-19333-19334.diff:

Function name:
M /issm/trunk-jpl/src/c/cores/transient_core.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateModelProcessorx.cpp
Export determination: 6.
Rationale: CHG: retrieve step from the ModelProcessorx given value instead of hardcoding it to 0 at the beginning of the transient core. We also give it a value of 0 instead of 1 in the ModelProcessorx. This is to allow the steps to increment correctly (instead of resetting) when running restart and checkpointing in a couple GCM/ISSM run.

Change #223 with diff file ISSM-19334-19335.diff:

Function name:
M /issm/trunk-jpl/src/c/classes/ExternalResults/GenericExternalResult.h M /issm/trunk-jpl/src/c/cores/transient_core.cpp
Export determination: 6.
Rationale: CHG: move checkpoint after outputresult

Change #224 with diff file ISSM-19335-19336.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/cloud.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/generic_static.m M /issm/trunk-jpl/src/m/classes/clusters/greenplum.m
M /issm/trunk-jpl/src/m/classes/clusters/hpc.m M /issm/trunk-jpl/src/m/classes/clusters/pfe.m
M /issm/trunk-jpl/src/m/classes/clusters/pfe.py M /issm/trunk-jpl/src/m/classes/clusters/pollux.m
M /issm/trunk-jpl/src/m/solve/loadresultsfromcluster.m M /issm/trunk-jpl/src/m/solve/solve.m
M /issm/trunk-jpl/src/m/solve/solve.py
Export determination: 6.
Rationale: CHG: need to pass restart to clusters so they have the correct launch command

Change #225 with diff file ISSM-19336-19337.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/plotoptions.m M /issm/trunk-jpl/src/m/plot/plot_tensor_components.m
M /issm/trunk-jpl/src/m/plot/plot_tensor_principal.m M /issm/trunk-jpl/src/m/plot/plot_tensor_principalaxi
M /issm/trunk-jpl/src/m/plot/plot_vstime.m M /issm/trunk-jpl/src/m/solve/parsersresultsfromdisk.py
D /issm/trunk-jpl/src/m/string/strsplit.m M /issm/trunk-jpl/src/m/string/strsplit_strict.m

Export determination: 6.

Rationale: BUG: removed strsplit since it is conflicting with matlab's since 2013

Change #226 with diff file ISSM-19337-19338.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test215.m M /issm/trunk-jpl/test/NightlyRun/test215.py

Export determination: 6.

Rationale: CHG: Relaxed parameters for test215.

Change #227 with diff file ISSM-19338-19339.diff:

Function name:

A /issm/trunk-jpl/test/Archives/Archive125.nc A /issm/trunk-jpl/test/Archives/Archive126.nc
A /issm/trunk-jpl/test/NightlyRun/test125.m A /issm/trunk-jpl/test/NightlyRun/test125.py
A /issm/trunk-jpl/test/NightlyRun/test126.m A /issm/trunk-jpl/test/NightlyRun/test126.py

Export determination: 6.

Rationale: NEW: checkpoint tests

Change #228 with diff file ISSM-19339-19340.diff:

Function name:

A /issm/trunk-jpl/src/m/psl/p_polynomial_value.m

Export determination: 6.

Rationale: a function to compute legendre polynomials (order 0)

Change #229 with diff file ISSM-19340-19341.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/ExternalResults/GenericExternalResult.h

Export determination: 6.

Rationale: BUG: initialize value with 0 instead of NULL in template

Change #230 with diff file ISSM-19341-19342.diff:

Function name:

M /issm/trunk-jpl/src/m/psl/p-polynomial_value.m

Export determination: 6.

Rationale: minor

Change #231 with diff file ISSM-19342-19343.diff:

Function name:

A /issm/trunk-jpl/src/m/psl/shlm_element.m

Export determination: 6.

Rationale: to compute SH at element centroids. will combine this with shlm.m later

Change #232 with diff file ISSM-19343-19344.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/OutputResultsx/OutputResultsx.cpp M /issm/trunk-jpl/src/m/solve/parseresultsfromdisk.m

Export determination: 6.

Rationale: CHG: trying to address the issue of time steps being recorded in the results. If step=0, we are running everything except a transient . Only one step, time =0. If step=-1, we are a result that belongs nowhere (for ex: solutoin type), plug it in step=1, time=0; If step=0, legitimate transient step.

Change #233 with diff file ISSM-19344-19345.diff:

Function name:

M /issm/trunk-jpl/src/c/cores/ad_core.cpp M /issm/trunk-jpl/src/c/cores/control_core.cpp

M /issm/trunk-jpl/src/c/cores/controlad_core.cpp M /issm/trunk-jpl/src/c/cores/controlvalidation_core.cpp

Export determination: 6.

Rationale: CHG: add results at step 0,0 instead of 1,0 (which would imply a transient)

Change #234 with diff file ISSM-19345-19346.diff:

Function name:

M /issm/trunk-jpl/src/c/cores/controlm1qn3_core.cpp M /issm/trunk-jpl/src/c/cores/controltao_core.cpp

Export determination: 6.

Rationale: CHG: results should be in steady state mode.

Change #235 with diff file ISSM-19346-19347.diff:

Function name:

A /issm/trunk-jpl/jenkins/linux64_murdo_python

Export determination: 6.

Rationale: ADD: New python linux64 jenkins build.

Change #236 with diff file ISSM-19347-19348.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: Temp change to track python jenkins issue.

Change #237 with diff file ISSM-19348-19349.diff:

Function name:

M /issm/trunk-jpl/src/m/solve/parseresultsfromdisk.m M /issm/trunk-jpl/src/m/solve/parseresultsfromdisk.p

Export determination: 6.

Rationale: CHG: transmitting new way of dealing with steps -1, 0 and 1 in the parseresultsfromdisk from matlab to python.

Change #238 with diff file ISSM-19349-19350.diff:

Function name:

A /issm/trunk-jpl/src/m/plot/colormaps/bluwhitered_smooth.m M /issm/trunk-jpl/src/m/plot/colormaps/lbmap.m

Export determination: 6.

Rationale: NEW: adding colormaps

Change #239 with diff file ISSM-19350-19351.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: Temp change to track python jenkins issue.

Change #240 with diff file ISSM-19351-19352.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: Temp change to track python jenkins issue.

Change #241 with diff file ISSM-19352-19353.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: Temp change to track python jenkins issue.

Change #242 with diff file ISSM-19353-19354.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: Temp change to track python jenkins issue. Dumping raw output to Jenkins console.

Change #243 with diff file ISSM-19354-19355.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: Restored redirection of python output to log files.

Change #244 with diff file ISSM-19355-19356.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: Restored redirection of python output to log files.

Change #245 with diff file ISSM-19356-19357.diff:

Function name:

M /issm/trunk-jpl/package64.sh

Export determination: 6.

Rationale: CHG: Windows binaries are missing matlab code. Checking contents of bin dir.

Change #246 with diff file ISSM-19357-19358.diff:

Function name:

M /issm/trunk-jpl/jenkins/windows

Export determination: 6.

Rationale: CHG: Fix to windows missing Matlab scripts in MSI.

Change #247 with diff file ISSM-19358-19359.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: Added sourcing of Windows environment script for jenkins build.

Change #248 with diff file ISSM-19359-19360.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: Added a line to jenkins script to check for sourcing of windows environment script.

Change #249 with diff file ISSM-19360-19361.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: Fixed order issue.

Change #250 with diff file ISSM-19361-19362.diff:

Function name:

M /issm/trunk-jpl/jenkins/windows

Export determination: 6.

Rationale: CHG: restored development option to Windows jenkins script.

Change #251 with diff file ISSM-19362-19363.diff:

Function name:

M /issm/trunk-jpl/package64.sh

Export determination: 6.

Rationale: CHG: Moved matlab scripts to bin directory in packager script for Windows.

Change #252 with diff file ISSM-19363-19364.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions

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

A /issm/trunk-jpl/src/m/enum/TemperaturePDDEnum.m

Export determination: 6.

Rationale: fix surface temperature forcing bug for pdd method

Change #253 with diff file ISSM-19364-19365.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive237.nc

Export determination: 6.

Rationale: CHG: updated archive now that PDD scheme has been changed

Change #254 with diff file ISSM-19365-19366.diff:

Function name:

M /issm/trunk-jpl/package64.sh

Export determination: 6.

Rationale: CHG: Moved matlab scripts to bin directory in packager script for Windows.

Change #255 with diff file ISSM-19366-19367.diff:

Function name:

M /issm/trunk-jpl/package64.sh

Export determination: 6.

Rationale: CHG: Hopefully the final change to win7 packger script to copy over Matlab scripts.

Change #256 with diff file ISSM-19367-19368.diff:

Function name:

M /issm/trunk-jpl/package64.sh

Export determination: 6.

Rationale: CHG: Hopefully the final change to win7 packger script to copy over Matlab scripts.

Change #257 with diff file ISSM-19368-19369.diff:

Function name:

M /issm/trunk-jpl/package64.sh

Export determination: 6.

Rationale: CHG: Testing copy of Matlab scripts.

Change #258 with diff file ISSM-19369-19370.diff:

Function name:

D /issm/trunk-jpl/src/m/psl/gmtOcean.m D /issm/trunk-jpl/src/m/psl/gmtResults.m
D /issm/trunk-jpl/src/m/psl/intro.m D /issm/trunk-jpl/src/m/psl/lonLat.m D
/issm/trunk-jpl/src/m/psl/oceFun.m M /issm/trunk-jpl/src/m/psl/p_polynomial_value.m
D /issm/trunk-jpl/src/m/psl/results.m D /issm/trunk-jpl/src/m/psl/selm.m M
/issm/trunk-jpl/src/m/psl/sharmonics.m M /issm/trunk-jpl/src/m/psl/shlm.m
M /issm/trunk-jpl/src/m/psl/shlm_element.m D /issm/trunk-jpl/src/m/psl/xplm.m
D /issm/trunk-jpl/src/m/psl/xlml.m D /issm/trunk-jpl/src/m/psl/yplm.m D
/issm/trunk-jpl/src/m/psl/yylm.m D /issm/trunk-jpl/src/m/psl/zelm.m

Export determination: 6.

Rationale: functions related to SH formulation of PSL model removed

Change #259 with diff file ISSM-19370-19371.diff:

Function name:

M /issm/trunk-jpl/src/m/solve/parseresultsfromdisk.m M /issm/trunk-jpl/test/NightlyRun/IdFromString.m
Export determination: 6.
Rationale: BUG: put time back in

Change #260 with diff file ISSM-19371-19372.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp
Export determination: 6.
Rationale: minor pdd fix

Change #261 with diff file ISSM-19372-19373.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test432.m M /issm/trunk-jpl/test/NightlyRun/test432.py
Export determination: 6.
Rationale: CHG: Relaxed test 432 parameter.

Change #262 with diff file ISSM-19373-19374.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/StressbalanceAnalysis.cpp M /issm/trunk-jpl/src/c/classes/Loads/Friction.cpp M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h
M /issm/trunk-jpl/src/c/shared/Enum/EnumToString.cpp M /issm/trunk-jpl/src/c/shared/Enum/StringToEnum.cpp
M /issm/trunk-jpl/src/m/classes/frictionwaterlayer.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py
A /issm/trunk-jpl/src/m/enum/FrictionFEnum.m M /issm/trunk-jpl/test/Archives/Archive438.nc
M /issm/trunk-jpl/test/Archives/Archive439.nc M /issm/trunk-jpl/test/NightlyRun/test438.m
M /issm/trunk-jpl/test/NightlyRun/test439.m
Export determination: 6.
Rationale: CHG: updated friction law water layer for Derrick

Change #263 with diff file ISSM-19374-19375.diff:
Function name:
M /issm/trunk-jpl/test/Archives/Archive237.nc
Export determination: 6.
Rationale: CHG: new archive of PDD scheme

Change #264 with diff file ISSM-19375-19376.diff:

Function name:

M /issm/trunk-jpl/externalpackages/autotools/patches/libtool.m4.patch M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am

Export determination: 6.

Rationale: CHG: Improved libtool.m4 patch for Windows build. Patch now has fewer unrecognized flags during linking and can now "rebuild" objects when they have too many source files. CHG: Both makefiles now build convenience libraries during Windows builds.

Change #265 with diff file ISSM-19376-19377.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Added force flag to automakererun.

Change #266 with diff file ISSM-19377-19378.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Removed force flag force flag.

Change #267 with diff file ISSM-19378-19379.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: Removing temporary fix to Windows dependency issue.

Change #268 with diff file ISSM-19379-19380.diff:

Function name:

A /issm/trunk-jpl/src/m/classes/adinversion.py A /issm/trunk-jpl/src/m/classes/taoinversion.py

Export determination: 6.

Rationale: ADD: new pythong scripts for tao an ad inversions. Provided by Andre Ismailyan.

Change #269 with diff file ISSM-19380-19381.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_overlay.py

Export determination: 6.

Rationale: BUG: somehow the overlay values get flipped

Change #270 with diff file ISSM-19381-19382.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/DamageEvolutionAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/StressbalanceAnalysis.cpp M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/classes/damage.m M /issm/trunk-jpl/src/m/classes/damage.py A /issm/trunk-jpl/src/m/enum/DamageKappaEnum.m D /issm/trunk-jpl/src/m/enum/DamagePenaltyFactorEnum.m D /issm/trunk-jpl/src/m/enum/DamagePenaltyLockEnum.m D /issm/trunk-jpl/src/m/enum/DamagePenaltyThresholdEnum M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py

Export determination: 6.

Rationale: CHG: updating damage calculation as the result of a stress balance solution; getting rid of unused penalty variables; adding kappa variable to damage class

Change #271 with diff file ISSM-19382-19383.diff:

Function name:

A /issm/trunk-jpl/test/Archives/Archive273.nc A /issm/trunk-jpl/test/NightlyRun/test273.m

A /issm/trunk-jpl/test/NightlyRun/test273.py

Export determination: 6.

Rationale: NEW: nightly run for analytical damage calculation from the results of a stress balance solution

Change #272 with diff file ISSM-19383-19384.diff:

Function name:

D /issm/trunk-jpl/test/Archives/Archive271.nc D /issm/trunk-jpl/test/NightlyRun/test271.m

D /issm/trunk-jpl/test/NightlyRun/test271.py M /issm/trunk-jpl/test/NightlyRun/test275.m

M /issm/trunk-jpl/test/NightlyRun/test275.py

Export determination: 6.

Rationale: CHG: deleted test271 as it was redundant with 275; gave 275 a more descriptive name

Change #273 with diff file ISSM-19384-19385.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/DamageEvolutionAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/DamageEvolutionAnalysis.h M /issm/trunk-jpl/src/m/classes/damage.m
M /issm/trunk-jpl/src/m/classes/damage.py

Export determination: 6.

Rationale: CHG: no source term for damage evolution if law=0; damage updated in stress balance

Change #274 with diff file ISSM-19385-19386.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/FSanalytics/fsanalytics.cpp

Export determination: 6.

Rationale: CHG: replaced M_PI with PI.

Change #275 with diff file ISSM-19386-19387.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/DamageEvolutionAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/DamageEvolutionAnalysis.h M /issm/trunk-jpl/src/c/analyses/StressbalanceAnalysis.cpp
M /issm/trunk-jpl/src/c/cores/damage_core.cpp M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence.m M /issm/trunk-jpl/src/m/classes/damage.m M /issm/trunk-jpl/src/m/classes/damage.py
M /issm/trunk-jpl/src/m/mech/mechanicalproperties.m M /issm/trunk-jpl/src/m/mech/mechanicalproperties.py

Export determination: 6.

Rationale: CHG: working to implement flux corrected transport for damage evolution

Change #276 with diff file ISSM-19387-19388.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: updating description of damage law

Change #277 with diff file ISSM-19388-19389.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/analyses/DamageEvolutionAnalysis.cpp

M /issm/trunk-jpl/src/c/cores/damage_core.cpp A /issm/trunk-jpl/src/c/modules/Damagex
A /issm/trunk-jpl/src/c/modules/Damagex/Damagex.cpp A /issm/trunk-jpl/src/c/modules/Damagex/Damagex.h
M /issm/trunk-jpl/src/c/modules/modules.h
Export determination: 6.
Rationale: NEW: module for handling analytical damage calculation

Change #278 with diff file ISSM-19389-19390.diff:

Function name:

A /issm/trunk-jpl/externalpackages/petsc/install-3.5-win-par.sh

Export determination: 6.

Rationale: ADD: New installation script for parallel Petsc version 3.5

Change #279 with diff file ISSM-19390-19391.diff:

Function name:

M /issm/trunk-jpl/externalpackages/windows/configs/sdk7.1-win64.sh M /issm/trunk-jpl/m4/issm_options.m4 M /issm/trunk-jpl/src/m/classes/clusters/generic.m M /issm/trunk-jpl/src/wrappers/IssmConfig/IssmConfig.cpp

Export determination: 6.

Rationale: CHG: Added MPI variables to sdk 7.1 Win64 environment script.
CHG: New option for parallel Win64 CHG: Added contional to set number of processes to 1 when Windows build is not parallel. CHG: Added ability to for IssmConfig to recognize when Petsc provides MPI.

Change #280 with diff file ISSM-19391-19392.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Fixed mistake in IssmConfig.cpp

Change #281 with diff file ISSM-19392-19393.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: some fixes in case model fields are NaN when collapse is called for a python model

Change #282 with diff file ISSM-19393-19394.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test272.m M /issm/trunk-jpl/test/NightlyRun/test272.py

Export determination: 6.

Rationale: CHG: updated name of damage inversion runs

Change #283 with diff file ISSM-19394-19395.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/DamageEvolutionAnalysis.cpp

Export determination: 6.

Rationale: CHG: check stabilization when setting up constraints

Change #284 with diff file ISSM-19395-19396.diff:

Function name:

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

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

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

Export determination: 6.

Rationale: CHG: change element Marshall to MarshallElement

Change #285 with diff file ISSM-19396-19397.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: changes for Windows parallel build.

Change #286 with diff file ISSM-19397-19398.diff:

Function name:

A /issm/trunk-jpl/jenkins/windows-par M /issm/trunk-jpl/m4/issm_options.m4

Export determination: 6.

Rationale: CHG: added logic for Windows-par and Jenkins file for Windows-par as well.

Change #287 with diff file ISSM-19398-19399.diff:

Function name:

M /issm/trunk-jpl/externalpackages/petsc/install-3.5-win-par.sh

Export determination: 6.

Rationale: CHG: changed install dir of MPICH for windows build.

Change #288 with diff file ISSM-19399-19400.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: fixed typo

Change #289 with diff file ISSM-19400-19401.diff:

Function name:

A /issm/trunk-jpl/externalpackages/petsc/install-3.6-macosx64.sh

Export determination: 6.

Rationale: NEW: added install-3.6-macosx64.sh

Change #290 with diff file ISSM-19401-19402.diff:

Function name:

A /issm/trunk-jpl/externalpackages/petsc/install-3.6-linux64.sh

Export determination: 6.

Rationale: NEW: added install-3.6-linux64.sh

Change #291 with diff file ISSM-19402-19403.diff:

Function name:

A /issm/trunk-jpl/externalpackages/petsc/install-3.6-pleiades.sh

Export determination: 6.

Rationale: added new petsc 3.6 for pleiades

Change #292 with diff file ISSM-19403-19404.diff:
Function name:
M /issm/trunk-jpl/externalpackages/petsc/install-3.6-pleiades.sh
Export determination: 6.
Rationale: CHG: fixed installation with new mpi

Change #293 with diff file ISSM-19404-19405.diff:
Function name:
M /issm/trunk-jpl/externalpackages/petsc/install-3.6-pleiades.sh
Export determination: 6.
Rationale: CHG: updated mpilib install-3.6-pleiades.sh

Change #294 with diff file ISSM-19405-19406.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/plotoptions.m
Export determination: 6.
Rationale: BUG: updated plotoptions bug for #i-j

Change #295 with diff file ISSM-19407-19408.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: BUG: fixed MKL

Change #296 with diff file ISSM-19408-19409.diff:
Function name:
A /issm/trunk-jpl/src/m/contrib/netCDF/read_netCDF.py
Export determination: 6.
Rationale: NEW: buggy python netcdf reader

Change #297 with diff file ISSM-19409-19410.diff:
Function name:
M /issm/trunk-jpl/externalpackages/dakota/configs/5.3.1/BuildDakotaCustom.cmake.patch

M /issm/trunk-jpl/externalpackages/dakota/configs/5.3.1/CMakeLists.txt.pfe.patch
Export determination: 6.
Rationale: CHG: update patch for new mpi

Change #298 with diff file ISSM-19410-19411.diff:
Function name:
M /issm/trunk-jpl/externalpackages/boost/install-1.49-linux.sh A /issm/trunk-jpl/externalpackages/boost/install-1.55-linux.sh
Export determination: 6.
Rationale: CHG: install 1.55 boost

Change #299 with diff file ISSM-19411-19412.diff:
Function name:
M /issm/trunk-jpl/externalpackages/dakota/install-5.3.1-linux64.sh
Export determination: 6.
Rationale: CHG: dakota install for linux

Change #300 with diff file ISSM-19412-19413.diff:
Function name:
A /issm/trunk-jpl/externalpackages/boost/install-1.55-macosx-yosemite.sh
Export determination: 6.
Rationale: NEW: yosemite install for boost

Change #301 with diff file ISSM-19413-19414.diff:
Function name:
A /issm/trunk-jpl/externalpackages/mpich/install-3.0-macosx64-yosemite-dakota.sh
Export determination: 6.
Rationale: NEW: use gfortran compilers if linking with dakota

Change #302 with diff file ISSM-19414-19415.diff:
Function name:
A /issm/trunk-jpl/externalpackages/dakota/install-5.3.1-macosx64-yosemite.sh
Export determination: 6.

Rationale: NEW: yosemite build for mac

Change #303 with diff file ISSM-19415-19416.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: dakota script for mac

Change #304 with diff file ISSM-19416-19417.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: modules are now a dynamic field of pfe

Change #305 with diff file ISSM-19417-19418.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: remove unneeded includes

Change #306 with diff file ISSM-19418-19419.diff:

Function name:

A /issm/trunk-jpl/externalpackages/dakota/configs/5.3.1/BuildDakotaCustom.cmake.pfe.patch

M /issm/trunk-jpl/externalpackages/dakota/install-5.3.1-pleiades.sh

Export determination: 6.

Rationale: CHG: add special patch for pfe

Change #307 with diff file ISSM-19419-19420.diff:

Function name:

M /issm/trunk-jpl/externalpackages/dakota/configs/5.3.1/BuildDakotaCustom.cmake.patch

M /issm/trunk-jpl/externalpackages/dakota/configs/5.3.1/BuildDakotaCustom.cmake.pfe.patch

Export determination: 6.

Rationale: CHG: update patches for pfe and linux

Change #308 with diff file ISSM-19420-19421.diff:

Function name:

M /issm/trunk-jpl/externalpackages/boost/install-1.49-linux.sh

Export determination: 6.

Rationale: CHG: remove boost static link

Change #309 with diff file ISSM-19421-19422.diff:

Function name:

A /issm/trunk-jpl/src/m/exp/expdisp.py M /issm/trunk-jpl/src/m/exp/expwrite.py

Export determination: 6.

Rationale: CHG:Python: adding expdisp module; updating expwrite so that a dict is passed rather than a list of dicts to fix a bug with multiple contours/polygons/lines in a shapefile

Change #310 with diff file ISSM-19422-19423.diff:

Function name:

M /issm/trunk-jpl/src/m/shp/shp2exp.py

Export determination: 6.

Rationale: CHG:Python: fixing shp2exp to handle polygon layers and shapefiles with multiple contours

Change #311 with diff file ISSM-19423-19424.diff:

Function name:

M /issm/trunk-jpl/src/m/shp/shp2exp.py

Export determination: 6.

Rationale: BUG: fixed shp2exp for line shapefiles

Change #312 with diff file ISSM-19424-19425.diff:

Function name:

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

M /issm/trunk-jpl/src/m/plot/plot_overlay.py M /issm/trunk-jpl/src/m/plot/plotmodel.py

Export determination: 6.

Rationale: CHG: updates to python plotting routines

Change #313 with diff file ISSM-19425-19426.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_overlay.py

Export determination: 6.

Rationale: BUG: forgot try/catch in case Basemap toolkit not installed

Change #314 with diff file ISSM-19426-19427.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/checkplotoptions.py

Export determination: 6.

Rationale: BUG: textposition can be passed as a list or a nested list; fix to handle this

Change #315 with diff file ISSM-19427-19428.diff:

Function name:

A /issm/trunk-jpl/externalpackages/triangle/configs/libtool A /issm/trunk-jpl/externalpackages/triangle/conf

A /issm/trunk-jpl/externalpackages/triangle/configs/libtool/configure.ac A /issm/trunk-

jpl/externalpackages/triangle/configs/libtool/src A /issm/trunk-jpl/externalpackages/triangle/configs/libtool/

D /issm/trunk-jpl/externalpackages/triangle/configs/triangle-libtool.tar.gz M /issm/trunk-

jpl/externalpackages/triangle/install.sh

Export determination: 6.

Rationale: CHG: modified the Triangle libtool build to not use a tarball. Replaced with libtool directory in configs directory.

Change #316 with diff file ISSM-19428-19429.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Updates to applyoptions.py courtesy of Alvin Liang.

Change #317 with diff file ISSM-19429-19430.diff:

Function name:
M /issm/trunk-jpl/src/m/plot/applyoptions.py
Export determination: 6.
Rationale: CHG: reverting some mystery changes to applyoptions.py that I use...

Change #318 with diff file ISSM-19430-19431.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/processdata.py
Export determination: 6.
Rationale: CHG: update to processdata.py to handle a multi-column spc time series

Change #319 with diff file ISSM-19431-19432.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/applyoptions.py
Export determination: 6.
Rationale: BUG: commented out a couple buggy python code changes in applyoptions.py

Change #320 with diff file ISSM-19432-19433.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_overlay.py M /issm/trunk-jpl/src/m/plot/plot_unit.py
M /issm/trunk-jpl/src/m/plot/processdata.py
Export determination: 6.
Rationale: CHG: implemented basic framework for quiver plot in python

Change #321 with diff file ISSM-19433-19434.diff:
Function name:
M /issm/trunk-jpl/src/m/mesh/roundmesh.py
Export determination: 6.
Rationale: CHG: x and y are now passed as lists, and the contour is passed as a dict to expwrite

Change #322 with diff file ISSM-19434-19435.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/processdata.py

Export determination: 6.

Rationale: BUG: fixed handling of quiver plots and spc time series in processdata.py

Change #323 with diff file ISSM-19435-19436.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: changed text fontsize naming for consistency

Change #324 with diff file ISSM-19436-19437.diff:

Function name:

M /issm/trunk-jpl/packagers/macosx/install.sh M /issm/trunk-jpl/src/c/Makefile.am

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

Export determination: 6.

Rationale: CHG: Static Mac OSX build should now work with M1QN3.

Change #325 with diff file ISSM-19437-19438.diff:

Function name:

A /issm/trunk-jpl/jenkins/linux64_caladan_python (from /issm/trunk-jpl/jenkins/linux64_murdo_python:19438)

Export determination: 6.

Rationale: ADD: new configuration for Jenkins.

Change #326 with diff file ISSM-19438-19439.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_caladan_python

Export determination: 6.

Rationale: CHG: removed unecessary external packages.

Change #327 with diff file ISSM-19439-19440.diff:

Function name:
M /issm/trunk-jpl/jenkins/linux64.caladan.python
Export determination: 6.
Rationale: CHG: changed gfortran version to 4.9.

Change #328 with diff file ISSM-19440-19441.diff:
Function name:
M /issm/trunk-jpl/jenkins/linux64.caladan.python
Export determination: 6.
Rationale: CHG: Lowered number of CPUs.

Change #329 with diff file ISSM-19441-19442.diff:
Function name:
M /issm/trunk-jpl/jenkins/linux64.caladan.python
Export determination: 6.
Rationale: CHG: Updated pythong directories.

Change #330 with diff file ISSM-19442-19443.diff:
Function name:
M /issm/trunk-jpl/jenkins/linux64.caladan.python
Export determination: 6.
Rationale: CHG: Removed more external packages and removed evelopment option.

Change #331 with diff file ISSM-19443-19444.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/mask.py
Export determination: 6.
Rationale: BUG: missing import statement

Change #332 with diff file ISSM-19444-19445.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/applyoptions.py

Export determination: 6.
Rationale: BUG: wrong variable passed to fontsize argument

Change #333 with diff file ISSM-19445-19446.diff:
Function name:
M /issm/trunk-jpl/jenkins/linux64_caladan.python
Export determination: 6.
Rationale: CHG: restored Chaco, Boost and Dakota to new Jenkins build.

Change #334 with diff file ISSM-19446-19447.diff:
Function name:
M /issm/trunk-jpl/jenkins/linux64_caladan.python
Export determination: 6.
Rationale: CHG: Restored more external packages.

Change #335 with diff file ISSM-19447-19448.diff:
Function name:
M /issm/trunk-jpl/jenkins/linux64_caladan.python
Export determination: 6.
Rationale: CHG: changed Dakota installation. Removed BLAS LAPACK externals.

Change #336 with diff file ISSM-19448-19449.diff:
Function name:
A /issm/trunk-jpl/externalpackages/dakota/install-5.2-linux64-caladan.sh (from /issm/trunk-jpl/externalpackages/dakota/install-5.2-linux64-larsen.sh:19445)
Export determination: 6.
Rationale: NEW: Dakota installs script for new Jenkins.

Change #337 with diff file ISSM-19449-19450.diff:
Function name:
M /issm/trunk-jpl/jenkins/linux64_caladan.python
Export determination: 6.

Rationale: CHG: using new install script.

Change #338 with diff file ISSM-19450-19451.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_caladan.python

Export determination: 6.

Rationale: CHG: changed to Dakota 5.3.1

Change #339 with diff file ISSM-19451-19452.diff:

Function name:

A /issm/trunk-jpl/externalpackages/dakota/install-5.3.1-linux64-caladan.sh (from /issm/trunk-jpl/externalpackages/dakota/install-5.3.1-linux64.sh:19436)

Export determination: 6.

Rationale: NEW: new Linux Dakota 5.3.1 install script.

Change #340 with diff file ISSM-19452-19453.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_caladan.python

Export determination: 6.

Rationale: CHG: chaged Jenkins install script.

Change #341 with diff file ISSM-19453-19454.diff:

Function name:

M /issm/trunk-jpl/externalpackages/dakota/install-5.3.1-linux64-caladan.sh

Export determination: 6.

Rationale: CHG: fixed typo of BLAS and LAPACK dirs.

Change #342 with diff file ISSM-19454-19455.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_caladan.python

Export determination: 6.

Rationale: CHG: Going back to other linux Dakota install script.

Change #343 with diff file ISSM-19455-19456.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64.caladan.python

Export determination: 6.

Rationale: CHG: Enabled delopment.

Change #344 with diff file ISSM-19456-19457.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: Trying to fix a bug with Kriging.exe by separting build from install.

Change #345 with diff file ISSM-19457-19458.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64.caladan.python

Export determination: 6.

Rationale: CHG: Disable static libs for new Jenkins.

Change #346 with diff file ISSM-19458-19459.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: removed output of tests to console.

Change #347 with diff file ISSM-19459-19460.diff:

Function name:

M /issm/trunk-jpl/src/m/exp/expwrite.py

Export determination: 6.

Rationale: BUG: typo

Change #348 with diff file ISSM-19460-19461.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/applyoptions.py A /issm/trunk-jpl/src/m/plot/plot_streamlines.py
Export determination: 6.
Rationale: NEW: plot_streamlines added for python plots

Change #349 with diff file ISSM-19461-19462.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: Fixing Typo

Change #350 with diff file ISSM-19462-19463.diff:

Function name:

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

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

Export determination: 6.

Rationale: CHG: minor plotting updates

Change #351 with diff file ISSM-19463-19464.diff:

Function name:

A /issm/trunk-jpl/jenkins/linux64_caladan (from /issm/trunk-jpl/jenkins/linux64_caladan_python:19462)

D /issm/trunk-jpl/jenkins/linux64_caladan_python

Export determination: 6.

Rationale: CHG: renamed new Jenkins install file and added Matlab stuff.

Change #352 with diff file ISSM-19464-19465.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: Jenkins script to only run for CPU numbers of power of 2.

Change #353 with diff file ISSM-19465-19466.diff:

Function name:

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

Export determination: 6.
Rationale: CHG: changed default stabilization for damage evolution since SUPG is broken

Change #354 with diff file ISSM-19466-19467.diff:
Function name:
M /issm/trunk-jpl/src/m/mech/mechanicalproperties.py
Export determination: 6.
Rationale: CHG: working on better handling of damage-dependent mechanical properties calculation

Change #355 with diff file ISSM-19467-19468.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/InterpFromMeshToMesh2dx/InterpFromMeshToMesh2dx.cpp
Export determination: 6.
Rationale: BUG: better handling of P0 interpolation if outside of mesh

Change #356 with diff file ISSM-19468-19469.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/InterpFromMeshToMesh2dx/InterpFromMeshToMesh2dx.cpp
Export determination: 6.
Rationale: CHG: minor bug

Change #357 with diff file ISSM-19469-19470.diff:
Function name:
M /issm/trunk-jpl/jenkins/linux64.caladan
Export determination: 6.
Rationale: CHG: Removed cmake from externalpackages list for Jenkins caladan build.

Change #358 with diff file ISSM-19470-19471.diff:
Function name:
M /issm/trunk-jpl/jenkins/jenkins.sh M /issm/trunk-jpl/jenkins/linux64.caladan

Export determination: 6.

Rationale: CHG: Restored previous increment style for rank. CHG: Reduced number of CPUs for new Jenkins, as it was overworking the machine.

Change #359 with diff file ISSM-19471-19472.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_caladan A /issm/trunk-jpl/jenkins/linux64_caladan_ad

A /issm/trunk-jpl/jenkins/linux64_caladan_ampi

Export determination: 6.

Rationale: CHG: upped the number of CPU ranks to test performance. ADD: New caladan AD and AMPI Jenkins files.

Change #360 with diff file ISSM-19472-19473.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_caladan_ad M /issm/trunk-jpl/jenkins/linux64_caladan_ampi

Export determination: 6.

Rationale: CHG: Changed the matlab path to the corrent one.

Change #361 with diff file ISSM-19473-19474.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_caladan_ampi

Export determination: 6.

Rationale: CHG: Fixed incorrect gfortran location for new Jenkins AD build.

Change #362 with diff file ISSM-19474-19475.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_caladan_ampi

Export determination: 6.

Rationale: FIX: minor typo.

Change #363 with diff file ISSM-19475-19476.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test3019.m

Export determination: 6.
Rationale: BUG: wrong test name

Change #364 with diff file ISSM-19476-19477.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/LevelsetAnalysis.cpp M /issm/trunk-jpl/src/c/classes/Elements/Element.h
M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.h
M /issm/trunk-jpl/src/c/classes/FemModel.cpp M /issm/trunk-jpl/src/c/classes/FemModel.h

Export determination: 6.

Rationale: NEW: added ResetLevelset function

Change #365 with diff file ISSM-19477-19478.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/LevelsetAnalysis.cpp

Export determination: 6.

Rationale: CHG: fixed hardcoding of DefaultCalvinglaw

Change #366 with diff file ISSM-19478-19479.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: double should be IssmDouble

Change #367 with diff file ISSM-19479-19480.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/StressbalanceAnalysis.cpp M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp M /issm/trunk-jpl/src/c/classes/Elements/Element.h
M /issm/trunk-jpl/src/c/classes/Loads/Friction.cpp M /issm/trunk-jpl/src/c/classes/Loads/Friction.h
M /issm/trunk-jpl/src/c/modules/FloatingiceMeltingRatex/FloatingiceMeltingRatex.cpp
M /issm/trunk-jpl/src/c/modules/FloatingiceMeltingRatex/FloatingiceMeltingRatex.h
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateParameters.cpp M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToString.h
M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp A /issm/trunk-jpl/src/m/classes/frictioncoulomb.cpp
A /issm/trunk-jpl/src/m/classes/mismipbasalforcings.m A /issm/trunk-jpl/src/m/enum/BasalforcingsMeltingRatex.h
A /issm/trunk-jpl/src/m/enum/BasalforcingsThresholdThicknessEnum.m A /issm/trunk-

jpl/src/m/enum/BasalforcingsUpperdepthMeltEnum.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py
A /issm/trunk-jpl/src/m/enum/FrictionCoefficientcoulombEnum.m A /issm/trunk-jpl/src/m/enum/MismipFloatingMeltRateEnum.m
Export determination: 6.
Rationale: New: added new basalforcings and friction law classes for mismip+

Change #368 with diff file ISSM-19480-19481.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: minor print verbose only for the first node

Change #369 with diff file ISSM-19481-19482.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp M /issm/trunk-jpl/src/m/classes/mismipbasalforcings

A /issm/trunk-jpl/test/Archives/Archive293.nc A /issm/trunk-jpl/test/NightlyRun/test293.m

Export determination: 6.

Rationale: BUG: fixed mismip melting rate and added NR test

Change #370 with diff file ISSM-19482-19483.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/FSanlyticals/fsanlyticals.cpp

Export determination: 6.

Rationale: CHG: minor analytical stokes

Change #371 with diff file ISSM-19483-19484.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive293.nc

Export determination: 6.

Rationale: BUG: trying to fix archive for 293

Change #372 with diff file ISSM-19484-19485.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test3019.py

Export determination: 6.

Rationale: BUG: fixed python test

Change #373 with diff file ISSM-19485-19486.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: floating ice melting rate not converted in years in parseresults

Change #374 with diff file ISSM-19486-19487.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: minor lagrangian can be zero

Change #375 with diff file ISSM-19487-19488.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive293.nc

Export determination: 6.

Rationale: BUG: updated archive for melt rate in yrs

Change #376 with diff file ISSM-19488-19489.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Loads/Friction.cpp

Export determination: 6.

Rationale: BUG: floatation is from sae water and not freshwater

Change #377 with diff file ISSM-19489-19490.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: adding error message for GSL solver if not compiled:

Change #378 with diff file ISSM-19490-19491.diff:

Function name:

M /issm/trunk-jpl/externalpackages/adolc/install-withampi.sh M /issm/trunk-jpl/m4/issm_options.m4 M /issm/trunk-jpl/src/c/cores/ad_core.cpp M /issm/trunk-jpl/src/c/shared/Numerics/isnan.h M /issm/trunk-jpl/src/c/toolkits/gsl/DenseGslSolve.cpp

Export determination: 6.

Rationale: Patches to use latest ADOL-C

Change #379 with diff file ISSM-19491-19492.diff:

Function name:

M /issm/trunk-jpl/externalpackages/adolc/install.sh M /issm/trunk-jpl/src/c/toolkits/mumps/MumpsSolve.c

Export determination: 6.

Rationale: FIX: Updated MumpsSolve.cpp to agree with new ADOLC. CHG:

Updated install.sh to install newest version of ADOLC.

Change #380 with diff file ISSM-19492-19493.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_caladan M /issm/trunk-jpl/jenkins/linux64_caladan_ad

M /issm/trunk-jpl/jenkins/linux64_caladan_ampi

Export determination: 6.

Rationale: CHG: Reduced the rank number. Experimenting with Jenkins performance.

Change #381 with diff file ISSM-19493-19494.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added option to add line(s) to colorbar at specifically defined levels

Change #382 with diff file ISSM-19494-19495.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_murdo_ad M /issm/trunk-jpl/jenkins/linux64_murdo_ampi
Export determination: 6.
Rationale: CHG: DO NOT USE ISSM's git, does not work with https, use system's git

Change #383 with diff file ISSM-19495-19496.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Autodiff/CreateParametersAutodiff.cpp
Export determination: 6.
Rationale: CHG: fix for the AD test3015 bug.

Change #384 with diff file ISSM-19496-19497.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Autodiff/CreateParametersAutodiff.cpp
Export determination: 6.
Rationale: BUG: Minor order change to make sure fix for test3015 does not blow up non AD builds.

Change #385 with diff file ISSM-19497-19498.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Autodiff/CreateParametersAutodiff.cpp
Export determination: 6.
Rationale: FIX: Mismatched brace.

Change #386 with diff file ISSM-19498-19499.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test3119.m
Export determination: 6.
Rationale: CHG: Fixed name issue with test3119.m

Change #387 with diff file ISSM-19499-19500.diff:
Function name:
M /issm/trunk-jpl/externalpackages/windows/windows_environment.sh

Export determination: 6.
Rationale: CHG: changed config for Jenkins windows build.

Change #388 with diff file ISSM-19500-19501.diff:
Function name:
M /issm/trunk-jpl/jenkins/windows
Export determination: 6.
Rationale: CHG: changed MATLAB_PATH to match new Jenkins Windows machine.

Change #389 with diff file ISSM-19501-19502.diff:
Function name:
M /issm/trunk-jpl/jenkins/windows
Export determination: 6.
Rationale: CHG: Reduced the number of install CPUS.

Change #390 with diff file ISSM-19502-19503.diff:
Function name:
M /issm/trunk-jpl/jenkins/windows
Export determination: 6.
Rationale: CHG: MATLAB_PATH from Windows to Unix style.

Change #391 with diff file ISSM-19503-19504.diff:
Function name:
M /issm/trunk-jpl/externalpackages/windows/windows_environment.sh
Export determination: 6.
Rationale: CHG: Changed windows_environment script to grab different config file.

Change #392 with diff file ISSM-19504-19505.diff:
Function name:
M /issm/trunk-jpl/externalpackages/windows/windows_environment.sh
Export determination: 6.

Rationale: CHG: Changed windows_environment script to be the same for 64 and 32 bit for testing purposes.

Change #393 with diff file ISSM-19505-19506.diff:

Function name:

M /issm/trunk-jpl/src/m/interp/ProfileValues.m

Export determination: 6.

Rationale: CHG: improved help doc for ProfileValues

Change #394 with diff file ISSM-19506-19507.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/OutputResultsx/OutputResultsx.cpp M /issm/trunk-jpl/src/m/solve/parseresultsfromdisk.m

Export determination: 6.

Rationale: BUG: fixed md.results.TransientSolution(1).time, overwritten by solutiontype to -1/yts. Added logic with -9999

Change #395 with diff file ISSM-19507-19508.diff:

Function name:

M /issm/trunk-jpl/jenkins/windows

Export determination: 6.

Rationale: BUG: fixed matlab path that had a space

Change #396 with diff file ISSM-19508-19509.diff:

Function name:

M /issm/trunk-jpl/jenkins/windows

Export determination: 6.

Rationale: FIX: path to matlab install was slightly incorrect.

Change #397 with diff file ISSM-19509-19510.diff:

Function name:

M /issm/trunk-jpl/jenkins/windows

Export determination: 6.

Rationale: CHG: changed single quotes to double

Change #398 with diff file ISSM-19510-19511.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: trying to get Matlab executable path to work on Jenkins Win8 build.

Change #399 with diff file ISSM-19511-19512.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: updated cmake

Change #400 with diff file ISSM-19512-19513.diff:

Function name:

M /issm/trunk-jpl/jenkins/windows

Export determination: 6.

Rationale: CHG: Removed CMake on list of packages needed to install from externalpackages. Reason is that Cygwin can install the same version.

Change #401 with diff file ISSM-19513-19514.diff:

Function name:

A /issm/trunk-jpl/jenkins/windows_test

Export determination: 6.

Rationale: ADD: Windows Jenkins config file for Matlab tests.

Change #402 with diff file ISSM-19514-19515.diff:

Function name:

M /issm/trunk-jpl/jenkins/windows

Export determination: 6.

Rationale: CHG: disabled development.

Change #403 with diff file ISSM-19515-19516.diff:

Function name:

M /issm/trunk-jpl/jenkins/windows

Export determination: 6.

Rationale: BUG: configuration issue.

Change #404 with diff file ISSM-19516-19517.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_caladan_ad M /issm/trunk-jpl/jenkins/linux64_caladan_ampi

Export determination: 6.

Rationale: CHG: Decreased number of CPUs to install with for new Jenkins

AD runs.

Change #405 with diff file ISSM-19517-19518.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test124.m

Export determination: 6.

Rationale: CHG: relaxed test tolerances slightly.

Change #406 with diff file ISSM-19518-19519.diff:

Function name:

M /issm/trunk-jpl/externalpackages/cmake/install.sh M /issm/trunk-jpl/m4/analyses.m4

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

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

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

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

M /issm/trunk-jpl/src/c/classes/FemModel.h M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h

M /issm/trunk-jpl/src/c/shared/Enum/EnumToStringx.cpp M /issm/trunk-jpl/src/c/shared/Enum/StringToEnum.cpp

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

M /issm/trunk-jpl/test/NightlyRun/test208.m M /issm/trunk-jpl/test/NightlyRun/test210.m

M /issm/trunk-jpl/test/NightlyRun/test314.m M /issm/trunk-jpl/test/NightlyRun/test317.m

Export determination: 6.

Rationale: NEW: added GroundedArea in possible outputs

Change #407 with diff file ISSM-19519-19520.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive408.nc M /issm/trunk-jpl/test/Archives/Archive409.nc

M /issm/trunk-jpl/test/NightlyRun/test408.m M /issm/trunk-jpl/test/NightlyRun/test409.m

Export determination: 6.

Rationale: NEW: added grounded area check in NR

Change #408 with diff file ISSM-19520-19521.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: reverted back

Change #409 with diff file ISSM-19521-19522.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive314.nc M /issm/trunk-jpl/test/Archives/Archive317.nc

M /issm/trunk-jpl/test/NightlyRun/test314.m

Export determination: 6.

Rationale: BUG: fixed NR

Change #410 with diff file ISSM-19522-19523.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test314.py M /issm/trunk-jpl/test/NightlyRun/test317.py

M /issm/trunk-jpl/test/NightlyRun/test408.py M /issm/trunk-jpl/test/NightlyRun/test409.py

Export determination: 6.

Rationale: BUG: fixed python NR

Change #411 with diff file ISSM-19523-19524.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive314.nc M /issm/trunk-jpl/test/Archives/Archive317.nc

M /issm/trunk-jpl/test/Archives/Archive409.nc M /issm/trunk-jpl/test/NightlyRun/test314.m

M /issm/trunk-jpl/test/NightlyRun/test314.py M /issm/trunk-jpl/test/NightlyRun/test317.m

M /issm/trunk-jpl/test/NightlyRun/test317.py M /issm/trunk-jpl/test/NightlyRun/test404.m

M /issm/trunk-jpl/test/NightlyRun/test404.py M /issm/trunk-jpl/test/NightlyRun/test409.m

M /issm/trunk-jpl/test/NightlyRun/test409.py M /issm/trunk-jpl/test/NightlyRun/test513.m

M /issm/trunk-jpl/test/NightlyRun/test513.py
Export determination: 6.
Rationale: CHG: fixed NR (hopefully)

Change #412 with diff file ISSM-19524-19525.diff:
Function name:
A /issm/trunk-jpl/src/m/classes/SMBgemb.m
Export determination: 6.
Rationale: CHG: initiating conversion of GEMB model to ISSM framework, starting with SMBgemb.m class. Mapped out MASTER_RUN into the class constructor, display and setdefaults methods.

Change #413 with diff file ISSM-19525-19526.diff:
Function name:
A /issm/trunk-jpl/test/NightlyRun/test243.m
Export determination: 6.
Rationale: CHG: initial test for GEMB capability in ISSM. Not fully implemented yet.

Change #414 with diff file ISSM-19526-19527.diff:
Function name:
A /issm/trunk-jpl/test/NightlyRun/gemb.m (from /issm/trunk-jpl/test/NightlyRun/test243.m:19525)
D /issm/trunk-jpl/test/NightlyRun/test243.m
Export determination: 6.
Rationale: CHG: not ready for prime time.

Change #415 with diff file ISSM-19527-19528.diff:
Function name:
M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/analyses/Balancethickness2Analysis.cpp
M /issm/trunk-jpl/src/c/analyses/BalancethicknessAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/BalancevelocityAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/FreeSurfaceTopAnalysis.cpp
M /issm/trunk-jpl/src/c/analyses/MasstransportAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/StressbalanceVerticalAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/ThermalAnalysis.cpp
M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp
M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/FemModel.cpp

M /issm/trunk-jpl/src/c/classes/Materials/Matpar.cpp M /issm/trunk-jpl/src/c/cores/cores.h
M /issm/trunk-jpl/src/c/cores/damage_core.cpp M /issm/trunk-jpl/src/c/cores/hydrology_core.cpp
M /issm/trunk-jpl/src/c/cores/masstransport_core.cpp A /issm/trunk-jpl/src/c/cores/smb_core.cpp
M /issm/trunk-jpl/src/c/cores/stressbalance_core.cpp M /issm/trunk-jpl/src/c/cores/transient_core.cpp
M /issm/trunk-jpl/src/c/main/esmfbinders.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreatePa
M /issm/trunk-jpl/src/c/modules/SurfaceMassBalance/SurfaceMassBalance.cpp
M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt
M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/c/shared/Enum/Synchron
M /issm/trunk-jpl/src/m/boundaryconditions/SetIceSheetBC.m M /issm/trunk-
jpl/src/m/boundaryconditions/SetIceSheetBC.py M /issm/trunk-jpl/src/m/boundaryconditions/SetIceShelfBC
M /issm/trunk-jpl/src/m/boundaryconditions/SetIceShelfBC.py M /issm/trunk-
jpl/src/m/boundaryconditions/SetMarineIceSheetBC.m M /issm/trunk-jpl/src/m/boundaryconditions/SetMa
M /issm/trunk-jpl/src/m/classes/SMBcomponents.m M /issm/trunk-jpl/src/m/classes/SMBcomponents.py
M /issm/trunk-jpl/src/m/classes/SMBd18opdd.m M /issm/trunk-jpl/src/m/classes/SMBd18opdd.py
A /issm/trunk-jpl/src/m/classes/SMBforcing.m A /issm/trunk-jpl/src/m/classes/SMBforcing.py
M /issm/trunk-jpl/src/m/classes/SMBgemb.m M /issm/trunk-jpl/src/m/classes/SMBgradients.m
M /issm/trunk-jpl/src/m/classes/SMBgradients.py M /issm/trunk-jpl/src/m/classes/SMBhenning.m
M /issm/trunk-jpl/src/m/classes/SMBmeltcomponents.m M /issm/trunk-jpl/src/m/classes/SMBmeltcomponen
M /issm/trunk-jpl/src/m/classes/SMBpdd.m M /issm/trunk-jpl/src/m/classes/SMBpdd.py
M /issm/trunk-jpl/src/m/classes/model.m M /issm/trunk-jpl/src/m/classes/model.py
M /issm/trunk-jpl/src/m/classes/oldclasses/surfaceforcings.m M /issm/trunk-
jpl/src/m/classes/transient.m M /issm/trunk-jpl/src/m/classes/transient.py M
/issm/trunk-jpl/src/m/contrib/hack/tres.m M /issm/trunk-jpl/src/m/contrib/netCDF/ClassTry.py
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py D /issm/trunk-jpl/src/m/enum/SMBEnum.m
A /issm/trunk-jpl/src/m/enum/SMBforcingEnum.m A /issm/trunk-jpl/src/m/enum/SmbAccumulationEnum
A /issm/trunk-jpl/src/m/enum/SmbBNegEnum.m A /issm/trunk-jpl/src/m/enum/SmbBPosEnum.m
A /issm/trunk-jpl/src/m/enum/SmbDelta18oEnum.m A /issm/trunk-jpl/src/m/enum/SmbDelta18oSurfaceEn
A /issm/trunk-jpl/src/m/enum/SmbDesfacEnum.m A /issm/trunk-jpl/src/m/enum/SmbDpermilEnum.m
A /issm/trunk-jpl/src/m/enum/SmbEvaporationEnum.m A /issm/trunk-jpl/src/m/enum/SmbHrefEnum.m
A /issm/trunk-jpl/src/m/enum/SmbIsd18opdEnum.m A /issm/trunk-jpl/src/m/enum/SmbIsdelta18oEnum.m
A /issm/trunk-jpl/src/m/enum/SmbIsmungsmEnum.m A /issm/trunk-jpl/src/m/enum/SmbIspddEnum.m
A /issm/trunk-jpl/src/m/enum/SmbIssmbgradientsEnum.m A /issm/trunk-jpl/src/m/enum/SmbMassBalance
A /issm/trunk-jpl/src/m/enum/SmbMeltEnum.m A /issm/trunk-jpl/src/m/enum/SmbMonthlytemperaturesE
A /issm/trunk-jpl/src/m/enum/SmbNumRequestedOutputsEnum.m A /issm/trunk-
jpl/src/m/enum/SmbPfacEnum.m A /issm/trunk-jpl/src/m/enum/SmbPrecipitationEnum.m
A /issm/trunk-jpl/src/m/enum/SmbPrecipitationsLgmEnum.m A /issm/trunk-
jpl/src/m/enum/SmbPrecipitationsPresentdayEnum.m A /issm/trunk-jpl/src/m/enum/SmbRefreezeEnum.m
A /issm/trunk-jpl/src/m/enum/SmbRequestedOutputsEnum.m A /issm/trunk-
jpl/src/m/enum/SmbRlapsEnum.m A /issm/trunk-jpl/src/m/enum/SmbRlapslgmEnum.m
A /issm/trunk-jpl/src/m/enum/SmbRunoffEnum.m A /issm/trunk-jpl/src/m/enum/SmbS0pEnum.m
A /issm/trunk-jpl/src/m/enum/SmbS0tEnum.m A /issm/trunk-jpl/src/m/enum/SmbSealevEnum.m
A /issm/trunk-jpl/src/m/enum/SmbSmbrefEnum.m A /issm/trunk-jpl/src/m/enum/SmbSolutionEnum.m
A /issm/trunk-jpl/src/m/enum/SmbTdiffEnum.m A /issm/trunk-jpl/src/m/enum/SmbTemperaturesLgmEnu
A /issm/trunk-jpl/src/m/enum/SmbTemperaturesPresentdayEnum.m D /issm/trunk-
jpl/src/m/enum/SurfaceforcingsAccumulationEnum.m D /issm/trunk-jpl/src/m/enum/SurfaceforcingsBNegE
D /issm/trunk-jpl/src/m/enum/SurfaceforcingsBPosEnum.m D /issm/trunk-

jpl/src/m/enum/SurfaceforcingsDelta18oEnum.m D /issm/trunk-jpl/src/m/enum/SurfaceforcingsDelta18oSur
 D /issm/trunk-jpl/src/m/enum/SurfaceforcingsDesfacEnum.m D /issm/trunk-
 jpl/src/m/enum/SurfaceforcingsDpermilEnum.m D /issm/trunk-jpl/src/m/enum/SurfaceforcingsEnum.m
 D /issm/trunk-jpl/src/m/enum/SurfaceforcingsEvaporationEnum.m D /issm/trunk-
 jpl/src/m/enum/SurfaceforcingsHrefEnum.m D /issm/trunk-jpl/src/m/enum/SurfaceforcingsIsd18opdEnum.m
 D /issm/trunk-jpl/src/m/enum/SurfaceforcingsIsdelta18oEnum.m D /issm/trunk-
 jpl/src/m/enum/SurfaceforcingsIsmungsmEnum.m D /issm/trunk-jpl/src/m/enum/SurfaceforcingsIspddEnum
 D /issm/trunk-jpl/src/m/enum/SurfaceforcingsIssmbgradientsEnum.m D /issm/trunk-
 jpl/src/m/enum/SurfaceforcingsMassBalanceEnum.m D /issm/trunk-jpl/src/m/enum/SurfaceforcingsMeltEnu
 D /issm/trunk-jpl/src/m/enum/SurfaceforcingsMonthlytemperaturesEnum.m D
 /issm/trunk-jpl/src/m/enum/SurfaceforcingsPfacEnum.m D /issm/trunk-jpl/src/m/enum/SurfaceforcingsPre
 D /issm/trunk-jpl/src/m/enum/SurfaceforcingsPrecipitationsLgmEnum.m D /issm/trunk-
 jpl/src/m/enum/SurfaceforcingsPrecipitationsPresentdayEnum.m D /issm/trunk-
 jpl/src/m/enum/SurfaceforcingsRefreezeEnum.m D /issm/trunk-jpl/src/m/enum/SurfaceforcingsRlapsEnum.m
 D /issm/trunk-jpl/src/m/enum/SurfaceforcingsRlapslgmEnum.m D /issm/trunk-
 jpl/src/m/enum/SurfaceforcingsRunoffEnum.m D /issm/trunk-jpl/src/m/enum/SurfaceforcingsS0pEnum.m
 D /issm/trunk-jpl/src/m/enum/SurfaceforcingsS0tEnum.m D /issm/trunk-jpl/src/m/enum/SurfaceforcingsSe
 D /issm/trunk-jpl/src/m/enum/SurfaceforcingsSmbrefEnum.m D /issm/trunk-
 jpl/src/m/enum/SurfaceforcingsTdiffEnum.m D /issm/trunk-jpl/src/m/enum/SurfaceforcingsTemperaturesLg
 D /issm/trunk-jpl/src/m/enum/SurfaceforcingsTemperaturesPresentdayEnum.m
 A /issm/trunk-jpl/src/m/enum/TransientIssmbEnum.m A /issm/trunk-jpl/src/m/enum/list2
 M /issm/trunk-jpl/src/m/solve/parseresultsfromdisk.m M /issm/trunk-jpl/src/m/solve/parseresultsfromdisk.p
 M /issm/trunk-jpl/src/wrappers/InterpFromMeshToMesh2d/InterpFromMeshToMesh2d.cpp
 M /issm/trunk-jpl/test/NightlyRun/gemb.m M /issm/trunk-jpl/test/NightlyRun/test105.m
 M /issm/trunk-jpl/test/NightlyRun/test109.m M /issm/trunk-jpl/test/NightlyRun/test109.py
 M /issm/trunk-jpl/test/NightlyRun/test1201.m M /issm/trunk-jpl/test/NightlyRun/test1201.py
 M /issm/trunk-jpl/test/NightlyRun/test121.m M /issm/trunk-jpl/test/NightlyRun/test121.py
 M /issm/trunk-jpl/test/NightlyRun/test1501.m M /issm/trunk-jpl/test/NightlyRun/test1501.py
 M /issm/trunk-jpl/test/NightlyRun/test1502.m M /issm/trunk-jpl/test/NightlyRun/test1502.py
 M /issm/trunk-jpl/test/NightlyRun/test207.m M /issm/trunk-jpl/test/NightlyRun/test207.py
 M /issm/trunk-jpl/test/NightlyRun/test228.m M /issm/trunk-jpl/test/NightlyRun/test228.py
 M /issm/trunk-jpl/test/NightlyRun/test229.m M /issm/trunk-jpl/test/NightlyRun/test229.py
 M /issm/trunk-jpl/test/NightlyRun/test230.m M /issm/trunk-jpl/test/NightlyRun/test230.py
 M /issm/trunk-jpl/test/NightlyRun/test231.m M /issm/trunk-jpl/test/NightlyRun/test231.py
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 M /issm/trunk-jpl/test/NightlyRun/test234.m M /issm/trunk-jpl/test/NightlyRun/test235.m
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 M /issm/trunk-jpl/test/NightlyRun/test3009.m M /issm/trunk-jpl/test/NightlyRun/test3009.py
 M /issm/trunk-jpl/test/NightlyRun/test3109.m M /issm/trunk-jpl/test/NightlyRun/test3109.py
 M /issm/trunk-jpl/test/NightlyRun/test313.m M /issm/trunk-jpl/test/NightlyRun/test313.py

M /issm/trunk-jpl/test/NightlyRun/test326.m M /issm/trunk-jpl/test/NightlyRun/test326.py
M /issm/trunk-jpl/test/NightlyRun/test328.m M /issm/trunk-jpl/test/NightlyRun/test328.py
M /issm/trunk-jpl/test/NightlyRun/test329.m M /issm/trunk-jpl/test/NightlyRun/test329.py
M /issm/trunk-jpl/test/NightlyRun/test336.m M /issm/trunk-jpl/test/NightlyRun/test336.py
M /issm/trunk-jpl/test/NightlyRun/test337.m M /issm/trunk-jpl/test/NightlyRun/test337.py
M /issm/trunk-jpl/test/NightlyRun/test338.m M /issm/trunk-jpl/test/NightlyRun/test338.py
M /issm/trunk-jpl/test/NightlyRun/test339.m M /issm/trunk-jpl/test/NightlyRun/test339.py
M /issm/trunk-jpl/test/NightlyRun/test4001.m M /issm/trunk-jpl/test/NightlyRun/test407.m
M /issm/trunk-jpl/test/NightlyRun/test407.py M /issm/trunk-jpl/test/NightlyRun/test423.m
M /issm/trunk-jpl/test/NightlyRun/test423.py M /issm/trunk-jpl/test/NightlyRun/test424.m
M /issm/trunk-jpl/test/NightlyRun/test424.py M /issm/trunk-jpl/test/NightlyRun/test425.m
M /issm/trunk-jpl/test/NightlyRun/test425.py M /issm/trunk-jpl/test/NightlyRun/test426.m
M /issm/trunk-jpl/test/NightlyRun/test426.py M /issm/trunk-jpl/test/NightlyRun/test427.m
M /issm/trunk-jpl/test/NightlyRun/test427.py M /issm/trunk-jpl/test/NightlyRun/test433.m
M /issm/trunk-jpl/test/NightlyRun/test433.py M /issm/trunk-jpl/test/NightlyRun/test435.m
M /issm/trunk-jpl/test/NightlyRun/test437.m M /issm/trunk-jpl/test/NightlyRun/test515.m
M /issm/trunk-jpl/test/NightlyRun/test515.py M /issm/trunk-jpl/test/NightlyRun/test703.m
M /issm/trunk-jpl/test/NightlyRun/test801.m M /issm/trunk-jpl/test/NightlyRun/test801.py
M /issm/trunk-jpl/test/NightlyRun/test802.m M /issm/trunk-jpl/test/NightlyRun/test802.py
M /issm/trunk-jpl/test/NightlyRun/test803.m M /issm/trunk-jpl/test/NightlyRun/test803.py
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M /issm/trunk-jpl/test/NightlyRun/test806.m M /issm/trunk-jpl/test/NightlyRun/test806.py
M /issm/trunk-jpl/test/NightlyRun/test807.m M /issm/trunk-jpl/test/NightlyRun/test807.py
M /issm/trunk-jpl/test/Par/79North.par M /issm/trunk-jpl/test/Par/79North.py
M /issm/trunk-jpl/test/Par/RoundSheetEISMINT.par M /issm/trunk-jpl/test/Par/RoundSheetEISMINT.py
M /issm/trunk-jpl/test/Par/RoundSheetShelf.par M /issm/trunk-jpl/test/Par/RoundSheetShelf.py
M /issm/trunk-jpl/test/Par/RoundSheetStaticEISMINT.par M /issm/trunk-jpl/test/Par/RoundSheetStaticEISMINT.py
M /issm/trunk-jpl/test/Par/SquareEISMINT.par M /issm/trunk-jpl/test/Par/SquareEISMINT.py
M /issm/trunk-jpl/test/Par/SquareSheetShelf.par M /issm/trunk-jpl/test/Par/SquareSheetShelf.py
M /issm/trunk-jpl/test/Par/SquareShelfConstrained.par M /issm/trunk-jpl/test/Par/SquareShelfConstrained.py
M /issm/trunk-jpl/test/Par/SquareThermal.par M /issm/trunk-jpl/test/Par/SquareThermal.py
M /issm/trunk-jpl/test/Par/ValleyGlacierShelf.par M /issm/trunk-jpl/test/Par/ValleyGlacierShelf.py
Export determination: 6.

Rationale: CHG: moved md.surfaceforcings to md.smb. By doing so, had to re-name the SMB class to SMBforcing class (it's just that, a mass_balance forcing inside a SMB class, hence the name). We also now have an smb_core solution, taken out of the mass transport core. Makes more sense long term. Synced all enums according to the new changes, and operated the adjustments in all the test decks. In addition, progressing in terms of GEMB integration into ISSM, specifically at the SMBgemb level (which is spurring all the changes described above). Brought the class up to the level of the GEMB.m call in Alex's code. Starting the C integration now.

Change #416 with diff file ISSM-19528-19529.diff:

Function name:

M /issm/trunk-jpl/m4/analyses.m4 M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/analyses/EnumToAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/MasstransportAnalysis.cpp A /issm/trunk-jpl/src/c/analyses/SmbAnalysis.cpp A /issm/trunk-jpl/src/c/analyses/SmbAnalysis.h M /issm/trunk-jpl/src/c/analyses/analyses.h M /issm/trunk-jpl/src/c/classes/FemModel.cpp M /issm/trunk-jpl/src/c/cores/smb_core.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateParam M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/classes/SMBgemb.m M /issm/trunk-jpl/src/m/consistency/checkfield.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/EnumDefinitions.pyc A /issm/trunk-jpl/src/m/enum/SMBgembEnum.m A /issm/trunk-jpl/src/m/enum/SmbAIceEnum.m A /issm/trunk-jpl/src/m/enum/SmbAIdxEnum.m A /issm/trunk-jpl/src/m/enum/SmbASnowEnum.m A /issm/trunk-jpl/src/m/enum/SmbAnalysisEnum.m A /issm/trunk-jpl/src/m/enum/SmbCEnum.m A /issm/trunk-jpl/src/m/enum/SmbCldFracEnum.m A /issm/trunk-jpl/src/m/enum/SmbDenIdxEnum.m A /issm/trunk-jpl/src/m/enum/SmbDlwrfEnum.m A /issm/trunk-jpl/src/m/enum/SmbDswrfEnum.m A /issm/trunk-jpl/src/m/enum/SmbDzMinEnum.m A /issm/trunk-jpl/src/m/enum/SmbDzTopEnum.m A /issm/trunk-jpl/src/m/enum/SmbEAirEnum.m A /issm/trunk-jpl/src/m/enum/SmbEnum.m A /issm/trunk-jpl/src/m/enum/SmbKEnum.m A /issm/trunk-jpl/src/m/enum/SmbOutputFreqEnum.m A /issm/trunk-jpl/src/m/enum/SmbPAirEnum.m A /issm/trunk-jpl/src/m/enum/SmbPEnum.m A /issm/trunk-jpl/src/m/enum/SmbSpinUpEnum.m A /issm/trunk-jpl/src/m/enum/SmbSwIdxEnum.m A /issm/trunk-jpl/src/m/enum/SmbT0dryEnum.m A /issm/trunk-jpl/src/m/enum/SmbT0wetEnum.m A /issm/trunk-jpl/src/m/enum/SmbTaEnum.m A /issm/trunk-jpl/src/m/enum/SmbTmeanEnum.m A /issm/trunk-jpl/src/m/enum/SmbTzEnum.m A /issm/trunk-jpl/src/m/enum/SmbVEnum.m A /issm/trunk-jpl/src/m/enum/SmbVzEnum.m A /issm/trunk-jpl/src/m/enum/SmbZMaxEnum.m A /issm/trunk-jpl/src/m/enum/SmbZMinEnum.m A /issm/trunk-jpl/src/m/enum/SmbZTopEnum.m A /issm/trunk-jpl/src/m/enum/SmbZYEnum.m M /issm/trunk-jpl/test/NightlyRun/test109.m M /issm/trunk-jpl/test/NightlyRun/test109.py M /issm/trunk-jpl/test/NightlyRun/test121.m M /issm/trunk-jpl/test/NightlyRun/test121.py M /issm/trunk-jpl/test/NightlyRun/test207.m M /issm/trunk-jpl/test/NightlyRun/test207.py M /issm/trunk-jpl/test/NightlyRun/test232.m M /issm/trunk-jpl/test/NightlyRun/test232.py M /issm/trunk-jpl/test/NightlyRun/test3009.m M /issm/trunk-jpl/test/NightlyRun/test3009.py M /issm/trunk-jpl/test/NightlyRun/test3109.m M /issm/trunk-jpl/test/NightlyRun/test3109.py M /issm/trunk-jpl/test/NightlyRun/test313.m M /issm/trunk-jpl/test/NightlyRun/test313.py M /issm/trunk-jpl/test/NightlyRun/test326.m M /issm/trunk-jpl/test/NightlyRun/test326.py M /issm/trunk-jpl/test/NightlyRun/test407.m M /issm/trunk-jpl/test/NightlyRun/test407.py M /issm/trunk-jpl/test/NightlyRun/test437.m M /issm/trunk-jpl/test/NightlyRun/test515.m M /issm/trunk-jpl/test/NightlyRun/test515.py

Export determination: 6.

Rationale: CHG: transferred Smb code from the Masstransport side of things into a full fledged SmbAnalysis object.

Change #417 with diff file ISSM-19529-19530.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test333.m M /issm/trunk-jpl/test/NightlyRun/test333.py
M /issm/trunk-jpl/test/NightlyRun/test335.m M /issm/trunk-jpl/test/NightlyRun/test423.m
M /issm/trunk-jpl/test/NightlyRun/test423.py M /issm/trunk-jpl/test/NightlyRun/test433.m
M /issm/trunk-jpl/test/NightlyRun/test433.py
Export determination: 6.
Rationale: CHG: issmb should be turned on for these tests

Change #418 with diff file ISSM-19530-19531.diff:
Function name:
M /issm/trunk-jpl/src/c/shared/Enum/Synchronize.sh
Export determination: 6.
Rationale: BUG: reverted to normal

Change #419 with diff file ISSM-19531-19532.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/StressbalanceSIAAnalysis.cpp
Export determination: 6.
Rationale: CHG: no need to check for drag if type=1

Change #420 with diff file ISSM-19532-19533.diff:
Function name:
A /issm/trunk-jpl/externalpackages/dakota/configs/6.1 A /issm/trunk-jpl/externalpackages/dakota/configs/6
A /issm/trunk-jpl/externalpackages/dakota/configs/6.1/BuildDakotaCustom.cmake.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/6.1/CMakeLists.txt.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/6.1/CMakeLists.txt.pfe.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/6.1/DakotaDev.cmake.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/6.1/NonDLocalReliability.cpp.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/6.1/NonDSampling.cpp.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/6.1/ParallelLibrary.cpp.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/6.1/ParallelLibrary.hpp.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/6.1/pecos_global_defs.hpp.patch
A /issm/trunk-jpl/externalpackages/dakota/install-6.1-linux64.sh
Export determination: 6.
Rationale: NEW: add config scripts for 6.1

Change #421 with diff file ISSM-19533-19534.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: fixed elementstype

Change #422 with diff file ISSM-19534-19535.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/StressbalanceSIAAnalysis.cpp

Export determination: 6.

Rationale: CHG: drag_input not always necessary

Change #423 with diff file ISSM-19535-19536.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: DO SIA LAST! Otherwise spcs might not be set up correctly (SIA should have priority)

Change #424 with diff file ISSM-19536-19537.diff:

Function name:

D /issm/trunk-jpl/src/m/enum/EnumDefinitions.pyc

Export determination: 6.

Rationale: CHG: this file SHOULD NOT be under svn

Change #425 with diff file ISSM-19537-19538.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive303.nc M /issm/trunk-jpl/test/Archives/Archive306.nc

Export determination: 6.

Rationale: CHG: now that SSA/SIA coupling has been updated

Change #426 with diff file ISSM-19538-19539.diff:

Function name:
M /issm/trunk-jpl/externalpackages/dakota/install-6.1-linux64.sh
Export determination: 6.
Rationale: BUG: minor naming error

Change #427 with diff file ISSM-19539-19540.diff:

Function name:
M /issm/trunk-jpl/externalpackages/dakota/configs/6.1/BuildDakotaCustom.cmake.patch
Export determination: 6.
Rationale: BUG: typo extra _

Change #428 with diff file ISSM-19540-19541.diff:

Function name:
M /issm/trunk-jpl/externalpackages/dakota/install-6.1-linux64.sh A /issm/trunk-jpl/externalpackages/dakota/install-6.1-macosx64-yosemite.sh A /issm/trunk-jpl/externalpackages/dakota/install-6.1-macosx64.sh
Export determination: 6.
Rationale: CHG: add build for mac

Change #429 with diff file ISSM-19541-19542.diff:

Function name:
M /issm/trunk-jpl/externalpackages/dakota/configs/6.1/BuildDakotaCustom.cmake.mac.patch
M /issm/trunk-jpl/externalpackages/dakota/configs/6.1/BuildDakotaCustom.cmake.patch
M /issm/trunk-jpl/externalpackages/dakota/install-6.1-linux64.sh M /issm/trunk-jpl/externalpackages/dakota/install-6.1-macosx64-yosemite.sh M /issm/trunk-jpl/externalpackages/dakota/install-6.1-macosx64.sh
Export determination: 6.
Rationale: CHG: revert dakota dev patch

Change #430 with diff file ISSM-19542-19543.diff:

Function name:
M /issm/trunk-jpl/externalpackages/petsc/install-3.5-win7.sh A /issm/trunk-jpl/externalpackages/windows/configs/sdk10.0-win64.sh
Export determination: 6.
Rationale: ADD: new Windows environment script for SDK version 10, 64bit.

Currently using VS 14.0.

Change #431 with diff file ISSM-19543-19544.diff:

Function name:

A /issm/trunk-jpl/externalpackages/dakota/install-6.1-mpi-macosx64-yosemite.sh

Export determination: 6.

Rationale: CHG: new MPI configuration

Change #432 with diff file ISSM-19544-19545.diff:

Function name:

A /issm/trunk-jpl/externalpackages/dakota/configs/6.1-mpi A /issm/trunk-jpl/externalpackages/dakota/configs/6.1-mpi/BuildDakotaCustom.cmake.mac.patch A /issm/trunk-jpl/externalpackages/dakota/configs/6.1-mpi/BuildDakotaCustom.cmake.patch A /issm/trunk-jpl/externalpackages/dakota/configs/6.1-mpi/CMakeLists.txt.patch A /issm/trunk-jpl/externalpackages/dakota/configs/6.1-mpi/CMakeLists.txt.pfe.patch A /issm/trunk-jpl/externalpackages/dakota/configs/6.1-mpi/DakotaDev.cmake.patch A /issm/trunk-jpl/externalpackages/dakota/configs/6.1-mpi/NonDLocalReliability.cpp.patch A /issm/trunk-jpl/externalpackages/dakota/configs/6.1-mpi/NonDSampling.cpp.patch A /issm/trunk-jpl/externalpackages/dakota/configs/6.1-mpi/ParallelLibrary.cpp.patch A /issm/trunk-jpl/externalpackages/dakota/configs/6.1-mpi/ParallelLibrary.hpp.patch A /issm/trunk-jpl/externalpackages/dakota/configs/6.1-mpi/pecos_global_defs.hpp.patch

Export determination: 6.

Rationale: CHG: new patches for mpi configuration.

Change #433 with diff file ISSM-19545-19546.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: for thermal only, smbmodel is not present

Change #434 with diff file ISSM-19546-19547.diff:

Function name:

D /issm/trunk-jpl/src/m/enum/list2

Export determination: 6.

Rationale: DEL: this has nothing to do here

Change #435 with diff file ISSM-19547-19548.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added note

Change #436 with diff file ISSM-19548-19549.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: do isothermal even if issmb=0

Change #437 with diff file ISSM-19549-19550.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: minor print call thermal_core in the right place

Change #438 with diff file ISSM-19550-19551.diff:

Function name:

M /issm/trunk-jpl/externalpackages/dakota/configs/6.1-mpi/BuildDakotaCustom.cmake.mac.patch

M /issm/trunk-jpl/externalpackages/dakota/configs/6.1-mpi/BuildDakotaCustom.cmake.patch

A /issm/trunk-jpl/externalpackages/dakota/install-6.1-mpi-linux64.sh M /issm/trunk-jpl/externalpackages/dakota/install-6.1-mpi-macosx64-yosemite.sh

Export determination: 6.

Rationale: CHG: some dakota mpi patches

Change #439 with diff file ISSM-19551-19552.diff:

Function name:

M /issm/trunk-jpl/externalpackages/dakota/install-6.1-mpi-macosx64-yosemite.sh

Export determination: 6.

Rationale: CHG: update yosemite patches

Change #440 with diff file ISSM-19552-19553.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: add dakota 6.1

Change #441 with diff file ISSM-19553-19554.diff:

Function name:

M /issm/trunk-jpl/externalpackages/dakota/configs/6.1-mpi/BuildDakotaCustom.cmake.patch

A /issm/trunk-jpl/externalpackages/dakota/configs/6.1-mpi/BuildDakotaCustom.cmake.yosemite.patch

M /issm/trunk-jpl/externalpackages/dakota/install-6.1-mpi-linux64.sh

Export determination: 6.

Rationale: CHG: linux needs shared library mpi in dakota

Change #442 with diff file ISSM-19554-19555.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/analyses/SmbAnalysis.cpp

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

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

M /issm/trunk-jpl/src/c/classes/Inputs/ControlInput.h M /issm/trunk-jpl/src/c/classes/Inputs/DatasetInput

A /issm/trunk-jpl/src/c/classes/Inputs/DoubleArrayInput.cpp A /issm/trunk-

jpl/src/c/classes/Inputs/DoubleArrayInput.h M /issm/trunk-jpl/src/c/classes/Inputs/DoubleInput.h

M /issm/trunk-jpl/src/c/classes/Inputs/Input.h M /issm/trunk-jpl/src/c/classes/Inputs/IntInput.h

M /issm/trunk-jpl/src/c/classes/Inputs/PentaInput.h M /issm/trunk-jpl/src/c/classes/Inputs/SegInput.h

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

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

M /issm/trunk-jpl/src/c/classes/Inputs/TriaInput.h M /issm/trunk-jpl/src/c/classes/Materials/Matpar.cpp

M /issm/trunk-jpl/src/c/classes/Materials/Matpar.h M /issm/trunk-jpl/src/c/classes/classes.h

A /issm/trunk-jpl/src/c/modules/SurfaceMassBalance/Gembx.cpp M /issm/trunk-

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

jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToString.cpp

M /issm/trunk-jpl/src/c/shared/Enum/StringToEnum.cpp M /issm/trunk-jpl/src/c/shared/Matrix/MatrixU

M /issm/trunk-jpl/src/c/shared/Matrix/matrix.h M /issm/trunk-jpl/src/m/classes/SMBgemb.m

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

A /issm/trunk-jpl/src/m/enum/P0ArrayEnum.m A /issm/trunk-jpl/src/m/enum/SmbAEnum.m

A /issm/trunk-jpl/src/m/enum/SmbDEnum.m A /issm/trunk-jpl/src/m/enum/SmbDtEnum.m

A /issm/trunk-jpl/src/m/enum/SmbDzEnum.m A /issm/trunk-jpl/src/m/enum/SmbEEnum.m

A /issm/trunk-jpl/src/m/enum/SmbGdnEnum.m A /issm/trunk-jpl/src/m/enum/SmbGspEnum.m
A /issm/trunk-jpl/src/m/enum/SmbIsInitializedEnum.m A /issm/trunk-jpl/src/m/enum/SmbIsaccumulationEnum.m
A /issm/trunk-jpl/src/m/enum/SmbIsalbedoEnum.m A /issm/trunk-jpl/src/m/enum/SmbIsdensificationEnum.m
A /issm/trunk-jpl/src/m/enum/SmbIsgraingrowthEnum.m A /issm/trunk-jpl/src/m/enum/SmbIsmeltEnum.m
A /issm/trunk-jpl/src/m/enum/SmbIsshortwaveEnum.m A /issm/trunk-jpl/src/m/enum/SmbIsthermalEnum.m
A /issm/trunk-jpl/src/m/enum/SmbIsturbulentfluxEnum.m A /issm/trunk-jpl/src/m/enum/SmbReEnum.m
A /issm/trunk-jpl/src/m/enum/SmbTEnum.m A /issm/trunk-jpl/src/m/enum/SmbWEnum.m
M /issm/trunk-jpl/test/NightlyRun/gemb.m

Export determination: 6.

Rationale: CHG: finished first prototype implementation of the GEMB model inside the Gembx module of the SurfaceMassBalance module, and inside the SMBgemb.m class, as well as the SMBGemb method of the Element.cpp class. Had to introduce the concept also of a DoubleArrayInput to keep track of the vertical gridded datasets within each element.

Change #443 with diff file ISSM-19555-19556.diff:

Function name:

D /issm/trunk-jpl/src/m/enum/SmbSpinUpEnum.m

Export determination: 6.

Rationale: CHG: not needed anymore

Change #444 with diff file ISSM-19556-19557.diff:

Function name:

A /issm/trunk-jpl/externalpackages/petsc/install-3.6-lonestar.sh

Export determination: 6.

Rationale: NEW: added installation script for UT's Lonestar cluster

Change #445 with diff file ISSM-19557-19558.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added info for lonestar cluster

Change #446 with diff file ISSM-19558-19559.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/hpc.m A /issm/trunk-jpl/src/m/classes/clusters/lonestar.m
M /issm/trunk-jpl/src/m/classes/clusters/pfe.m
Export determination: 6.
Rationale: NEW: added lonestar for UT cluster, and fixed some minor details
on pfe and hpc

Change #447 with diff file ISSM-19559-19560.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/SMBgemb.m M /issm/trunk-jpl/src/m/classes/mask.m
M /issm/trunk-jpl/src/m/classes/verbose.m M /issm/trunk-jpl/src/m/classes/verbose.py

Export determination: 6.

Rationale: CHG: mask.m: allow only 1 element mesh. verbose :added smb flag.
SMBgemb: added initial scaling of the ice density as density of the snowpack.

Change #448 with diff file ISSM-19560-19561.diff:

Function name:

M /issm/trunk-jpl/src/m/consistency/checkfield.m

Export determination: 6.

Rationale: CHG: check consistency of time series now allows series that are size
numberofelements or numberofelements+1

Change #449 with diff file ISSM-19561-19562.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt
M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/enum/EnumDefinitions
A /issm/trunk-jpl/src/m/enum/SmbInitDensityScalingEnum.m A /issm/trunk-
jpl/src/m/enum/SmbSwfEnum.m

Export determination: 6.

Rationale: CHG: added SmbInitDensityScalingEnum and SmbSwfEnum enums.

Change #450 with diff file ISSM-19562-19563.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added SMB verbosity level.

Change #451 with diff file ISSM-19563-19564.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added vararg driven echo of a cell.

Change #452 with diff file ISSM-19564-19565.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: some verbose changes, essentially announcing the time step.

Change #453 with diff file ISSM-19565-19566.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/SmbAnalysis.cpp

Export determination: 6.

Rationale: CHG: adding initial scaling of density for the snow pack.

Change #454 with diff file ISSM-19566-19567.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/SurfaceMassBalancex/Gembx.cpp

Export determination: 6.

Rationale: CHG: added verbose of each module + fixed some serious bugs.

Change #455 with diff file ISSM-19567-19568.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: adding verbosity + fixing some serious bugs

Change #456 with diff file ISSM-19568-19569.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixing the prototype.

Change #457 with diff file ISSM-19569-19570.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: retain repository in pathname for saving models if a name is supplied other than default

Change #458 with diff file ISSM-19570-19571.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: analogous change for loading models saved with a name other than default

Change #459 with diff file ISSM-19571-19572.diff:

Function name:

M /issm/trunk-jpl/externalpackages/export_fig/LICENSE M /issm/trunk-jpl/externalpackages/export_fig/RE

M /issm/trunk-jpl/externalpackages/export_fig/append_pdfs.m M /issm/trunk-

jpl/externalpackages/export_fig/copyfig.m M /issm/trunk-jpl/externalpackages/export_fig/crop_borders.m

M /issm/trunk-jpl/externalpackages/export_fig/eps2pdf.m M /issm/trunk-jpl/externalpackages/export_fig/exp

M /issm/trunk-jpl/externalpackages/export_fig/fix_lines.m M /issm/trunk-jpl/externalpackages/export_fig/gho

M /issm/trunk-jpl/externalpackages/export_fig/isolate_axes.m M /issm/trunk-

jpl/externalpackages/export_fig/pdftops.m M /issm/trunk-jpl/externalpackages/export_fig/print2array.m

M /issm/trunk-jpl/externalpackages/export_fig/print2eps.m M /issm/trunk-jpl/externalpackages/export_fig/u

M /issm/trunk-jpl/externalpackages/export_fig/using_hg2.m

Export determination: 6.

Rationale: CHG: new version of export_fig

Change #460 with diff file ISSM-19572-19573.diff:

Function name:
M /issm/trunk-jpl/src/c/shared/Matrix/MatrixUtils.cpp
Export determination: 6.
Rationale: CHG: fixed serious bug in the splitting of cells

Change #461 with diff file ISSM-19573-19574.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/geometry.m M /issm/trunk-jpl/src/m/classes/geometry.py
Export determination: 6.
Rationale: BUG: need to add abs to geometry check

Change #462 with diff file ISSM-19574-19575.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: added -lirc for missing symbol

Change #463 with diff file ISSM-19575-19576.diff:
Function name:
M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am
Export determination: 6.
Rationale: CHG: added MKLLIB to mex

Change #464 with diff file ISSM-19576-19577.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: lirc was not needed, it was a problem with matlab

Change #465 with diff file ISSM-19577-19578.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test414.m M /issm/trunk-jpl/test/NightlyRun/test417.m
Export determination: 6.

Rationale: BUG: surface must be equal to base+thickness

Change #466 with diff file ISSM-19578-19579.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: changed a great deal of flags for Windows build to change from CCCL to CL. Most of the changes involve changing the flags from tailored to CCCL to CL

Change #467 with diff file ISSM-19579-19580.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Removed cccl from configure.ac CHG: Added TRIANGLELIB for standalone libraries. Needed for Windows build.

Change #468 with diff file ISSM-19580-19581.diff:

Function name:

M /issm/trunk-jpl/externalpackages/autotools/install-win.sh A /issm/trunk-jpl/externalpackages/petsc/install-dev-win10.sh

Export determination: 6.

Rationale: ADD: New Petsc install script for Windows using development branch. CHG: Upgraded Autotools install script for Windows to use newer version of Automake and Autoconf.

Change #469 with diff file ISSM-19581-19582.diff:

Function name:

A /issm/trunk-jpl/externalpackages/boost/configs/1.55/adl.hpp.lonestar.patch

A /issm/trunk-jpl/externalpackages/boost/install-1.55-lonestar.sh A /issm/trunk-

jpl/externalpackages/dakota/configs/5.3.1/BuildDakotaCustom.cmake.lonestar.patch

A /issm/trunk-jpl/externalpackages/dakota/configs/5.3.1/CMakeLists.txt.lonestar.patch

A /issm/trunk-jpl/externalpackages/dakota/install-5.3.1-lonestar.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.6-lonestar.sh

Export determination: 6.

Rationale: NEW: dakota for lonestar

Change #470 with diff file ISSM-19582-19583.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/SurfaceMassBalance/Gembx.cpp M /issm/trunk-jpl/src/c/modules/SurfaceMassBalance/SurfaceMassBalance.h

Export determination: 6.

Rationale: CHG: fixed the last remaining bugs. Big bug in the ER computation.

Went from array to double!

Change #471 with diff file ISSM-19583-19584.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: finalized SMBgemb method and validated against Alex Gardner's model.

Change #472 with diff file ISSM-19584-19585.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Inputs/DoubleArrayInput.cpp

Export determination: 6.

Rationale: CHG: fixed leak.

Change #473 with diff file ISSM-19585-19586.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: setting no limit on valgrind error output.

Change #474 with diff file ISSM-19586-19587.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: new plotting capability for SMB GEMB related patch plots.

Change #475 with diff file ISSM-19587-19588.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: minor typos.

Change #476 with diff file ISSM-19588-19589.diff:

Function name:

M /issm/trunk-jpl/externalpackages/autotools/install-win.sh A /issm/trunk-jpl/externalpackages/autotools/p

M /issm/trunk-jpl/externalpackages/autotools/patches/libtool.m4.patch

Export determination: 6.

Rationale: CHG: Applied new Automake patch for Windows build. ADD: Patch for Automake to change flags for Microsoft compiler. CHG: Improved libtool.m4 patch for Windows build.

Change #477 with diff file ISSM-19589-19590.diff:

Function name:

A /issm/trunk-jpl/test/Archives/Archive243.nc A /issm/trunk-jpl/test/Data/gemb_input.mat

D /issm/trunk-jpl/test/NightlyRun/gemb.m A /issm/trunk-jpl/test/NightlyRun/test243.m

Export determination: 6.

Rationale: NEW: new SMBgemb nightly run test.

Change #478 with diff file ISSM-19590-19591.diff:

Function name:

M /issm/trunk-jpl/externalpackages/autotools/patches/libtool.m4.patch

Export determination: 6.

Rationale: CHG: Fixed a bug with the patch.

Change #479 with diff file ISSM-19591-19592.diff:

Function name:

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

Export determination: 6.
Rationale: CHG: update lonestar cluster class to add mkl

Change #480 with diff file ISSM-19592-19593.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: dictate less than 12 cpu per node

Change #481 with diff file ISSM-19593-19594.diff:

Function name:

M /issm/trunk-jpl/externalpackages/autotools/patches/libtool.m4.patch

Export determination: 6.

Rationale: CHG: reverted a small change related to move from CCCL to CL.

Change #482 with diff file ISSM-19594-19595.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp M /issm/trunk-jpl/src/c/shared/Enum/EnumDefiniti

M /issm/trunk-jpl/src/c/shared/Enum/EnumToStringx.cpp M /issm/trunk-jpl/src/c/shared/Enum/StringTo

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

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

Export determination: 6.

Rationale: CHG: fixed huge bug with reportina of SmbMassBalance and also added condensation output.

Change #483 with diff file ISSM-19595-19596.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: added check that result is not NaN

Change #484 with diff file ISSM-19596-19597.diff:

Function name:

M /issm/trunk-jpl/jenkins/windows
Export determination: 6.
Rationale: CHG: Updated Jenkins for Windows 10. Updated Petsc version to dev and removed CCCL requirement.

Change #485 with diff file ISSM-19597-19598.diff:
Function name:
M /issm/trunk-jpl/configs/config-win64.sh
Export determination: 6.
Rationale: CHG: Updated Petsc MPI include directory for dev branch.

Change #486 with diff file ISSM-19598-19599.diff:
Function name:
M /issm/trunk-jpl/jenkins/windows
Export determination: 6.
Rationale: CHG: Updated Matlab install directory.

Change #487 with diff file ISSM-19599-19600.diff:
Function name:
M /issm/trunk-jpl/jenkins/windows
Export determination: 6.
Rationale: CHG: Updated MPI directory when using Petsc dev branch.

Change #488 with diff file ISSM-19600-19601.diff:
Function name:
M /issm/trunk-jpl/jenkins/jenkins.sh
Export determination: 6.
Rationale: CHG: Updated OS variable for Jenkins Windows build.

Change #489 with diff file ISSM-19601-19602.diff:
Function name:
M /issm/trunk-jpl/externalpackages/windows/windows_environment.sh
Export determination: 6.

Rationale: CHG: Changed Windows environment variable to pickup SDK10.0 script instead.

Change #490 with diff file ISSM-19602-19603.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: Changed order that scripts are sourced. Added an echo statement to test whether conditional is executing.

Change #491 with diff file ISSM-19603-19604.diff:

Function name:

M /issm/trunk-jpl/externalpackages/windows/windows_environment.sh

Export determination: 6.

Rationale: CHG: corrected a mistake.

Change #492 with diff file ISSM-19604-19605.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: Added contional to jenkins script for Windows matlab.

Change #493 with diff file ISSM-19606-19607.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: Added echo statements to test log outputs on Windows. Small stylistic change as well.

Change #494 with diff file ISSM-19607-19608.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: improved error message to figure out how many elements have all their nodes on ice front

Change #495 with diff file ISSM-19608-19609.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh M /issm/trunk-jpl/jenkins/windows

Export determination: 6.

Rationale: CHG: Testing Jenkins on Windows.

Change #496 with diff file ISSM-19609-19610.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: Added a sleep step before grabbing PID for Windows jenkins build.

Change #497 with diff file ISSM-19610-19611.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh M /issm/trunk-jpl/jenkins/windows

Export determination: 6.

Rationale: CHG: restored compilation to yes for Windows Jenkins.

Change #498 with diff file ISSM-19611-19612.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added local make.

Change #499 with diff file ISSM-19612-19613.diff:

Function name:

M /issm/trunk-jpl/examples/Greenland/runme.m M /issm/trunk-jpl/jenkins/linux64_caladan

Export determination: 6.

Rationale: CHG: Speed test.

Change #500 with diff file ISSM-19613-19614.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp M /issm/trunk-jpl/src/c/modules/SurfaceMassBalance

Export determination: 6.

Rationale: CHG: applying patches for the AD mode to compile.

Change #501 with diff file ISSM-19614-19615.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test243.m

Export determination: 6.

Rationale: CHG: do not retrieve swf

Change #502 with diff file ISSM-19615-19616.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: changed the way that Jenkins script determines if we are dealing with a Windows build.

Change #503 with diff file ISSM-19616-19617.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: Changed OS checking in Jenkins script to use globbing.

Change #504 with diff file ISSM-19617-19618.diff:

Function name:

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

Export determination: 6.

Rationale: working on interactive runs for mitgcm

Change #505 with diff file ISSM-19618-19619.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Changed options relating to Windows build. Particularly, for parallel build.

Change #506 with diff file ISSM-19619-19620.diff:

Function name:

M /issm/trunk-jpl/jenkins/windows-par

Export determination: 6.

Rationale: CHG: Minor changes to Windows parallel build to update paths.

Change #507 with diff file ISSM-19620-19621.diff:

Function name:

A /issm/trunk-jpl/externalpackages/petsc/install-dev-win10-par.sh

Export determination: 6.

Rationale: ADD: new Petsc install script for dev branch in parallel.

Change #508 with diff file ISSM-19621-19622.diff:

Function name:

M /issm/trunk-jpl/jenkins/windows-par

Export determination: 6.

Rationale: CHG: removed CCCL and CMake as external packages requirements.

Change #509 with diff file ISSM-19622-19623.diff:

Function name:

M /issm/trunk-jpl/jenkins/windows-par

Export determination: 6.

Rationale: CHG: Updated windows-par Jenkins configuration.

Change #510 with diff file ISSM-19623-19624.diff:

Function name:

M /issm/trunk-jpl/jenkins/windows-par
Export determination: 6.
Rationale: CHG: Fixed typo..

Change #511 with diff file ISSM-19624-19625.diff:
Function name:
M /issm/trunk-jpl/externalpackages/petsc/install-dev-win10-par.sh
Export determination: 6.
Rationale: CHG: Added a remove statement before checkout.

Change #512 with diff file ISSM-19625-19626.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/clusters/pfe.m
Export determination: 6.
Rationale: fixed interactive mitgcm/issm coupling on pleiades

Change #513 with diff file ISSM-19626-19627.diff:
Function name:
A /issm/trunk-jpl/externalpackages/dakota/tests A /issm/trunk-jpl/externalpackages/dakota/tests/test.in
Export determination: 6.
Rationale: CHG: test dakota parallel capabilities.

Change #514 with diff file ISSM-19627-19628.diff:
Function name:
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2-mpi A /issm/trunk-jpl/externalpackages/dakota/configs/6.2-mpi/BuildDakotaCustom.cmake.mac.patch A /issm/trunk-jpl/externalpackages/dakota/configs/6.2-mpi/BuildDakotaCustom.cmake.patch A /issm/trunk-jpl/externalpackages/dakota/configs/6.2-mpi/BuildDakotaCustom.cmake.yosemite.patch A /issm/trunk-jpl/externalpackages/dakota/configs/6.2-mpi/CMakeLists.txt.patch A /issm/trunk-jpl/externalpackages/dakota/configs/6.2-mpi/CMakeLists.txt.pfe.patch A /issm/trunk-jpl/externalpackages/dakota/configs/6.2-mpi/DakotaDev.cmake.patch A /issm/trunk-jpl/externalpackages/dakota/configs/6.2-mpi/NonDLocalReliability.cpp.patch A /issm/trunk-jpl/externalpackages/dakota/configs/6.2-mpi/NonDSampling.cpp.patch A /issm/trunk-jpl/externalpackages/dakota/configs/6.2-mpi/ParallelLibrary.cpp.patch A /issm/trunk-jpl/externalpackages/dakota/configs/6.2-mpi/ParallelLibrary.hpp.patch A /issm/trunk-jpl/externalpackages/dakota/configs/6.2-

mpi/pecos_global_defs.hpp.patch M /issm/trunk-jpl/externalpackages/dakota/install-
6.1-mpi-macosx64-yosemite.sh A /issm/trunk-jpl/externalpackages/dakota/install-
6.2-mpi-macosx64-yosemite.sh
Export determination: 6.
Rationale: CHG: new 6.2 build

Change #515 with diff file ISSM-19628-19629.diff:

Function name:

M /issm/trunk-jpl/examples/Greenland/Greenland.par M /issm/trunk-jpl/examples/Greenland/runme.m

Export determination: 6.

Rationale: CHG: need to update smb

Change #516 with diff file ISSM-19629-19630.diff:

Function name:

M /issm/trunk-jpl/examples/Greenland/CheatSheet.m

Export determination: 6.

Rationale: CHG: need to update smb

Change #517 with diff file ISSM-19630-19631.diff:

Function name:

M /issm/trunk-jpl/externalpackages/dakota/tests/test.in A /issm/trunk-jpl/externalpackages/dakota/tests/te

Export determination: 6.

Rationale: CHG: testing around.

Change #518 with diff file ISSM-19631-19632.diff:

Function name:

M /issm/trunk-jpl/src/c/datastructures/DataSet.cpp

Export determination: 6.

Rationale: CHG: getting rid of simple warning from compilers.

Change #519 with diff file ISSM-19632-19633.diff:

Function name:

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

A /issm/trunk-jpl/src/c/classes/Dakota/IssmDirectApplicInterface.h A /issm/trunk-jpl/src/c/classes/Dakota/IssmParallelDirectApplicInterface.h M /issm/trunk-jpl/src/c/classes/classes.h D /issm/trunk-jpl/src/c/cores/DakotaSpawnCore.cpp D /issm/trunk-jpl/src/c/cores/DakotaSpawnCore.h M /issm/trunk-jpl/src/c/cores/dakota_core.cpp A /issm/trunk-jpl/src/c/main/issm_dakota.cpp
Export determination: 6.
Rationale: CHG: committing temporary adaptation fixes for Dakota 6.2, and embryo of a new issm_dakota main. Much debugging needed. Cannot do it on MacOSx, need to transfer to Linux platform.

Change #520 with diff file ISSM-19633-19634.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: adapting for dakota 6.2

Change #521 with diff file ISSM-19634-19635.diff:

Function name:

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

M /issm/trunk-jpl/src/c/classes/Dakota/IssmDirectApplicInterface.h M /issm/trunk-jpl/src/c/cores/dakota_core.cpp M /issm/trunk-jpl/src/c/main/issm_dakota.cpp

Export determination: 6.

Rationale: CHG: fixing issue with dakota j6.

Change #522 with diff file ISSM-19635-19636.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: fixing ISSM_DAKOTA pb

Change #523 with diff file ISSM-19636-19637.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: better fix for ISSM_DAKOTA conditional.

Change #524 with diff file ISSM-19637-19638.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/EnthalpyAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/ThermalAnalysis.o

Export determination: 6.

Rationale: BUG: increased number of gauss points for thermal and enthalpy

Change #525 with diff file ISSM-19638-19639.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/cloud.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.py M /issm/trunk-jpl/src/m/classes/clusters/generic_static.

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

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

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

M /issm/trunk-jpl/src/m/dev/devpath.m M /issm/trunk-jpl/src/m/solve/solve.m

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

Export determination: 6.

Rationale: CHG: need to introduce the isdakota parameter in the BuildQueue-Script, because for versions of Dakota $i_c=6$, we are now calling a different executable, called issm_dakota.

Change #526 with diff file ISSM-19639-19640.diff:

Function name:

M /issm/trunk-jpl/src/m/dev/devpath.m M /issm/trunk-jpl/src/m/dev/devpath.py

Export determination: 6.

Rationale: BUG: removed path specific to Eric's build

Change #527 with diff file ISSM-19640-19641.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: Eric forgot to change generic.m

Change #528 with diff file ISSM-19641-19642.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive108.nc M /issm/trunk-jpl/test/Archives/Archive109.nc
M /issm/trunk-jpl/test/Archives/Archive111.nc M /issm/trunk-jpl/test/Archives/Archive120.nc
M /issm/trunk-jpl/test/Archives/Archive121.nc M /issm/trunk-jpl/test/Archives/Archive122.nc
M /issm/trunk-jpl/test/Archives/Archive124.nc M /issm/trunk-jpl/test/Archives/Archive206.nc
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M /issm/trunk-jpl/test/Archives/Archive505.nc M /issm/trunk-jpl/test/Archives/Archive506.nc
M /issm/trunk-jpl/test/Archives/Archive507.nc M /issm/trunk-jpl/test/Archives/Archive508.nc
M /issm/trunk-jpl/test/Archives/Archive509.nc M /issm/trunk-jpl/test/Archives/Archive510.nc
M /issm/trunk-jpl/test/Archives/Archive513.nc M /issm/trunk-jpl/test/Archives/Archive515.nc
M /issm/trunk-jpl/test/Archives/Archive516.nc M /issm/trunk-jpl/test/Archives/Archive802.nc
M /issm/trunk-jpl/test/Archives/Archive803.nc M /issm/trunk-jpl/test/Archives/Archive805.nc

Export determination: 6.

Rationale: CHG: updated archivesfor improved thermal

Change #529 with diff file ISSM-19642-19643.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/SMBforcing.m M /issm/trunk-jpl/src/m/classes/clusters/lonestar.m
M /issm/trunk-jpl/src/m/classes/model.m

Export determination: 6.

Rationale: CHG: update lonestar time plus SMBforcing conversions

Change #530 with diff file ISSM-19643-19644.diff:

Function name:

D /issm/trunk-jpl/src/m/classes/SMB.m D /issm/trunk-jpl/src/m/classes/SMB.py
A /issm/trunk-jpl/src/m/classes/oldclasses/SMB.m
Export determination: 6.
Rationale: CHG: move SMB to old classes

Change #531 with diff file ISSM-19644-19645.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/SmbAnalysis.cpp M /issm/trunk-jpl/src/c/bamg/VertexOnGeom.cpp
Export determination: 6.
Rationale: CHG: cleaning up unneeded code

Change #532 with diff file ISSM-19645-19646.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: avoid mpi being redefined in version 5.3 of dakota.

Change #533 with diff file ISSM-19646-19647.diff:
Function name:
M /issm/trunk-jpl/test/Archives/Archive209.nc M /issm/trunk-jpl/test/Archives/Archive214.nc
M /issm/trunk-jpl/test/Archives/Archive431.nc
Export determination: 6.
Rationale: CHG: three archives still having problems

Change #534 with diff file ISSM-19647-19648.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/FemModel.cpp
Export determination: 6.
Rationale: CHG: finalize Petsc when calling the destructor.

Change #535 with diff file ISSM-19648-19649.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test211.m M /issm/trunk-jpl/test/NightlyRun/test431.m

M /issm/trunk-jpl/test/NightlyRun/test431.py M /issm/trunk-jpl/test/NightlyRun/test701.m
Export determination: 6.
Rationale: CHG: updated tolerances

Change #536 with diff file ISSM-19649-19650.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/clusters/generic.m
Export determination: 6.
Rationale: CHG: allow generic cluter to run dakota in parallel for versions $j=$
6

Change #537 with diff file ISSM-19650-19651.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/qmu.m
Export determination: 6.
Rationale: CHG: added many checks for values of params options, which are
the ones most impacted by running Dakota 6 and + in parallel.

Change #538 with diff file ISSM-19651-19652.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/FemModel.cpp
Export determination: 6.
Rationale: CHG: reverting back to previous configuration.

Change #539 with diff file ISSM-19652-19653.diff:
Function name:
M /issm/trunk-jpl/src/c/Makefile.am A /issm/trunk-jpl/src/c/classes/Dakota/IssmParallelDirectApplicInterfa
M /issm/trunk-jpl/src/c/classes/Dakota/IssmParallelDirectApplicInterface.h
Export determination: 6.
Rationale: CHG: switching a lot of the header file code into cpp file to avoid
recompile all of the time.

Change #540 with diff file ISSM-19653-19654.diff:

Function name:
M /issm/trunk-jpl/src/c/main/issm_dakota.cpp
Export determination: 6.
Rationale: CHG: hooking up the Dakota ISSM Parallel Driver.

Change #541 with diff file ISSM-19654-19655.diff:
Function name:
M /issm/trunk-jpl/src/m/qmu/dakota_in_params.m
Export determination: 6.
Rationale: CHG: adding evaluation_scheduling and processors_per_evaluation fields, to handle Dakota 6+ parallel capabilities.

Change #542 with diff file ISSM-19655-19656.diff:
Function name:
M /issm/trunk-jpl/src/m/qmu/postqmu.m
Export determination: 6.
Rationale: CHG: this check was not necessary and can be legit (i.e no error file)

Change #543 with diff file ISSM-19656-19657.diff:
Function name:
M /issm/trunk-jpl/src/m/qmu/dakota_in_write.m
Export determination: 6.
Rationale: CHG: branch on dakota version to write the params section.

Change #544 with diff file ISSM-19657-19658.diff:
Function name:
M /issm/trunk-jpl/src/m/qmu/dakota_out_parse.m
Export determination: 6.
Rationale: CHG: methodName may not be found in version Dakota 6+, so ignore.

Change #545 with diff file ISSM-19658-19659.diff:
Function name:

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
Export determination: 6.
Rationale: CHG: starting transition to nightly runs for Dakota version 6.0

Change #546 with diff file ISSM-19659-19660.diff:

Function name:

A /issm/trunk-jpl/externalpackages/dakota/configs/6.2 A /issm/trunk-jpl/externalpackages/dakota/configs/6.2
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/BuildDakotaCustom.cmake.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/BuildDakotaCustom.cmake.yosemite.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/CMakeLists.txt.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/CMakeLists.txt.pfe.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/DakotaDev.cmake.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/NonDLocalReliability.cpp.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/NonDSampling.cpp.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/pecos_global_defs.hpp.patch
A /issm/trunk-jpl/externalpackages/dakota/install-6.2-linux64.sh

Export determination: 6.

Rationale: CHG: added 6.2 dakota build.

Change #547 with diff file ISSM-19660-19661.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64.caladan

Export determination: 6.

Rationale: CHG: Upgraded nightlies to use Dakota 6.2.

Change #548 with diff file ISSM-19661-19662.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Moved Dakota version check to after we check if the build isDakota.

Change #549 with diff file ISSM-19662-19663.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: TEST: checking installation without MEXLINK

Change #550 with diff file ISSM-19663-19664.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test120.m
Export determination: 6.
Rationale: CHG: NR tolerance

Change #551 with diff file ISSM-19664-19665.diff:
Function name:
D /issm/trunk-jpl/externalpackages/dakota/configs/6.1-mpi D /issm/trunk-jpl/externalpackages/dakota/confi
mpi D /issm/trunk-jpl/externalpackages/dakota/install-6.1-linux64.sh D /issm/trunk-
jpl/externalpackages/dakota/install-6.1-macosx64-yosemite.sh D /issm/trunk-
jpl/externalpackages/dakota/install-6.1-macosx64.sh D /issm/trunk-jpl/externalpackages/dakota/install-
6.1-mpi-linux64.sh D /issm/trunk-jpl/externalpackages/dakota/install-6.1-mpi-
macosx64-yosemite.sh A /issm/trunk-jpl/externalpackages/dakota/install-6.2-
macosx64-yosemite.sh (from /issm/trunk-jpl/externalpackages/dakota/install-
6.2-mpi-macosx64-yosemite.sh:19663) A /issm/trunk-jpl/externalpackages/dakota/install-
6.2-macosx64.sh D /issm/trunk-jpl/externalpackages/dakota/install-6.2-mpi-macosx64-
yosemite.sh
Export determination: 6.
Rationale: CHG: clean up old mpi files

Change #552 with diff file ISSM-19665-19666.diff:
Function name:
M /issm/trunk-jpl/externalpackages/dakota/install-6.2-macosx64.sh
Export determination: 6.
Rationale: CHG: add snowleopard note in mac 6.2 build

Change #553 with diff file ISSM-19666-19667.diff:
Function name:

M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: dakota flags are not valid for all compilers, remove them

Change #554 with diff file ISSM-19667-19668.diff:

Function name:

D /issm/trunk-jpl/externalpackages/dakota/configs/5.3.1/BuildDakotaCustom.cmake.lonestar.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/BuildDakotaCustom.cmake.pfe.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/CMakeLists.txt.lonestar.patch
M /issm/trunk-jpl/externalpackages/dakota/install-5.3.1-lonestar.sh A /issm/trunk-jpl/externalpackages/dakota/install-6.2-lonestar.sh A /issm/trunk-jpl/externalpackages/dakota/install-6.2-pfe.sh

Export determination: 6.

Rationale: CHG add cluster scripts for dakota

Change #555 with diff file ISSM-19668-19669.diff:

Function name:

M /issm/trunk-jpl/externalpackages/dakota/install-6.2-pfe.sh

Export determination: 6.

Rationale: CHG: no path to mpi compilers

Change #556 with diff file ISSM-19670-19671.diff:

Function name:

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

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

Export determination: 6.

Rationale: CHG: updating for dakota cluster run

Change #557 with diff file ISSM-19671-19672.diff:

Function name:

M /issm/trunk-jpl/src/c/main/issm_dakota.cpp

Export determination: 6.

Rationale: CHG: add err file

Change #558 with diff file ISSM-19672-19673.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: add option for new dakota read of dat file

Change #559 with diff file ISSM-19673-19674.diff:

Function name:

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

M /issm/trunk-jpl/src/m/classes/clusters/hpc.m M /issm/trunk-jpl/src/m/classes/clusters/lonestar.m

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

Export determination: 6.

Rationale: CHG: add function for np calculation

Change #560 with diff file ISSM-19674-19675.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: update python cluster classes to deal with issm_dakota

Change #561 with diff file ISSM-19675-19676.diff:

Function name:

A /issm/trunk-jpl/jenkins/linux64_ross A /issm/trunk-jpl/jenkins/linux64_ross_ad

A /issm/trunk-jpl/jenkins/linux64_ross_ampi

Export determination: 6.

Rationale: ADD: new files for Ross Jenkins.

Change #562 with diff file ISSM-19676-19677.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross

Export determination: 6.

Rationale: CHG: Reduced the number of CPUS for nightly runs.

Change #563 with diff file ISSM-19677-19678.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: Attempting to improve Python performance.

Change #564 with diff file ISSM-19678-19679.diff:

Function name:

D /issm/trunk-jpl/configs/config-greenplanet.sh D /issm/trunk-jpl/configs/config-hoffman2.sh D /issm/trunk-jpl/configs/config-linux64-ubuntu64.sh

Export determination: 6.

Rationale: DEL: these configs file have not been working for a long time

Change #565 with diff file ISSM-19679-19680.diff:

Function name:

D /issm/trunk-jpl/configs/config-linux64-ad.sh D /issm/trunk-jpl/configs/config-linux64-cmake.sh D /issm/trunk-jpl/configs/config-linux64-larsen-ad.sh D /issm/trunk-jpl/configs/config-linux64-larsen-gia.sh D /issm/trunk-jpl/configs/config-linux64-larsen.sh D /issm/trunk-jpl/configs/config-linux64-murdo-nopetsc.sh D /issm/trunk-jpl/configs/config-linux64-murdo.sh D /issm/trunk-jpl/configs/config-macosx64-static.sh D /issm/trunk-jpl/configs/config-win64.sh D /issm/trunk-jpl/configs/config-win7-32.sh D /issm/trunk-jpl/configs/config-win7-64-parallel.sh D /issm/trunk-jpl/configs/config-win7-64.sh

Export determination: 6.

Rationale: DEL: removing some old configure scripts

Change #566 with diff file ISSM-19680-19681.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive3008.nc M /issm/trunk-jpl/test/Archives/Archive3009.nc

M /issm/trunk-jpl/test/Archives/Archive3108.nc M /issm/trunk-jpl/test/Archives/Archive3109.nc

Export determination: 6.

Rationale: CHG: Updated archives to fix AD nightlies.

Change #567 with diff file ISSM-19681-19682.diff:

Function name:

M /issm/trunk-jpl/externalpackages/boost/install-1.55-linux.sh
Export determination: 6.
Rationale: CHG: use python 2.7 for linux

Change #568 with diff file ISSM-19682-19683.diff:
Function name:
M /issm/trunk-jpl/src/c/main/esmfbinders.cpp
Export determination: 6.
Rationale: CHG: added esmfbinders to return surface output.

Change #569 with diff file ISSM-19683-19684.diff:
Function name:
M /issm/trunk-jpl/src/wrappers/python/io/FetchPythonData.cpp
Export determination: 6.
Rationale: CHG: fixing nasty segfault in case we have non-contiguous data!

Change #570 with diff file ISSM-19684-19685.diff:
Function name:
M /issm/trunk-jpl/jenkins/jenkins.sh
Export determination: 6.
Rationale: CHG: Adding logic to Jenkins script to wait on child processes.

Change #571 with diff file ISSM-19685-19686.diff:
Function name:
A /issm/trunk-jpl/externalpackages/cmake/install-2.8.5-macosx64-snowleopard.sh
Export determination: 6.
Rationale: CHG: need 2.8.5 for snowleopard build with petsc j 3.5

Change #572 with diff file ISSM-19686-19687.diff:
Function name:
D /issm/trunk-jpl/externalpackages/cmake/install-2.8.5-macosx64-snowleopard.sh
Export determination: 6.
Rationale: CHG: ok, we don't need for mac - use the system cmake 3.0

Change #573 with diff file ISSM-19687-19688.diff:

Function name:

A /issm/trunk-jpl/externalpackages/cmake/install-macosx64-snowleopard.sh

Export determination: 6.

Rationale: CHG: test cmake 2.8.11.2

Change #574 with diff file ISSM-19688-19689.diff:

Function name:

M /issm/trunk-jpl/jenkins/windows

Export determination: 6.

Rationale: CHG: changed test exlucdes list to check on Petsc problem.

Change #575 with diff file ISSM-19689-19690.diff:

Function name:

M /issm/trunk-jpl/externalpackages/boost/install-1.49-linux.sh

Export determination: 6.

Rationale: CHG: use python2.7

Change #576 with diff file ISSM-19690-19691.diff:

Function name:

A /issm/trunk-jpl/externalpackages/m1qn3/install-macos64-snowleopard.sh A
/issm/trunk-jpl/externalpackages/matplotlib/install-macosx64-snowleopard.sh A
/issm/trunk-jpl/externalpackages/triangle/configs/macosx64/configure.snowleopard.make
A /issm/trunk-jpl/externalpackages/triangle/install-macosx64-snowleopard.sh

Export determination: 6.

Rationale: NEW: add snowleopard builds for packages that don't work with snowleopard compiler

Change #577 with diff file ISSM-19691-19692.diff:

Function name:

D /issm/trunk-jpl/externalpackages/m1qn3/install-macos64-snowleopard.sh A
/issm/trunk-jpl/externalpackages/m1qn3/install-macosx64-snowleopard.sh (from

/issm/trunk-jpl/externalpackages/m1qn3/install-macos64-snowleopard.sh:19690)
Export determination: 6.
Rationale: CHG: rename m1qn3 install

Change #578 with diff file ISSM-19692-19693.diff:

Function name:

D /issm/trunk-jpl/externalpackages/triangle/configs/macosx64/configure.snowleopard.make

A /issm/trunk-jpl/externalpackages/triangle/configs/macosx64_snowleopard A

/issm/trunk-jpl/externalpackages/triangle/configs/macosx64_snowleopard/configure.make

M /issm/trunk-jpl/externalpackages/triangle/install-macosx64-snowleopard.sh

Export determination: 6.

Rationale: NEW: need to add snowleopard install

Change #579 with diff file ISSM-19693-19694.diff:

Function name:

A /issm/trunk-jpl/externalpackages/petsc/install-3.6-win10.sh M /issm/trunk-

jpl/jenkins/windows

Export determination: 6.

Rationale: CHG: Changed Petsc version for Windows jenkins from dev to 3.6.2

ADD: New install script for Windows using Petsc version 3.6.2

Change #580 with diff file ISSM-19694-19695.diff:

Function name:

M /issm/trunk-jpl/jenkins/windows

Export determination: 6.

Rationale: CHG: reverted back to old tests.

Change #581 with diff file ISSM-19695-19696.diff:

Function name:

M /issm/trunk-jpl/externalpackages/dakota/configs/6.2/BuildDakotaCustom.cmake.pfe.patch

D /issm/trunk-jpl/externalpackages/dakota/install-6.2-pfe.sh A /issm/trunk-jpl/externalpackages/dakota/inst

6.2-pleiades.sh (from /issm/trunk-jpl/externalpackages/dakota/install-6.2-pfe.sh:19689)

Export determination: 6.

Rationale: CHG: validate install for pfe dakota 6.2

Change #582 with diff file ISSM-19696-19697.diff:

Function name:

M /issm/trunk-jpl/externalpackages/dakota/install-6.2-pleiades.sh

Export determination: 6.

Rationale: CHG: we need to make boost

Change #583 with diff file ISSM-19697-19698.diff:

Function name:

A /issm/trunk-jpl/externalpackages/boost/install-1.55-pleiades_dakota6.2.sh

Export determination: 6.

Rationale: NEW: make boost for dakota 6.2

Change #584 with diff file ISSM-19698-19699.diff:

Function name:

M /issm/trunk-jpl/src/c/main/issm_dakota.cpp

Export determination: 6.

Rationale: BUG: wrong size

Change #585 with diff file ISSM-19699-19700.diff:

Function name:

M /issm/trunk-jpl/externalpackages/triangle A /issm/trunk-jpl/externalpackages/triangle/configs/javascript

A /issm/trunk-jpl/externalpackages/triangle/configs/javascript/configure.make

A /issm/trunk-jpl/externalpackages/triangle/configs/javascript/makefile A /issm/trunk-

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

A /issm/trunk-jpl/externalpackages/triangle/triangle.h.patch.js

Export determination: 6.

Rationale: CHG: new install for javascript linked triangle library.

Change #586 with diff file ISSM-19700-19701.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: some style rewrite.

Change #587 with diff file ISSM-19701-19702.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Exceptions/Exceptions.cpp M /issm/trunk-jpl/src/c/shared/Exceptions/exce
M /issm/trunk-jpl/src/wrappers/matlab/include/wrapper_macros.h M /issm/trunk-
jpl/src/wrappers/python/include/wrapper_macros.h

Export determination: 6.

Rationale: CHG: no need for differentiated report functions!

Change #588 with diff file ISSM-19702-19703.diff:

Function name:

M /issm/trunk-jpl M /issm/trunk-jpl/configure.ac M /issm/trunk-jpl/m4/issm_options.m4
M /issm/trunk-jpl/src/c/Makefile.am A /issm/trunk-jpl/src/m/array/listToMatrix.js
A /issm/trunk-jpl/src/m/classes/mesh2d.js A /issm/trunk-jpl/src/m/classes/model.js
A /issm/trunk-jpl/src/m/mesh/triangle.js A /issm/trunk-jpl/src/m/miscellaneous/fielddisplay.js
M /issm/trunk-jpl/src/wrappers/Makefile.am M /issm/trunk-jpl/src/wrappers/TriMesh/TriMesh.cpp
M /issm/trunk-jpl/src/wrappers/TriMesh/TriMesh.h A /issm/trunk-jpl/src/wrappers/TriMesh/TriMesh.js
M /issm/trunk-jpl/src/wrappers/bindings.h A /issm/trunk-jpl/src/wrappers/javascript
A /issm/trunk-jpl/src/wrappers/javascript/Makefile.am A /issm/trunk-jpl/src/wrappers/javascript/include
A /issm/trunk-jpl/src/wrappers/javascript/include/javascriptincludes.h A /issm/trunk-
jpl/src/wrappers/javascript/include/wrapper_macros.h A /issm/trunk-jpl/src/wrappers/javascript/io
A /issm/trunk-jpl/src/wrappers/javascript/io/ApiPrintf.cpp A /issm/trunk-jpl/src/wrappers/javascript/io/Fe
A /issm/trunk-jpl/src/wrappers/javascript/io/WriteJavascriptData.cpp A /issm/trunk-
jpl/src/wrappers/javascript/io/javascriptio.h A /issm/trunk-jpl/test/Exp/Square.js
A /issm/trunk-jpl/test/NightlyRun/test101.html

Export determination: 6.

Rationale: CHG: added new capability to compile javascript modules usable
in a webpage (test101.html). Relies on the emscripten emcc compiler (see
m4/issm_options.m4). triangle and TriMesh are the first modules to be tested.
Extensive issues with compiling triangle with em++ and not emcc (C++ vs C,
because of unresolved symbols at link time). We now have a workable model,
mesh and triangle mesher for javascript replication of test101. Have to work
further on parameterize and solve.

Change #589 with diff file ISSM-19703-19704.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixing m4 macros, Eric's settings were hardcoded

Change #590 with diff file ISSM-19704-19705.diff:

Function name:

M /issm/trunk-jpl/src/m/dev/issmversion.m M /issm/trunk-jpl/src/m/dev/issmversion.py

Export determination: 6.

Rationale: CHG: added missing blank space

Change #591 with diff file ISSM-19705-19706.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: handle issues with libraries for llvm emscripten linking.

Change #592 with diff file ISSM-19706-19707.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: putting the comment in the right place.

Change #593 with diff file ISSM-19707-19708.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/friction.py M /issm/trunk-jpl/src/m/classes/frictioncoulomb.m

A /issm/trunk-jpl/src/m/classes/frictioncoulomb.py M /issm/trunk-jpl/src/m/classes/mismipbasalforcings.m

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

Export determination: 6.

Rationale: NEW: python implementation of Coulomb limit friction class and
MISMIP+ basal melt parameterization class

Change #594 with diff file ISSM-19708-19709.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/OutputResultsx/OutputResultsx.cpp M /issm/trunk-jpl/src/m/solve/parseresultsfromdisk.py

Export determination: 6.

Rationale: BUG: fixing (partially) time and step in results

Change #595 with diff file ISSM-19709-19710.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/ExternalResults/GenericExternalResult.h M /issm/trunk-jpl/src/c/cores/controlm1qn3_core.cpp M /issm/trunk-jpl/src/c/modules/OutputResultsx/OutputResultsx.cpp M /issm/trunk-jpl/src/m/solve/parseresultsfromdisk.m M /issm/trunk-jpl/src/m/solve/parseresultsfromdisk.p

Export determination: 6.

Rationale: BUG: fixed step=0 in transient runs

Change #596 with diff file ISSM-19710-19711.diff:

Function name:

M /issm/trunk-jpl/src/m/miscellaneous/fielddisplay.js

Export determination: 6.

Rationale: CHG: improved format string.

Change #597 with diff file ISSM-19711-19712.diff:

Function name:

A /issm/trunk-jpl/src/m/array/ArrayOperations.js M /issm/trunk-jpl/src/m/mesh/triangle.js
M /issm/trunk-jpl/src/m/mesh/triangle.m A /issm/trunk-jpl/src/m/parameterization/setmask.js
M /issm/trunk-jpl/src/wrappers/NodeConnectivity/NodeConnectivity.cpp M /issm/trunk-jpl/src/wrappers/NodeConnectivity/NodeConnectivity.h A /issm/trunk-jpl/src/wrappers/NodeConnectivity/NodeConnectivity.js
M /issm/trunk-jpl/src/wrappers/TriMesh/TriMesh.cpp M /issm/trunk-jpl/src/wrappers/TriMesh/TriMesh.h
M /issm/trunk-jpl/src/wrappers/TriMesh/TriMesh.js M /issm/trunk-jpl/src/wrappers/javascript/Makefile.am
M /issm/trunk-jpl/src/wrappers/javascript/io/FetchJavascriptData.cpp M /issm/trunk-jpl/src/wrappers/javascript/io/WriteJavascriptData.cpp M /issm/trunk-jpl/src/wrappers/javascript/io/WriteJavascriptData.js
M /issm/trunk-jpl/test/NightlyRun/test101.html

Export determination: 6.

Rationale: CHG: implemented NodeConnectivity module in javascript.

Change #598 with diff file ISSM-19712-19713.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: wrong commit from Eric

Change #599 with diff file ISSM-19713-19714.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: explanation for sign convention different from MISMIP+ description

Change #600 with diff file ISSM-19714-19715.diff:

Function name:

M /issm/trunk-jpl/src/c/main/globals.h M /issm/trunk-jpl/src/wrappers/TriMesh/TriMesh.h

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

Export determination: 6.

Rationale: CHG: found a way to avoid repeat of global.h inclusion only for javascript wrappers.

Change #601 with diff file ISSM-19715-19716.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/TriMesh/TriMesh.h

Export determination: 6.

Rationale: CHG: comment on why we need this defined only for this module.

Change #602 with diff file ISSM-19716-19717.diff:

Function name:

M /issm/trunk-jpl/src/m/mesh/triangle.js M /issm/trunk-jpl/src/wrappers/ElementConnectivity/ElementConnectivity.js

A /issm/trunk-jpl/src/wrappers/ElementConnectivity/ElementConnectivity.js

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

jpl/src/wrappers/NodeConnectivity/NodeConnectivity.h M /issm/trunk-jpl/src/wrappers/TriMesh/TriMesh.c

M /issm/trunk-jpl/src/wrappers/TriMesh/TriMesh.h M /issm/trunk-jpl/src/wrappers/javascript/Makefile.am

Export determination: 6.

Rationale: CHG: new ElementConnectivity javascript module. Simplified the WRAPPER macro, back to what it was before javascript modifications. The header file for the wrapper now defines WRAPPER.

Change #603 with diff file ISSM-19717-19718.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/ElementConnectivity/ElementConnectivity.h

M /issm/trunk-jpl/src/wrappers/NodeConnectivity/NodeConnectivity.h M /issm/trunk-jpl/src/wrappers/TriMesh/TriMesh.h M /issm/trunk-jpl/src/wrappers/javascript/include/wrapper_macros.h
 Export determination: 6.
 Rationale: CHG: shuffling things around. wrapper_macros does not define WRAPPER for the javascript but instead the specific wrapper header file.

Change #604 with diff file ISSM-19718-19719.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test101.html A /issm/trunk-jpl/test/Par/SquareShelfConstrained.js

Export determination: 6.

Rationale: CHG: starting parameterization routines in javascript.

Change #605 with diff file ISSM-19719-19720.diff:

Function name:

M /issm/trunk-jpl/src/m/array/ArrayOperations.js A /issm/trunk-jpl/src/m/classes/constants.js

A /issm/trunk-jpl/src/m/classes/geometry.js A /issm/trunk-jpl/src/m/classes/mask.js

M /issm/trunk-jpl/src/m/classes/mesh2d.js M /issm/trunk-jpl/src/m/classes/model.js

A /issm/trunk-jpl/src/m/geometry/FlagElements.js M /issm/trunk-jpl/src/m/parameterization/setmask.js

Export determination: 6.

Rationale: CHG: finished routines related to setmask in javascript, and started classes and routines related to parameterization, in particular, geometry and constants.

Change #606 with diff file ISSM-19720-19721.diff:

Function name:

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

jpl/src/c/analyses/EnumToAnalysis.cpp A /issm/trunk-jpl/src/c/analyses/HydrologySommersAnalysis.cpp

A /issm/trunk-jpl/src/c/analyses/HydrologySommersAnalysis.h M /issm/trunk-

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

M /issm/trunk-jpl/src/c/classes/Materials/Matpar.cpp M /issm/trunk-jpl/src/c/cores/hydrology_core.cpp

M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt

M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp A /issm/trunk-jpl/src/m/classes/hydrologysomm

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

A /issm/trunk-jpl/src/m/enum/HydrologyBumpHeightEnum.m A /issm/trunk-

jpl/src/m/enum/HydrologyBumpSpacingEnum.m A /issm/trunk-jpl/src/m/enum/HydrologyEnglacialInputE

A /issm/trunk-jpl/src/m/enum/HydrologyGapHeightEnum.m A /issm/trunk-

jpl/src/m/enum/HydrologyHeadEnum.m A /issm/trunk-jpl/src/m/enum/HydrologyReynoldsEnum.m

A /issm/trunk-jpl/src/m/enum/HydrologySommersAnalysisEnum.m A /issm/trunk-

jpl/src/m/enum/HydrologySpceheadEnum.m A /issm/trunk-jpl/src/m/enum/HydrologysommersEnum.m
Export determination: 6.
Rationale: NEW: working on new subglacial hydrology model with Aleah, not
working just yet

Change #607 with diff file ISSM-19721-19722.diff:

Function name:

M /issm/trunk-jpl/src/m/array/ArrayOperations.js M /issm/trunk-jpl/src/m/classes/mesh2d.js
A /issm/trunk-jpl/src/m/classes/pairoptions.js A /issm/trunk-jpl/src/m/classes/plotoptions.js
M /issm/trunk-jpl/src/m/geometry/FlagElements.js M /issm/trunk-jpl/src/m/mesh/triangle.js
M /issm/trunk-jpl/src/m/miscellaneous/fielddisplay.js M /issm/trunk-jpl/src/m/parameterization/setmask.js
A /issm/trunk-jpl/src/m/plot/checkplotoptions.js A /issm/trunk-jpl/src/m/plot/plot_manager.js
A /issm/trunk-jpl/src/m/plot/plot_unit.js A /issm/trunk-jpl/src/m/plot/plotmodel.js
A /issm/trunk-jpl/src/m/plot/processdata.js A /issm/trunk-jpl/src/m/plot/processmesh.js

Export determination: 6.

Rationale: CHG: getting the plotmodel capability online.

Change #608 with diff file ISSM-19722-19723.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: plotmodel.

Change #609 with diff file ISSM-19723-19724.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: testing test101.

Change #610 with diff file ISSM-19724-19725.diff:

Function name:

A /issm/trunk-jpl/src/m/plot/applyoptions.js A /issm/trunk-jpl/src/m/plot/initWebGL.js
M /issm/trunk-jpl/src/m/plot/plot_manager.js M /issm/trunk-jpl/src/m/plot/plot_unit.js

Export determination: 6.

Rationale: CHG: starting web gl integration.

Change #611 with diff file ISSM-19725-19726.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/HydrologySommersAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/HydrologySommersAnalysis.h M /issm/trunk-jpl/src/c/classes/Inputs/BoolInput.h M /issm/trunk-jpl/src/c/classes/Inputs/ControlInput.h M /issm/trunk-jpl/src/c/classes/Inputs/DatasetInput.h M /issm/trunk-jpl/src/c/classes/Inputs/DoubleArrayInput.h M /issm/trunk-jpl/src/c/classes/Inputs/DoubleInput.h M /issm/trunk-jpl/src/c/classes/Inputs/Input.h M /issm/trunk-jpl/src/c/classes/Inputs/Inputs.h M /issm/trunk-jpl/src/c/classes/Inputs/IntInput.h M /issm/trunk-jpl/src/c/classes/Inputs/PentaInput.h M /issm/trunk-jpl/src/c/classes/Inputs/SegInput.h M /issm/trunk-jpl/src/c/classes/Inputs/TetraInput.h M /issm/trunk-jpl/src/c/classes/Inputs/TransientInput.h M /issm/trunk-jpl/src/c/classes/Inputs/TriaInput.cpp M /issm/trunk-jpl/src/c/classes/Inputs/TriaInput.h M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/enum/EnumDefinitions A /issm/trunk-jpl/src/m/enum/HydrologyConductivityEnum.m

Export determination: 6.

Rationale: CHG: working on the RHS of Hydro Aleah's model

Change #612 with diff file ISSM-19726-19727.diff:

Function name:

D /issm/trunk-jpl/src/m/plot/initWebGL.js A /issm/trunk-jpl/src/m/plot/webgl.js
(from /issm/trunk-jpl/src/m/plot/initWebGL.js:19724) M /issm/trunk-jpl/test/NightlyRun/test101.html

Export determination: 6.

Rationale: CHG: renaming things around.

Change #613 with diff file ISSM-19727-19728.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_unit.js M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG: shuffling the code order.

Change #614 with diff file ISSM-19728-19729.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_unit.js M /issm/trunk-jpl/src/m/plot/webgl.js
M /issm/trunk-jpl/test/NightlyRun/test101.html

Export determination: 6.

Rationale: CHG: Implementing basic webgl plot_unit functionality for test101.html

Change #615 with diff file ISSM-19729-19730.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_unit.js M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG:Fixing drawing methods and zoom behavior for test101.html

Change #616 with diff file ISSM-19730-19731.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG:Changing to linear color scaling for test101.html

Change #617 with diff file ISSM-19731-19732.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/HydrologySommersAnalysis.cpp

Export determination: 6.

Rationale: CHG: changing the sign of conductivity

Change #618 with diff file ISSM-19732-19733.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_unit.js M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG: control background color from options.

Change #619 with diff file ISSM-19733-19734.diff:

Function name:

A /issm/trunk-jpl/src/m/miscellaneous/rgbcolor.js

Export determination: 6.

Rationale: CHG: conversion utility

Change #620 with diff file ISSM-19734-19735.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG: added zoom factor default.

Change #621 with diff file ISSM-19735-19736.diff:

Function name:

D /issm/trunk-jpl/src/m/array/ArrayOperations.js A /issm/trunk-jpl/src/m/array/array_operations.js
(from /issm/trunk-jpl/src/m/array/ArrayOperations.js:19729)

Export determination: 6.

Rationale: CHG: renaming.

Change #622 with diff file ISSM-19736-19737.diff:

Function name:

D /issm/trunk-jpl/src/m/array/array_operations.js A /issm/trunk-jpl/src/m/array/arrayoperations.js
(from /issm/trunk-jpl/src/m/array/array_operations.js:19735)

Export determination: 6.

Rationale: CHG: renmaing.

Change #623 with diff file ISSM-19737-19738.diff:

Function name:

D /issm/trunk-jpl/src/m/array/listToMatrix.js

Export determination: 6.

Rationale: CHG: not needed anymore.

Change #624 with diff file ISSM-19738-19739.diff:

Function name:

A /issm/trunk-jpl/src/m/classes/frictionsommers.m

Export determination: 6.

Rationale: NEW: adding new friction law coupled to hydro model (one way coupling right now)

Change #625 with diff file ISSM-19739-19740.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_manager.js M /issm/trunk-jpl/src/m/plot/plot_unit.js

M /issm/trunk-jpl/src/m/plot/plotmodel.js M /issm/trunk-jpl/src/m/plot/webgl.js

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

Export determination: 6.

Rationale: CHG: better integration of webgl routines and plot_unit. + optimization of memory allocation during compilation of javascript modules.

Change #626 with diff file ISSM-19740-19741.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/HydrologySommersAnalysis.cpp M /issm/trunk-

jpl/src/c/analyses/HydrologySommersAnalysis.h M /issm/trunk-jpl/src/c/classes/Loads/Friction.cpp

M /issm/trunk-jpl/src/c/classes/Loads/Friction.h M /issm/trunk-jpl/src/c/cores/hydrology_core.cpp

M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_nonlinear.cpp

Export determination: 6.

Rationale: NEW: done with gap height update

Change #627 with diff file ISSM-19741-19742.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/checkplotoptions.js M /issm/trunk-jpl/src/m/plot/plot_manager.js

M /issm/trunk-jpl/src/m/plot/plot_unit.js M /issm/trunk-jpl/src/m/plot/plotmodel.js

M /issm/trunk-jpl/src/m/plot/processdata.js M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG: some minor changes.

Change #628 with diff file ISSM-19742-19743.diff:

Function name:

A /issm/trunk-jpl/src/m/miscellaneous/colorbars.js

Export determination: 6.

Rationale: NEW: matlab colorbars;

Change #629 with diff file ISSM-19743-19744.diff:

Function name:

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

Export determination: 6.
Rationale: CHG: minimalistic test101.

Change #630 with diff file ISSM-19744-19745.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/analyses/HydrologySommersAnalysis.cpp
A /issm/trunk-jpl/src/c/classes/Loads/Moulin.cpp A /issm/trunk-jpl/src/c/classes/Loads/Moulin.h
M /issm/trunk-jpl/src/c/classes/classes.h M /issm/trunk-jpl/src/c/cores/hydrology_core.cpp
M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt
M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/classes/hydrologysomm
M /issm/trunk-jpl/src/m/consistency/ismodelselfconsistent.m M /issm/trunk-
jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/HydrologyMoulinInputEnum.m
A /issm/trunk-jpl/src/m/enum/MoulinEnum.m M /issm/trunk-jpl/src/m/plot/plot_transient_movie.m

Export determination: 6.

Rationale: NEW: added discrete moulins to hydrology model

Change #631 with diff file ISSM-19745-19746.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_unit.js M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG: Removing test101 webgl dependencies

Change #632 with diff file ISSM-19746-19747.diff:

Function name:

M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_nonlinear.cpp

Export determination: 6.

Rationale: CHG: reverting back

Change #633 with diff file ISSM-19747-19748.diff:

Function name:

M /issm/trunk-jpl/externalpackages/cmake/install-macosx64-snowleopard.sh M
/issm/trunk-jpl/externalpackages/numpy/install-macosx-snowleopard.sh M /issm/trunk-
jpl/externalpackages/python/install-2.7.3-macosx-snowleopard.sh M /issm/trunk-
jpl/externalpackages/scipy/install-macosx-snowleopard.sh

Export determination: 6.

Rationale: update for new python install

Change #634 with diff file ISSM-19748-19749.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added new enums to vim

Change #635 with diff file ISSM-19749-19750.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/analyses/HydrologySommersAnalysis.cpp

A /issm/trunk-jpl/src/c/classes/Loads/Neumannflux.cpp A /issm/trunk-jpl/src/c/classes/Loads/Neumannflux.h

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

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

M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToStoichiometry.cpp

M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/classes/constants.m

M /issm/trunk-jpl/src/m/classes/hydrologysommers.m M /issm/trunk-jpl/src/m/classes/mesh2d.m

D /issm/trunk-jpl/src/m/enum/ConstantsOmegaEnum.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.p

A /issm/trunk-jpl/src/m/enum/HydrologyNeumannfluxEnum.m A /issm/trunk-

jpl/src/m/enum/MeshSegmentsEnum.m A /issm/trunk-jpl/src/m/enum/NeumannfluxEnum.m

Export determination: 6.

Rationale: NEW: added Neumann BC to Hydro model

Change #636 with diff file ISSM-19750-19751.diff:

Function name:

A /issm/trunk-jpl/test/NightlyRun/test350.m

Export determination: 6.

Rationale: NEW: new NR test for Aleah's hydrology model

Change #637 with diff file ISSM-19751-19752.diff:

Function name:

A /issm/trunk-jpl/test/Archives/Archive350.nc M /issm/trunk-jpl/test/Par/SquareShelfConstrained.par

Export determination: 6.

Rationale: NEW: added archive for hydro test

Change #638 with diff file ISSM-19752-19753.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: can write to the same VALUE type (it's either a string, or a double!). Works because python and matlab abstract return types, javascript does not.

Change #639 with diff file ISSM-19753-19754.diff:

Function name:

M /issm/trunk-jpl/src/m/array/arrayoperations.js A /issm/trunk-jpl/src/m/classes/SMBforcing.js

A /issm/trunk-jpl/src/m/classes/basalforcings.js A /issm/trunk-jpl/src/m/classes/clusters/generic.js

A /issm/trunk-jpl/src/m/classes/damage.js A /issm/trunk-jpl/src/m/classes/debug.js

A /issm/trunk-jpl/src/m/classes/flowequation.js A /issm/trunk-jpl/src/m/classes/friction.js

A /issm/trunk-jpl/src/m/classes/groundingline.js A /issm/trunk-jpl/src/m/classes/initialization.js

A /issm/trunk-jpl/src/m/classes/matice.js M /issm/trunk-jpl/src/m/classes/model.js

M /issm/trunk-jpl/src/m/classes/pairoptions.js M /issm/trunk-jpl/src/m/classes/plotoptions.js

A /issm/trunk-jpl/src/m/classes/rifts.js A /issm/trunk-jpl/src/m/classes/settings.js

A /issm/trunk-jpl/src/m/classes/stressbalance.js A /issm/trunk-jpl/src/m/classes/template.js

A /issm/trunk-jpl/src/m/classes/timestepping.js A /issm/trunk-jpl/src/m/classes/toolkits.js

A /issm/trunk-jpl/src/m/classes/verbose.js A /issm/trunk-jpl/src/m/materials/paterson.js

M /issm/trunk-jpl/src/m/miscellaneous/fielddisplay.js A /issm/trunk-jpl/src/m/solvers/issmgsolver.js

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

A /issm/trunk-jpl/src/wrappers/InterpFromMeshToMesh2d/InterpFromMeshToMesh2d.js

M /issm/trunk-jpl/src/wrappers/IssmConfig/IssmConfig.h A /issm/trunk-jpl/src/wrappers/IssmConfig/IssmC

M /issm/trunk-jpl/src/wrappers/javascript/Makefile.am M /issm/trunk-jpl/src/wrappers/javascript/io/Fetch.

M /issm/trunk-jpl/src/wrappers/javascript/io/WriteJavascriptData.cpp M /issm/trunk-

jpl/src/wrappers/javascript/io/javascriptio.h A /issm/trunk-jpl/test/Data/SquareShelfConstrained.data.js

M /issm/trunk-jpl/test/NightlyRun/test101.html M /issm/trunk-jpl/test/Par/SquareShelfConstrained.js

Export determination: 6.

Rationale: CHG: new modules in javascript, IssmConfig and InterpFromMesh-ToMesh2d, which uses the bamg objects. New classes to be able to finish off the model.js implementation. New paterson, solvers for javascript.

Change #640 with diff file ISSM-19754-19755.diff:

Function name:

M /issm/trunk-jpl/externalpackages/cmake/install-macosx64-snowleopard.sh A

/issm/trunk-jpl/externalpackages/dakota/install-6.2-macosx64-snowleopard.sh A

/issm/trunk-jpl/externalpackages/mpich/install-3.0-macosx64-snowleopard-dakota.sh

Export determination: 6.

Rationale: new dakota for mac snowl

Change #641 with diff file ISSM-19755-19756.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross

Export determination: 6.

Rationale: CHG: Debugging stalled test by running on single CPU.

Change #642 with diff file ISSM-19756-19757.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test208.m M /issm/trunk-jpl/test/NightlyRun/test243.m

Export determination: 6.

Rationale: CHG: shutting down test temporarily

Change #643 with diff file ISSM-19757-19758.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: minor

Change #644 with diff file ISSM-19758-19759.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross

Export determination: 6.

Rationale: CHG: Removed test243 from Jenkins Linux runs on Ross and re-stored CPUs to run to 3.

Change #645 with diff file ISSM-19759-19760.diff:

Function name:

A /issm/trunk-jpl/src/m/boundaryconditions/SetIceShelfBC.js M /issm/trunk-jpl/src/m/classes/SMBforcing.js A /issm/trunk-jpl/src/m/classes/autodiff.js A

/issm/trunk-jpl/src/m/classes/balancethickness.js M /issm/trunk-jpl/src/m/classes/basalforcings.js

A /issm/trunk-jpl/src/m/classes/calving.js A /issm/trunk-jpl/src/m/classes/flaim.js

A /issm/trunk-jpl/src/m/classes/gia.js A /issm/trunk-jpl/src/m/classes/hydrologyshreve.js
A /issm/trunk-jpl/src/m/classes/inversion.js A /issm/trunk-jpl/src/m/classes/masstransport.js
A /issm/trunk-jpl/src/m/classes/miscellaneous.js M /issm/trunk-jpl/src/m/classes/model.js
A /issm/trunk-jpl/src/m/classes/outputdefinition.js A /issm/trunk-jpl/src/m/classes/private.js
A /issm/trunk-jpl/src/m/classes/qmu.js A /issm/trunk-jpl/src/m/classes/radaroverlay.js
A /issm/trunk-jpl/src/m/classes/steadystate.js M /issm/trunk-jpl/src/m/classes/stressbalance.js
A /issm/trunk-jpl/src/m/classes/thermal.js A /issm/trunk-jpl/src/m/classes/transient.js
M /issm/trunk-jpl/src/m/plot/processdata.js
Export determination: 6.
Rationale: CHG: finished implementing all classes and modules needed to parameterize test101 in javascript.

Change #646 with diff file ISSM-19760-19761.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_manager.js A /issm/trunk-jpl/src/m/plot/plot_mesh.js

M /issm/trunk-jpl/src/m/plot/plot_unit.js

Export determination: 6.

Rationale: CHG: Adding plot_mesh capability for test101.html

Change #647 with diff file ISSM-19761-19762.diff:

Function name:

M /issm/trunk-jpl/externalpackages/adolc/install-withampi-macosx64.sh

Export determination: 6.

Rationale: CHG: new github address.

Change #648 with diff file ISSM-19762-19763.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/ThermalAnalysis.cpp

Export determination: 6.

Rationale: BUG: hack for thermal should be false by default

Change #649 with diff file ISSM-19763-19764.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_unit.js

Export determination: 6.

Rationale: Making the plot 3D in 2D, i.e. removing $z=0$

Change #650 with diff file ISSM-19764-19765.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Element.h M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp
M /issm/trunk-jpl/src/c/classes/Elements/Penta.h M /issm/trunk-jpl/src/c/classes/Elements/Seg.h
M /issm/trunk-jpl/src/c/classes/Elements/Tetra.h M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp
M /issm/trunk-jpl/src/c/classes/Elements/Tria.h M /issm/trunk-jpl/src/c/classes/FemModel.cpp
M /issm/trunk-jpl/src/c/classes/FemModel.h M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h
M /issm/trunk-jpl/src/c/shared/Enum/EnumToStringx.cpp M /issm/trunk-jpl/src/c/shared/Enum/StringToEnum.cpp
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/FloatingAreaEnum.m
M /issm/trunk-jpl/test/NightlyRun/test314.m M /issm/trunk-jpl/test/NightlyRun/test314.py
M /issm/trunk-jpl/test/NightlyRun/test317.m M /issm/trunk-jpl/test/NightlyRun/test317.py

Export determination: 6.

Rationale: NEW: added floating area output result

Change #651 with diff file ISSM-19765-19766.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive314.nc M /issm/trunk-jpl/test/Archives/Archive317.nc

Export determination: 6.

Rationale: NEW: minor archives for floating area output

Change #652 with diff file ISSM-19766-19767.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/HydrologySommersAnalysis.cpp

Export determination: 6.

Rationale: CHG: adding cap on gap and support for default friction law

Change #653 with diff file ISSM-19767-19768.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: add compilers

Change #654 with diff file ISSM-19768-19769.diff:

Function name:

M /issm/trunk-jpl/src/m/array/arrayoperations.js A /issm/trunk-jpl/src/m/parameterization/setflowequation
M /issm/trunk-jpl/src/wrappers/EnumToString/EnumToString.h A /issm/trunk-
jpl/src/wrappers/EnumToString/EnumToString.js M /issm/trunk-jpl/src/wrappers/StringToEnum/StringToE
A /issm/trunk-jpl/src/wrappers/StringToEnum/StringToEnum.js M /issm/trunk-
jpl/src/wrappers/javascript/Makefile.am M /issm/trunk-jpl/src/wrappers/javascript/io/FetchJavascriptData.
M /issm/trunk-jpl/src/wrappers/javascript/io/javascriptio.h M /issm/trunk-jpl/test/Exp/Square.js
M /issm/trunk-jpl/test/Par/SquareShelfConstrained.js

Export determination: 6.

Rationale: CHG: new EnumToString and StringToEnum javascript modules.
New array operations. Finished translating setflowequation javascript routine.
Finished parameterization file SquareShelfConstrained.js. Starting solve.js rou-
tine.

Change #655 with diff file ISSM-19769-19770.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive108.nc M /issm/trunk-jpl/test/Archives/Archive111.nc
M /issm/trunk-jpl/test/Archives/Archive206.nc M /issm/trunk-jpl/test/Archives/Archive207.nc
M /issm/trunk-jpl/test/Archives/Archive208.nc M /issm/trunk-jpl/test/Archives/Archive209.nc
M /issm/trunk-jpl/test/Archives/Archive210.nc M /issm/trunk-jpl/test/Archives/Archive211.nc
M /issm/trunk-jpl/test/Archives/Archive224.nc M /issm/trunk-jpl/test/Archives/Archive226.nc
M /issm/trunk-jpl/test/Archives/Archive227.nc M /issm/trunk-jpl/test/Archives/Archive232.nc
M /issm/trunk-jpl/test/Archives/Archive233.nc M /issm/trunk-jpl/test/Archives/Archive237.nc
M /issm/trunk-jpl/test/Archives/Archive312.nc M /issm/trunk-jpl/test/Archives/Archive318.nc
M /issm/trunk-jpl/test/Archives/Archive406.nc M /issm/trunk-jpl/test/Archives/Archive409.nc
M /issm/trunk-jpl/test/Archives/Archive410.nc M /issm/trunk-jpl/test/Archives/Archive411.nc
M /issm/trunk-jpl/test/Archives/Archive415.nc M /issm/trunk-jpl/test/Archives/Archive416.nc
M /issm/trunk-jpl/test/Archives/Archive426.nc M /issm/trunk-jpl/test/Archives/Archive427.nc
M /issm/trunk-jpl/test/Archives/Archive439.nc M /issm/trunk-jpl/test/Archives/Archive506.nc
M /issm/trunk-jpl/test/Archives/Archive507.nc M /issm/trunk-jpl/test/Archives/Archive508.nc
M /issm/trunk-jpl/test/Archives/Archive509.nc M /issm/trunk-jpl/test/Archives/Archive510.nc
M /issm/trunk-jpl/test/Archives/Archive513.nc M /issm/trunk-jpl/test/Archives/Archive515.nc
M /issm/trunk-jpl/test/Archives/Archive516.nc M /issm/trunk-jpl/test/Archives/Archive802.nc
M /issm/trunk-jpl/test/NightlyRun/test210.m

Export determination: 6.

Rationale: CHG: updated archives without thermal hack

Change #656 with diff file ISSM-19770-19771.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Enum/Synchronize.sh
Export determination: 6.
Rationale: CHG: added javascript EnumDefinition.js generation capability.

Change #657 with diff file ISSM-19771-19772.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_manager.js M /issm/trunk-jpl/src/m/plot/plot_mesh.js
M /issm/trunk-jpl/src/m/plot/plot_unit.js M /issm/trunk-jpl/src/m/plot/webgl.js
Export determination: 6.
Rationale: CHG:Standardizing js plot api. Attempting fix to preven default zoom behavior on test101 canvases.

Change #658 with diff file ISSM-19772-19773.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_mesh.js M /issm/trunk-jpl/src/m/plot/webgl.js
Export determination: 6.
Rationale: CHG:Fixing zoom behavior and hotfix for broken plot_mesh in test101.html

Change #659 with diff file ISSM-19773-19774.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_manager.js
Export determination: 6.
Rationale: CHG: Adding dynamic frame generation for test101.html

Change #660 with diff file ISSM-19774-19775.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test101.html
Export determination: 6.
Rationale: CHG:Modifying test101.html to comply with dynamic frame generation

Change #661 with diff file ISSM-19775-19776.diff:
Function name:

M /issm/trunk-jpl/src/m/classes/plotoptions.js M /issm/trunk-jpl/src/m/plot/plot_manager.js
Export determination: 6.
Rationale: CHG:Removing need to specifying canvasids in test101 plots

Change #662 with diff file ISSM-19776-19777.diff:
Function name:
M /issm/trunk-jpl/test/Archives/Archive225.nc M /issm/trunk-jpl/test/Archives/Archive505.nc
Export determination: 6.
Rationale: CHG: trying to fix last archives

Change #663 with diff file ISSM-19777-19778.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test237.py M /issm/trunk-jpl/test/NightlyRun/test505.py
Export determination: 6.
Rationale: CHG: tolerance python

Change #664 with diff file ISSM-19778-19779.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_mesh.js
Export determination: 6.
Rationale: CHG: fixed some issues.

Change #665 with diff file ISSM-19779-19780.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_mesh.js
Export determination: 6.
Rationale: CHG: took out forgotten debug statement.

Change #666 with diff file ISSM-19780-19781.diff:
Function name:
M /issm/trunk-jpl/src/m/array/arrayoperations.js M /issm/trunk-jpl/src/m/classes/SMBforcing.js
M /issm/trunk-jpl/src/m/classes/basalforcings.js M /issm/trunk-jpl/src/m/classes/constants.js
M /issm/trunk-jpl/src/m/classes/damage.js M /issm/trunk-jpl/src/m/classes/flowequation.js

M /issm/trunk-jpl/src/m/classes/friction.js M /issm/trunk-jpl/src/m/classes/geometry.js
 M /issm/trunk-jpl/src/m/classes/hydrologyshreve.js M /issm/trunk-jpl/src/m/classes/initialization.js
 M /issm/trunk-jpl/src/m/classes/mask.js M /issm/trunk-jpl/src/m/classes/matrice.js
 M /issm/trunk-jpl/src/m/classes/mesh2d.js M /issm/trunk-jpl/src/m/classes/model.js
 M /issm/trunk-jpl/src/m/classes/timestepping.js A /issm/trunk-jpl/src/m/consistency/checkfield.js
 A /issm/trunk-jpl/src/m/consistency/ismodelselfconsistent.js A /issm/trunk-
 jpl/src/m/enum/EnumDefinitions.js M /issm/trunk-jpl/src/m/parameterization/setmask.js
 A /issm/trunk-jpl/src/m/solve/solve.js
 Export determination: 6.
 Rationale: NEW,CHG: going through consistency check for classes.

Change #667 with diff file ISSM-19781-19782.diff:
 Function name:
 M /issm/trunk-jpl/test/NightlyRun/test101.html
 Export determination: 6.
 Rationale: CHG: updated test101.html with solve phase.

Change #668 with diff file ISSM-19782-19783.diff:
 Function name:
 M /issm/trunk-jpl/src/m/plot/applyoptions.js M /issm/trunk-jpl/src/m/plot/plot_manager.js
 M /issm/trunk-jpl/test/NightlyRun/test101.html
 Export determination: 6.
 Rationale: CHG: Adding colorbar support for test101.html

Change #669 with diff file ISSM-19783-19784.diff:
 Function name:
 M /issm/trunk-jpl/src/m/classes/mismipbasalforcings.py
 Export determination: 6.
 Rationale: BUG: fixed a couple minor bugs in class

Change #670 with diff file ISSM-19784-19785.diff:
 Function name:
 A /issm/trunk-jpl/externalpackages/mpich/install-3.0-macosx64-elcapitan.sh
 Export determination: 6.
 Rationale: One way to avoid firewall and host-name issues on El Capitan is to

use gforker, instead of default hydra, process manager.

Change #671 with diff file ISSM-19785-19786.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/applyoptions.js M /issm/trunk-jpl/test/NightlyRun/test101.html

Export determination: 6.

Rationale: CHG:Adding colorbar label support for test101

Change #672 with diff file ISSM-19786-19787.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/applyoptions.js M /issm/trunk-jpl/test/NightlyRun/test101.html

Export determination: 6.

Rationale: CHG:Fixing default behavior for applyoptions colorbar labels

Change #673 with diff file ISSM-19787-19788.diff:

Function name:

A /issm/trunk-jpl/src/c/main/issm.js M /issm/trunk-jpl/src/m/array/arrayoperations.js
M /issm/trunk-jpl/src/m/classes/autodiff.js M /issm/trunk-jpl/src/m/classes/balancethickness.js
M /issm/trunk-jpl/src/m/classes/calving.js M /issm/trunk-jpl/src/m/classes/clusters/generic.js
M /issm/trunk-jpl/src/m/classes/flaim.js M /issm/trunk-jpl/src/m/classes/gia.js
M /issm/trunk-jpl/src/m/classes/groundingline.js M /issm/trunk-jpl/src/m/classes/hydrologyshreve.js
M /issm/trunk-jpl/src/m/classes/inversion.js M /issm/trunk-jpl/src/m/classes/masstransport.js
M /issm/trunk-jpl/src/m/classes/miscellaneous.js M /issm/trunk-jpl/src/m/classes/outputdefinition.js
M /issm/trunk-jpl/src/m/classes/private.js M /issm/trunk-jpl/src/m/classes/qmu.js
M /issm/trunk-jpl/src/m/classes/rifts.js M /issm/trunk-jpl/src/m/classes/settings.js
M /issm/trunk-jpl/src/m/classes/steadystate.js M /issm/trunk-jpl/src/m/classes/stressbalance.js
M /issm/trunk-jpl/src/m/classes/thermal.js M /issm/trunk-jpl/src/m/classes/toolkits.js
M /issm/trunk-jpl/src/m/classes/transient.js M /issm/trunk-jpl/src/m/classes/verbose.js
M /issm/trunk-jpl/src/m/consistency/ismodelselfconsistent.js A /issm/trunk-jpl/src/m/io/fileptr.js
A /issm/trunk-jpl/src/m/solve/WriteData.js A /issm/trunk-jpl/src/m/solve/marshall.js
M /issm/trunk-jpl/src/wrappers/javascript/Makefile.am
M /issm/trunk-jpl/test/NightlyRun/test101.html

Export determination: 6.

Rationale: CHG: implemented ismodelselfconsistent routine and all corresponding checkconsistency routines in the main model classes. Implemented embryo of i/o routines to start marshallling model. Implemented issm.js and compilation of main issm module to run ISSM in javascript.

Change #674 with diff file ISSM-19788-19789.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test317.py

Export determination: 6.

Rationale: CHG: added more tolerances now that we added some checks

Change #675 with diff file ISSM-19789-19790.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test317.py

Export determination: 6.

Rationale: CHG: minor cosmetics

Change #676 with diff file ISSM-19790-19791.diff:

Function name:

A /issm/trunk-jpl/externalpackages/javascript A /issm/trunk-jpl/externalpackages/javascript/compressor

A /issm/trunk-jpl/externalpackages/javascript/compressor/yuicompressor-2.4.8.jar

A /issm/trunk-jpl/externalpackages/javascript/src A /issm/trunk-jpl/externalpackages/javascript/src/gl-matrix-min.js A /issm/trunk-jpl/externalpackages/javascript/src/jquery.min.js

A /issm/trunk-jpl/externalpackages/javascript/src/sprintf.js

Export determination: 6.

Rationale: CHG: needed for javascript issm build.

Change #677 with diff file ISSM-19791-19792.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/SMBforcing.js M /issm/trunk-jpl/src/m/classes/autodiff.js

M /issm/trunk-jpl/src/m/classes/balancethickness.js M /issm/trunk-jpl/src/m/classes/basalforcings.js

M /issm/trunk-jpl/src/m/classes/calving.js M /issm/trunk-jpl/src/m/classes/constants.js

M /issm/trunk-jpl/src/m/classes/damage.js M /issm/trunk-jpl/src/m/classes/debug.js

M /issm/trunk-jpl/src/m/classes/flowequation.js M /issm/trunk-jpl/src/m/classes/friction.js

M /issm/trunk-jpl/src/m/classes/geometry.js M /issm/trunk-jpl/src/m/classes/gia.js

M /issm/trunk-jpl/src/m/classes/groundingline.js M /issm/trunk-jpl/src/m/classes/hydrologyshreve.js

M /issm/trunk-jpl/src/m/classes/initialization.js M /issm/trunk-jpl/src/m/classes/inversion.js

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

M /issm/trunk-jpl/src/m/classes/matice.js M /issm/trunk-jpl/src/m/classes/mesh2d.js

M /issm/trunk-jpl/src/m/classes/miscellaneous.js M /issm/trunk-jpl/src/m/classes/outputdefinition.js

M /issm/trunk-jpl/src/m/classes/qmu.js M /issm/trunk-jpl/src/m/classes/rifts.js

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

M /issm/trunk-jpl/src/m/classes/stressbalance.js M /issm/trunk-jpl/src/m/classes/thermal.js

M /issm/trunk-jpl/src/m/classes/timestepping.js M /issm/trunk-jpl/src/m/classes/transient.js
M /issm/trunk-jpl/src/m/classes/verbose.js A /issm/trunk-jpl/src/m/inversions/marshallcostfunctions.js
M /issm/trunk-jpl/src/m/io/fileptr.js M /issm/trunk-jpl/src/m/solve/WriteData.js
M /issm/trunk-jpl/src/m/solve/marshall.js M /issm/trunk-jpl/test/NightlyRun/test101.html
Export determination: 6.
Rationale: CHG: finished implementation of the marshall routine ,based on writing to a typed array buffer. No file i/o involved at this point. Fake memory based file i/o is implemented in WriteData.js and used throughout the classes marshall methods.

Change #678 with diff file ISSM-19792-19793.diff:

Function name:

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

Export determination: 6.

Rationale: CHG:Adding in colorbar height options and centering to test101.html

Change #679 with diff file ISSM-19793-19794.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/m/array/arrayoperations.js M /issm/trunk-jpl/src/m/boundaryconditions/SetIceShelfFF
M /issm/trunk-jpl/src/m/classes/SMBforcing.js M /issm/trunk-jpl/src/m/classes/balancethickness.js
M /issm/trunk-jpl/src/m/classes/basalforcings.js M /issm/trunk-jpl/src/m/classes/clusters/generic.js
A /issm/trunk-jpl/src/m/classes/clusters/local.js M /issm/trunk-jpl/src/m/classes/damage.js
M /issm/trunk-jpl/src/m/classes/friction.js M /issm/trunk-jpl/src/m/classes/geometry.js
M /issm/trunk-jpl/src/m/classes/initialization.js M /issm/trunk-jpl/src/m/classes/masstransport.js
M /issm/trunk-jpl/src/m/classes/model.js M /issm/trunk-jpl/src/m/classes/outputdefinition.js
M /issm/trunk-jpl/src/m/classes/qmu.js M /issm/trunk-jpl/src/m/classes/steadystate.js
M /issm/trunk-jpl/src/m/classes/stressbalance.js M /issm/trunk-jpl/src/m/classes/thermal.js
M /issm/trunk-jpl/src/m/classes/toolkits.js M /issm/trunk-jpl/src/m/classes/transient.js
M /issm/trunk-jpl/src/m/classes/verbose.js M /issm/trunk-jpl/src/m/io/fileptr.js
M /issm/trunk-jpl/src/m/plot/processdata.js M /issm/trunk-jpl/src/m/solve/WriteData.js
M /issm/trunk-jpl/src/m/solve/solve.js A /issm/trunk-jpl/src/wrappers/Issm
A /issm/trunk-jpl/src/wrappers/Issm/issm.cpp A /issm/trunk-jpl/src/wrappers/Issm/issm.js
M /issm/trunk-jpl/src/wrappers/javascript/Makefile.am M /issm/trunk-jpl/test/NightlyRun/test101.html
M /issm/trunk-jpl/test/Par/SquareShelfConstrained.par

Export determination: 6.

Rationale: CHG: finished first prototype of running stressbalance in javascript.
Need to now process the output buffers through loadresultsfromcluster.

Change #680 with diff file ISSM-19794-19795.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Adding font size/coloring options for colorbar labels in test101.html

Change #681 with diff file ISSM-19795-19796.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_manager.js M /issm/trunk-jpl/src/m/plot/processdata.js

Export determination: 6.

Rationale: CHG: minor bug fixes.

Change #682 with diff file ISSM-19796-19797.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test237.py M /issm/trunk-jpl/test/NightlyRun/test513.py

Export determination: 6.

Rationale: CHG: updated tolerances python

Change #683 with diff file ISSM-19797-19798.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test513.m M /issm/trunk-jpl/test/NightlyRun/test513.py

Export determination: 6.

Rationale: CHG: Relaxed Python and Matlab test513.

Change #684 with diff file ISSM-19798-19799.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Correcting colorbar calculations and labeling for test101.html

Change #685 with diff file ISSM-19799-19800.diff:

Function name:

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

Export determination: 6.
Rationale: CHG: Fixing broken caxis behavior for test101.html

Change #686 with diff file ISSM-19800-19801.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/applyoptions.js
Export determination: 6.
Rationale: CHG: back to precision(3);

Change #687 with diff file ISSM-19801-19802.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/ExternalResults/GenericExternalResult.h
Export determination: 6.
Rationale: CHG: bug that was revealed in the javascript build. UNDEF is not a valid value for an integer. Can produce garbage.

Change #688 with diff file ISSM-19802-19803.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Params/GenericParam.h
Export determination: 6.
Rationale: CHG: new constructor for GenericParam.h, which actually keeps track of the object

Change #689 with diff file ISSM-19803-19804.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/FemModel.cpp M /issm/trunk-jpl/src/c/classes/FemModel.h
Export determination: 6.
Rationale: CHG: added new CleanupJS javascript cleanup routine, which dumps the output file content into a memory buffer, which is then returned to the issm.js javascript routine.

Change #690 with diff file ISSM-19804-19805.diff:
Function name:

M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt
M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/c/shared/Enum/Synchron
Export determination: 6.
Rationale: CHG: new javascript compile related enums for output memory buffers. Also, modified the Synchronize.sh to optimize the enum file, no need to go through EnumToString!

Change #691 with diff file ISSM-19805-19806.diff:

Function name:

M /issm/trunk-jpl/src/m/array/arrayoperations.js

Export determination: 6.

Rationale: CHG: introducing map operations.

Change #692 with diff file ISSM-19806-19807.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/Issm/issm.cpp M /issm/trunk-jpl/src/wrappers/Issm/issm.js

Export determination: 6.

Rationale: CHG: finished successful implementation of issm module. Now returns a memory buffer that can be loaded in loadresultsfrombuffer in the solve.js routine. Struggled to figure out the best way to return a binary memory buffer allocated on the HEAP8 module stack, not the HEAPF64 stack!

Change #693 with diff file ISSM-19807-19808.diff:

Function name:

M /issm/trunk-jpl/src/m/materials/paterson.js

Export determination: 6.

Rationale: CHG: fixed nasty misspelling bug that was hyper rigidfying model runs in javascript.

Change #694 with diff file ISSM-19808-19809.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG: introduced some checks for data that is essentially 0 filled in javascript plots.

Change #695 with diff file ISSM-19809-19810.diff:

Function name:

M /issm/trunk-jpl/src/m/enum/EnumDefinitions.js M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py
A /issm/trunk-jpl/src/m/enum/OutputBufferPointerEnum.m A /issm/trunk-jpl/src/m/enum/OutputBufferSizePointerEnum.m

Export determination: 6.

Rationale: CHG: new OutputBufferSizePointerEnum and OutputBufferPointerEnum enums for javascript memory buffers tracking.

Change #696 with diff file ISSM-19810-19811.diff:

Function name:

M /issm/trunk-jpl/src/m/io/fileptr.js M /issm/trunk-jpl/src/m/solve/marshall.js

Export determination: 6.

Rationale: CHG: i/o is now bidirection, can write and read a binary memory buffer.

Change #697 with diff file ISSM-19811-19812.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: minor, wrong check

Change #698 with diff file ISSM-19812-19813.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/ExternalResults/GenericExternalResult.h

Export determination: 6.

Rationale: CHG: reverting to step = UNDEF. Problem is downstream in the way javascript reads the integer, not here.

Change #699 with diff file ISSM-19813-19814.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/ExternalResults/GenericExternalResult.h

Export determination: 6.
Rationale: CHG: fixing small issue:)

Change #700 with diff file ISSM-19814-19815.diff:

Function name:

M /issm/trunk-jpl/src/m/io/fileptr.js

Export determination: 6.

Rationale: CHG: don't read uint32, rather int32!

Change #701 with diff file ISSM-19815-19816.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: model.results should be a map in javascript.

Change #702 with diff file ISSM-19816-19817.diff:

Function name:

A /issm/trunk-jpl/src/m/solve/loadresultsfrombuffer.js A /issm/trunk-jpl/src/m/solve/parseresultsfrombuffer

M /issm/trunk-jpl/src/m/solve/solve.js M /issm/trunk-jpl/test/NightlyRun/test101.html

Export determination: 6.

Rationale: CHG: finished loading results from the issm module, using an output memory buffer. Also finished test101.html, providing results identical to test101.m

Change #703 with diff file ISSM-19817-19818.diff:

Function name:

M /issm/trunk-jpl/src/m/parameterization/setmask.js

Export determination: 6.

Rationale: CHG: not allowed!

Change #704 with diff file ISSM-19818-19819.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/mesh2d.js

Export determination: 6.
Rationale: CHG: missing bracket.

Change #705 with diff file ISSM-19819-19820.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/mesh2d.js
Export determination: 6.
Rationale: CHG: missing bracked.

Change #706 with diff file ISSM-19820-19821.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/webgl.js
Export determination: 6.
Rationale: CHG: Removing js multiline string usage for compatibility.

Change #707 with diff file ISSM-19821-19822.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/applyoptions.js
Export determination: 6.
Rationale: CHG: Optimizing colorbar and adding colorbar ticks for test101.html

Change #708 with diff file ISSM-19822-19823.diff:
Function name:
M /issm/trunk-jpl/src/m/Makefile.am
Export determination: 6.
Rationale: CHG: added all the javascript scripts.

Change #709 with diff file ISSM-19823-19824.diff:
Function name:
M /issm/trunk-jpl/src/m/array/arrayoperations.js M /issm/trunk-jpl/src/m/classes/pairoptions.js
M /issm/trunk-jpl/src/m/geometry/FlagElements.js M /issm/trunk-jpl/src/m/inversions/marshallcostfunction
M /issm/trunk-jpl/src/m/parameterization/setmask.js
Export determination: 6.

Rationale: CHG: issues fixed with counters in for loops not being declared properly.

Change #710 with diff file ISSM-19824-19825.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/model.js A /issm/trunk-jpl/src/m/classes/priv.js
D /issm/trunk-jpl/src/m/classes/private.js A /issm/trunk-jpl/src/m/classes/trans.js
D /issm/trunk-jpl/src/m/classes/transient.js M /issm/trunk-jpl/src/m/solve/loadresultsfrombuffer.js
M /issm/trunk-jpl/src/m/solve/marshall.js M /issm/trunk-jpl/src/m/solve/solve.js
M /issm/trunk-jpl/test/NightlyRun/test101.html

Export determination: 6.

Rationale: CHG: private and transient are keywords in javascript, which means they can't be class names. Replaced them by trans and priv classes in model.js.

Change #711 with diff file ISSM-19825-19826.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp
M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt
M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp A /issm/trunk-jpl/src/m/enum/DeviatoricStresse
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.js M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py

Export determination: 6.

Rationale: NEW: enabled effective deviatoric stress as a requested output

Change #712 with diff file ISSM-19826-19827.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/applyoptions.js M /issm/trunk-jpl/src/m/plot/plot_unit.js
M /issm/trunk-jpl/src/m/plot/processdata.js M /issm/trunk-jpl/src/m/plot/processmesh.js

Export determination: 6.

Rationale: CHG: processed some segfaults in processedd and processmesh on the javascript side of things. Also enabled redrawing of colorbar again and again.

Change #713 with diff file ISSM-19827-19828.diff:

Function name:

M /issm/trunk-jpl/src/m/array/arrayoperations.js

Export determination: 6.

Rationale: NEW: new clone routine.

Change #714 with diff file ISSM-19828-19829.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/basalforcings.js M /issm/trunk-jpl/src/m/classes/calving.js
M /issm/trunk-jpl/src/m/classes/flowequation.js M /issm/trunk-jpl/src/m/classes/geometry.js
M /issm/trunk-jpl/src/m/classes/gia.js M /issm/trunk-jpl/src/m/classes/masstransport.js
M /issm/trunk-jpl/src/m/classes/thermal.js M /issm/trunk-jpl/src/m/classes/trans.js

Export determination: 6.

Rationale: CHG: fixed issues with transient and private classes still being used (in javascript).

Change #715 with diff file ISSM-19829-19830.diff:

Function name:

M /issm/trunk-jpl/src/m/consistency/ismodelselfconsistent.js

Export determination: 6.

Rationale: CHG: fixed issues with private class still being used (in javascript).

Change #716 with diff file ISSM-19830-19831.diff:

Function name:

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

Export determination: 6.

Rationale: CHG (JAVASCRIPT): added target install in Makefile.am for private and transient classes

Change #717 with diff file ISSM-19831-19832.diff:

Function name:

M /issm/trunk-jpl/src/m/solve/WriteData.js M /issm/trunk-jpl/src/m/solve/loadresultsfrombuffer.js
M /issm/trunk-jpl/src/m/solve/parsereventsfrombuffer.js M /issm/trunk-jpl/src/m/solve/solve.js

Export determination: 6.

Rationale: CHG (JAVASCRIPT): fixed serious segfaults.

Change #718 with diff file ISSM-19832-19833.diff:

Function name:
M /issm/trunk-jpl/src/m/classes/organizer.py
Export determination: 6.
Rationale: CHG: remove period in file name to prevent model files from appearing as hidden when prefix field is empty

Change #719 with diff file ISSM-19833-19834.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test101.html
Export determination: 6.
Rationale: CHG (JAVASCRIPT): adapting test101.html to the new way results are returned.

Change #720 with diff file ISSM-19834-19835.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/initialization.js
Export determination: 6.
Rationale: CHG (JAVASCRIPT): avoid vx and vy being pointed to by marshalled buffer. Deep copy first.

Change #721 with diff file ISSM-19835-19836.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test341.m
Export determination: 6.
Rationale: CHG: Relaxed Matlab test 341.

Change #722 with diff file ISSM-19836-19837.diff:
Function name:
M /issm/trunk-jpl/src/m/materials/DepthAvgTempCond.py
Export determination: 6.
Rationale: CHG: Fixing python-matlab script conversion error

Change #723 with diff file ISSM-19837-19838.diff:

Function name:
M /issm/trunk-jpl/src/m/boundaryconditions/SetIceShelfBC.js
Export determination: 6.
Rationale: CHG(JAVASCRIPT): fixed bug in spc setup.

Change #724 with diff file ISSM-19838-19839.diff:

Function name:
M /issm/trunk-jpl/src/wrappers/ContourToMesh/ContourToMesh.h A /issm/trunk-jpl/src/wrappers/ContourToMesh/ContourToMesh.js M /issm/trunk-jpl/src/wrappers/javascript/Makefile.am
M /issm/trunk-jpl/src/wrappers/javascript/io/WriteJavascriptData.cpp M /issm/trunk-jpl/src/wrappers/javascript/io/javascriptio.h
Export determination: 6.
Rationale: NEW(JAVASCRIPT): new ContourToMesh module.

Change #725 with diff file ISSM-19839-19840.diff:

Function name:
M /issm/trunk-jpl/src/m/plot/plot_unit.js M /issm/trunk-jpl/src/m/plot/webgl.js
Export determination: 6.
Rationale: CHG (JAVASCRIPT): cmap option.

Change #726 with diff file ISSM-19840-19841.diff:

Function name:
A /issm/trunk-jpl/src/m/plot/slider.js
Export determination: 6.
Rationale: CHG: slider.

Change #727 with diff file ISSM-19841-19842.diff:

Function name:
M /issm/trunk-jpl/src/m/miscellaneous/colorbars.js
Export determination: 6.
Rationale: CHG: Adding more js colorbars

Change #728 with diff file ISSM-19842-19843.diff:

Function name:
M /issm/trunk-jpl/test/NightlyRun/test101.html
Export determination: 6.
Rationale: CHG: added contour to mesh include.

Change #729 with diff file ISSM-19843-19844.diff:
Function name:
M /issm/trunk-jpl/src/m/Makefile.am
Export determination: 6.
Rationale: NEW (javascript): adding slider.js

Change #730 with diff file ISSM-19844-19845.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_manager.js
Export determination: 6.
Rationale: CHG: canvases now reuse canvases for javascript displays

Change #731 with diff file ISSM-19845-19846.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_unit.js
Export determination: 6.
Rationale: CHG (JAVASCRIPT): rainbow now renamed jet.

Change #732 with diff file ISSM-19846-19847.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/applyoptions.js
Export determination: 6.
Rationale: CHG: Adding colorbarcanvasid option

Change #733 with diff file ISSM-19847-19848.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/applyoptions.js
Export determination: 6.

Rationale: CHG: Adding in default colobarcanvas handling for javascript displays

Change #734 with diff file ISSM-19848-19849.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Addressing colorbar context error

Change #735 with diff file ISSM-19849-19850.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Tentative fix for javascript display colorbar sizing

Change #736 with diff file ISSM-19850-19851.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Fixing colorbarcanvasid handling for labelsw

Change #737 with diff file ISSM-19851-19852.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: incorrect enums were being marshalled for frictioncoulomb class

Change #738 with diff file ISSM-19852-19853.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Fixing javascript colorbar behavior for predefined colorbars.

Change #739 with diff file ISSM-19853-19854.diff:

Function name:

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

M /issm/trunk-jpl/src/m/plot/plot_mesh.js M /issm/trunk-jpl/src/m/plot/plot_unit.js

M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG: Refining js colorbar behavior to include smooth mesh color interpolation. Improved colorbar positioning.

Change #740 with diff file ISSM-19854-19855.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_unit.js

Export determination: 6.

Rationale: CHG: added view angle option.

Change #741 with diff file ISSM-19855-19856.diff:

Function name:

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

Export determination: 6.

Rationale: CHG (javascript): colorbarnticks option.

Change #742 with diff file ISSM-19856-19857.diff:

Function name:

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

Export determination: 6.

Rationale: CHG (javascript): colorbarprecision option.

Change #743 with diff file ISSM-19857-19858.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/timestepping.js M /issm/trunk-jpl/src/m/classes/timestepping.m

Export determination: 6.

Rationale: CHG: no more time stepping in years (old from sea ice model)

Change #744 with diff file ISSM-19858-19859.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: javascript - Adding colorbar orientation option.

Change #745 with diff file ISSM-19859-19860.diff:

Function name:

A /issm/trunk-jpl/src/m/io/loadmodel.js A /issm/trunk-jpl/src/m/io/saveAsFile.js

A /issm/trunk-jpl/src/m/io/savemodel.js

Export determination: 6.

Rationale: NEW (JAVASCRIPT): new file io

Change #746 with diff file ISSM-19860-19861.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/SMBforcing.js M /issm/trunk-jpl/src/m/classes/autodiff.js

M /issm/trunk-jpl/src/m/classes/balancethickness.js M /issm/trunk-jpl/src/m/classes/basalforcings.js

M /issm/trunk-jpl/src/m/classes/calving.js M /issm/trunk-jpl/src/m/classes/constants.js

M /issm/trunk-jpl/src/m/classes/damage.js M /issm/trunk-jpl/src/m/classes/debug.js

M /issm/trunk-jpl/src/m/classes/flowequation.js M /issm/trunk-jpl/src/m/classes/friction.js

M /issm/trunk-jpl/src/m/classes/geometry.js M /issm/trunk-jpl/src/m/classes/gia.js

M /issm/trunk-jpl/src/m/classes/groundingline.js M /issm/trunk-jpl/src/m/classes/hydrologyshreve.js

M /issm/trunk-jpl/src/m/classes/initialization.js M /issm/trunk-jpl/src/m/classes/inversion.js

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

M /issm/trunk-jpl/src/m/classes/masstransport.js M /issm/trunk-jpl/src/m/classes/matice.js

M /issm/trunk-jpl/src/m/classes/mesh2d.js M /issm/trunk-jpl/src/m/classes/miscellaneous.js

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

M /issm/trunk-jpl/src/m/classes/qmu.js M /issm/trunk-jpl/src/m/classes/rifts.js

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

M /issm/trunk-jpl/src/m/classes/stressbalance.js M /issm/trunk-jpl/src/m/classes/thermal.js

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

M /issm/trunk-jpl/src/m/classes/trans.js M /issm/trunk-jpl/src/m/classes/verbose.js

Export determination: 6.

Rationale: CHG (JAVASCRIPT): fixed some issues with segfaults.

Change #747 with diff file ISSM-19861-19862.diff:
Function name:
M /issm/trunk-jpl/src/m/miscellaneous/fielddisplay.js
Export determination: 6.
Rationale: CHG (JAVASCRIPT): better display of arrays.

Change #748 with diff file ISSM-19862-19863.diff:
Function name:
M /issm/trunk-jpl/src/m/Makefile.am
Export determination: 6.
Rationale: CHG (JAVASCRIPT): new i/o routines.

Change #749 with diff file ISSM-19863-19864.diff:
Function name:
M /issm/trunk-jpl/src/m/array/arrayoperations.js
Export determination: 6.
Rationale: CHG (JAVASCRIPT): new NullFix routine to fix model once we are loading it with the JSON parser.

Change #750 with diff file ISSM-19864-19865.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_manager.js A /issm/trunk-jpl/src/m/plot/plot_overlay.js
M /issm/trunk-jpl/src/m/plot/plot_unit.js M /issm/trunk-jpl/src/m/plot/webgl.js
Export determination: 6.
Rationale: ADD: javascript: plot_overlay functionality.

Change #751 with diff file ISSM-19865-19866.diff:
Function name:
M /issm/trunk-jpl/src/m/interp/SectionValues.py
Export determination: 6.
Rationale: BUG: index in SectionValues starts at zero, different indexing than in matlab equivalent...

Change #752 with diff file ISSM-19866-19867.diff:

Function name:

M /issm/trunk-jpl/examples/Pig/Pig.par

Export determination: 6.

Rationale: CHG: Updated surface forcings to smb.

Change #753 with diff file ISSM-19867-19868.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_overlay.js

Export determination: 6.

Rationale: CHG (JAVASCRIPT): Implementing xlim, ylim options for js plot display.

Change #754 with diff file ISSM-19868-19869.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test432.m M /issm/trunk-jpl/test/NightlyRun/test432.py

Export determination: 6.

Rationale: CHG: Relaxed test432 parameter 'WaterFraction' for both Python and Matlab. Although, only Python was having an issue.

Change #755 with diff file ISSM-19869-19870.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_overlay.js M /issm/trunk-jpl/src/m/plot/plot_unit.js

M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG (javascript): Fixing default shaders to use colors instead of textures.

Change #756 with diff file ISSM-19870-19871.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_mesh.js M /issm/trunk-jpl/src/m/plot/plot_overlay.js

M /issm/trunk-jpl/src/m/plot/plot_unit.js M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG (javascript): Applying xlim/ylim options for all plots.

Change #757 with diff file ISSM-19871-19872.diff:

Function name:

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

M /issm/trunk-jpl/src/m/plot/plot_overlay.js M /issm/trunk-jpl/src/m/plot/plot_unit.js

M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG (javascript): Fixing default shader behavior for js plot displays.

Change #758 with diff file ISSM-19872-19873.diff:

Function name:

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

Export determination: 6.

Rationale: CHG (javascript): Separating mesh coloring from colorbar logic.

Change #759 with diff file ISSM-19873-19874.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_mesh.js M /issm/trunk-jpl/src/m/plot/plot_overlay.js

M /issm/trunk-jpl/src/m/plot/plot_unit.js M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG javascript: Altering drawing function and adding drawing order for js plot display.

Change #760 with diff file ISSM-19874-19875.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_overlay.js M /issm/trunk-jpl/src/m/plot/plot_unit.js

Export determination: 6.

Rationale: CHG (javascript): Correcting xlim/ylim overlay offsets.

Change #761 with diff file ISSM-19875-19876.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_unit.js

Export determination: 6.

Rationale: CHG (javascript): Addressing missing mesh display with no overlay.

Change #762 with diff file ISSM-19876-19877.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: keep available tif image if requested with an option.

Change #763 with diff file ISSM-19877-19878.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: adding an option to control text clipping (default on).

Change #764 with diff file ISSM-19878-19879.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_overlay.js

Export determination: 6.

Rationale: CHG: no image by default!

Change #765 with diff file ISSM-19879-19880.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/SMBforcing.m M /issm/trunk-jpl/src/m/classes/autodiff.m
M /issm/trunk-jpl/src/m/classes/balancethickness.m M /issm/trunk-jpl/src/m/classes/basalforcings.m
M /issm/trunk-jpl/src/m/classes/calving.m M /issm/trunk-jpl/src/m/classes/constants.m
M /issm/trunk-jpl/src/m/classes/damage.m M /issm/trunk-jpl/src/m/classes/debug.m
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/friction.m M /issm/trunk-jpl/src/m/classes/geometry.m
M /issm/trunk-jpl/src/m/classes/gia.m M /issm/trunk-jpl/src/m/classes/groundingline.m
M /issm/trunk-jpl/src/m/classes/hydrologyshreve.m M /issm/trunk-jpl/src/m/classes/initialization.m
M /issm/trunk-jpl/src/m/classes/m1qn3inversion.m M /issm/trunk-jpl/src/m/classes/mask.m
M /issm/trunk-jpl/src/m/classes/masstransport.m M /issm/trunk-jpl/src/m/classes/matice.m
M /issm/trunk-jpl/src/m/classes/mesh2d.m M /issm/trunk-jpl/src/m/classes/miscellaneous.m
M /issm/trunk-jpl/src/m/classes/model.m M /issm/trunk-jpl/src/m/classes/outputdefinition.m
M /issm/trunk-jpl/src/m/classes/private.m M /issm/trunk-jpl/src/m/classes/qmu.m
M /issm/trunk-jpl/src/m/classes/rifts.m M /issm/trunk-jpl/src/m/classes/settings.m
M /issm/trunk-jpl/src/m/classes/steadystate.m M /issm/trunk-jpl/src/m/classes/stressbalance.m
M /issm/trunk-jpl/src/m/classes/thermal.m M /issm/trunk-jpl/src/m/classes/timestepping.m
M /issm/trunk-jpl/src/m/classes/toolkits.m M /issm/trunk-jpl/src/m/classes/transient.m
M /issm/trunk-jpl/src/m/classes/verbose.m

Export determination: 6.
Rationale: CHG (javascript): adding savemodeljs to save a model in matlab into javascript file

Change #766 with diff file ISSM-19880-19881.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/applyoptions.m
Export determination: 6.
Rationale: BUG: fixed option check

Change #767 with diff file ISSM-19881-19882.diff:
Function name:
A /issm/trunk-jpl/src/m/shp/shp2js.m
Export determination: 6.
Rationale: CHG: transfer shapefile into javascript file.

Change #768 with diff file ISSM-19882-19883.diff:
Function name:
A /issm/trunk-jpl/src/m/js A /issm/trunk-jpl/src/m/js/writejs1Darray.m A /issm/trunk-jpl/src/m/js/writejs2Darray.m A /issm/trunk-jpl/src/m/js/writejscellstring.m A /issm/trunk-jpl/src/m/js/writejsdouble.m A /issm/trunk-jpl/src/m/js/writejsstring.m A /issm/trunk-jpl/src/m/js/writejsstruct.m
Export determination: 6.
Rationale: CHG: (javascript): matlab routines to write arrays, doubles, strings, etc... into a javascript format.

Change #769 with diff file ISSM-19883-19884.diff:
Function name:
M /issm/trunk-jpl/src/m/Makefile.am
Export determination: 6.
Rationale: CHG (javascript): install target for plot_overlay.js

Change #770 with diff file ISSM-19884-19885.diff:

Function name:
M /issm/trunk-jpl/src/m/plot/applyoptions.js
Export determination: 6.
Rationale: CHG (javascript): Implementing colorbartitle option.

Change #771 with diff file ISSM-19885-19886.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_unit.js
Export determination: 6.
Rationale: CHG (javascript): Preliminary movie implementation for transient plots.

Change #772 with diff file ISSM-19886-19887.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_unit.js M /issm/trunk-jpl/src/m/plot/webgl.js
Export determination: 6.
Rationale: CHG (javascript): Modifying accepted movie data format for js plots.

Change #773 with diff file ISSM-19887-19888.diff:
Function name:
M /issm/trunk-jpl/src/m/array/arrayoperations.js
Export determination: 6.
Rationale: CHG (javascript): Fixing semantic issues with ArrayAnyNaN not operating on matrices correctly.

Change #774 with diff file ISSM-19888-19889.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_unit.js M /issm/trunk-jpl/src/m/plot/processdata.js
Export determination: 6.
Rationale: CHG (javascript): Working implementation of movies for js plots.

Change #775 with diff file ISSM-19889-19890.diff:
Function name:

M /issm/trunk-jpl/src/m/plot/plot_unit.js
Export determination: 6.
Rationale: CHG (javascript): Removing debug statements.

Change #776 with diff file ISSM-19890-19891.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/applyoptions.js
Export determination: 6.
Rationale: CHG (javascript): Adding colorbar handling for movie data.

Change #777 with diff file ISSM-19891-19892.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/applyoptions.js M /issm/trunk-jpl/src/m/plot/plot_unit.js
Export determination: 6.
Rationale: CHG (javascript): Resolving erroneous data bounds for movie data.

Change #778 with diff file ISSM-19892-19893.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/mask.m M /issm/trunk-jpl/src/m/classes/stressbalance.m
Export determination: 6.
Rationale: CHG(Javascript): fixed bug for referential and ice_levelset saving.

Change #779 with diff file ISSM-19893-19894.diff:
Function name:
M /issm/trunk-jpl/src/wrappers/python/io/FetchPythonData.cpp
Export determination: 6.
Rationale: BUG: COPY string, do not just pass the salt... euh the pointer

Change #780 with diff file ISSM-19894-19895.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/model.m M /issm/trunk-jpl/src/m/classes/radaroverlay.js
M /issm/trunk-jpl/src/m/classes/radaroverlay.m M /issm/trunk-jpl/src/m/classes/timestepping.m
A /issm/trunk-jpl/src/m/miscellaneous/converttopowerof2.m M /issm/trunk-

jpl/src/m/plot/radarpower.m M /issm/trunk-jpl/src/m/plot/slider.js
Export determination: 6.
Rationale: CHG: new radaroverlay outer triangulation.

Change #781 with diff file ISSM-19895-19896.diff:

Function name:

A /issm/trunk-jpl/src/py3 A /issm/trunk-jpl/src/py3/boundaryconditions A
/issm/trunk-jpl/src/py3/boundaryconditions/PattynSMB.py A /issm/trunk-jpl/src/py3/boundaryconditions/
A /issm/trunk-jpl/src/py3/boundaryconditions/SetIceShelfBC.py A /issm/trunk-
jpl/src/py3/boundaryconditions/SetMarineIceSheetBC.py A /issm/trunk-jpl/src/py3/classes
A /issm/trunk-jpl/src/py3/classes/SMBcomponents.py A /issm/trunk-jpl/src/py3/classes/SMBd18opdd.py
A /issm/trunk-jpl/src/py3/classes/SMBforcing.py A /issm/trunk-jpl/src/py3/classes/SMBgradients.py
A /issm/trunk-jpl/src/py3/classes/SMBmeltcomponents.py A /issm/trunk-jpl/src/py3/classes/SMBpdd.py
A /issm/trunk-jpl/src/py3/classes/adinversion.py A /issm/trunk-jpl/src/py3/classes/autodiff.py
A /issm/trunk-jpl/src/py3/classes/balancethickness.py A /issm/trunk-jpl/src/py3/classes/bamggeom.py
A /issm/trunk-jpl/src/py3/classes/bamgmesh.py A /issm/trunk-jpl/src/py3/classes/basalforcings.py
A /issm/trunk-jpl/src/py3/classes/calving.py A /issm/trunk-jpl/src/py3/classes/calvinglevermann.py
A /issm/trunk-jpl/src/py3/classes/clusters A /issm/trunk-jpl/src/py3/classes/clusters/generic.py
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A /issm/trunk-jpl/src/py3/classes/linearbasalforcings.py A /issm/trunk-jpl/src/py3/classes/m1qn3inversion.p
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A /issm/trunk-jpl/src/py3/classes/private.py A /issm/trunk-jpl/src/py3/classes/qmu.py
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A /issm/trunk-jpl/src/py3/classes/rifts.py A /issm/trunk-jpl/src/py3/classes/settings.py
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A /issm/trunk-jpl/src/py3/classes/transient.py A /issm/trunk-jpl/src/py3/classes/verbose.py
A /issm/trunk-jpl/src/py3/consistency A /issm/trunk-jpl/src/py3/consistency/QueueRequirements.py

A /issm/trunk-jpl/src/py3/consistency/checkfield.py A /issm/trunk-jpl/src/py3/consistency/ismodelselfconsis
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 A /issm/trunk-jpl/src/py3/contrib/netCDF A /issm/trunk-jpl/src/py3/contrib/netCDF/ClassTry.py
 A /issm/trunk-jpl/src/py3/contrib/netCDF/ClassTry.py.bak A /issm/trunk-jpl/src/py3/contrib/netCDF/exp
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 A /issm/trunk-jpl/src/py3/dev/devpath.py A /issm/trunk-jpl/src/py3/dev/issmversion.py
 A /issm/trunk-jpl/src/py3/enum A /issm/trunk-jpl/src/py3/enum/EnumDefinitions.py
 A /issm/trunk-jpl/src/py3/exp A /issm/trunk-jpl/src/py3/exp/expcoarsen.py
 A /issm/trunk-jpl/src/py3/exp/expdisp.py A /issm/trunk-jpl/src/py3/exp/expread.py
 A /issm/trunk-jpl/src/py3/exp/expwrite.py A /issm/trunk-jpl/src/py3/extrusion
 A /issm/trunk-jpl/src/py3/extrusion/DepthAverage.py A /issm/trunk-jpl/src/py3/extrusion/project2d.py
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 A /issm/trunk-jpl/src/py3/geometry/FlagElements.py A /issm/trunk-jpl/src/py3/geometry/GetAreas.py
 A /issm/trunk-jpl/src/py3/geometry/SegIntersect.py A /issm/trunk-jpl/src/py3/geometry/slope.py
 A /issm/trunk-jpl/src/py3/interp A /issm/trunk-jpl/src/py3/interp/SectionValues.py
 A /issm/trunk-jpl/src/py3/interp/averaging.py A /issm/trunk-jpl/src/py3/interp/holefiller.py
 A /issm/trunk-jpl/src/py3/interp/interp.py A /issm/trunk-jpl/src/py3/inversions
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 A /issm/trunk-jpl/src/py3/mesh/ComputeMetric.py A /issm/trunk-jpl/src/py3/mesh/ElementsFromEdge.py
 A /issm/trunk-jpl/src/py3/mesh/GetNodalFunctionsCoeff.py A /issm/trunk-
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 /issm/trunk-jpl/src/py3/mesh/rifts A /issm/trunk-jpl/src/py3/mesh/rifts/meshprocessoutsiderifts.py
 A /issm/trunk-jpl/src/py3/mesh/rifts/meshprocessrifts.py A /issm/trunk-jpl/src/py3/mesh/roundmesh.py
 A /issm/trunk-jpl/src/py3/mesh/squaremesh.py A /issm/trunk-jpl/src/py3/mesh/triangle.py
 A /issm/trunk-jpl/src/py3/miscellaneous A /issm/trunk-jpl/src/py3/miscellaneous/MatlabFuncs.py
 A /issm/trunk-jpl/src/py3/miscellaneous/PythonFuncs.py A /issm/trunk-jpl/src/py3/miscellaneous/fielddispl
 A /issm/trunk-jpl/src/py3/miscellaneous/isnans.py A /issm/trunk-jpl/src/py3/miscellaneous/parallellrange.py
 A /issm/trunk-jpl/src/py3/modifier.sh A /issm/trunk-jpl/src/py3/os A /issm/trunk-

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 A /issm/trunk-jpl/src/py3/plot/applyoptions.py A /issm/trunk-jpl/src/py3/plot/checkplotoptions.py
 A /issm/trunk-jpl/src/py3/plot/colormaps A /issm/trunk-jpl/src/py3/plot/colormaps/cmaptools.py
 A /issm/trunk-jpl/src/py3/plot/export_gl.py A /issm/trunk-jpl/src/py3/plot/plot_contour.py
 A /issm/trunk-jpl/src/py3/plot/plot_manager.py A /issm/trunk-jpl/src/py3/plot/plot_mesh.py
 A /issm/trunk-jpl/src/py3/plot/plot_overlay.py A /issm/trunk-jpl/src/py3/plot/plot_streamlines.py
 A /issm/trunk-jpl/src/py3/plot/plot_unit.py A /issm/trunk-jpl/src/py3/plot/plotmodel.py
 A /issm/trunk-jpl/src/py3/plot/processdata.py A /issm/trunk-jpl/src/py3/plot/processmesh.py
 A /issm/trunk-jpl/src/py3/plot/writejsfield.py A /issm/trunk-jpl/src/py3/plot/writejsfile.py
 A /issm/trunk-jpl/src/py3/shp A /issm/trunk-jpl/src/py3/shp/shp2exp.py A
 /issm/trunk-jpl/src/py3/solve A /issm/trunk-jpl/src/py3/solve/WriteData.py
 A /issm/trunk-jpl/src/py3/solve/loadresultsfromcluster.py A /issm/trunk-jpl/src/py3/solve/loadresultsfromdi
 A /issm/trunk-jpl/src/py3/solve/marshall.py A /issm/trunk-jpl/src/py3/solve/parseresultsfromdisk.py
 A /issm/trunk-jpl/src/py3/solve/solve.py A /issm/trunk-jpl/src/py3/solve/waitonlock.py
 A /issm/trunk-jpl/src/py3/solvers A /issm/trunk-jpl/src/py3/solvers/asmoptions.py
 A /issm/trunk-jpl/src/py3/solvers/iluasmoptions.py A /issm/trunk-jpl/src/py3/solvers/issmglsolver.py
 A /issm/trunk-jpl/src/py3/solvers/issmmumpsolver.py A /issm/trunk-jpl/src/py3/solvers/jacobiasmoptions.p
 A /issm/trunk-jpl/src/py3/solvers/jacobicgoptions.py A /issm/trunk-jpl/src/py3/solvers/matlaboptions.py
 A /issm/trunk-jpl/src/py3/solvers/mumpsoptions.py A /issm/trunk-jpl/src/py3/solvers/soroptions.py
 A /issm/trunk-jpl/src/py3/solvers/stokesoptions.py A /issm/trunk-jpl/src/py3/test.txt
 A /issm/trunk-jpl/src/py3/tmp M /issm/trunk-jpl/src/wrappers/IssmConfig/IssmConfig.cpp
 M /issm/trunk-jpl/src/wrappers/IssmConfig/IssmConfig.h M /issm/trunk-jpl/src/wrappers/python/include/p
 M /issm/trunk-jpl/src/wrappers/python/io/FetchPythonData.cpp M /issm/trunk-
 jpl/src/wrappers/python/io/WritePythonData.cpp
 Export determination: 6.
 Rationale: NEW:Adding directory to hold the python 3 implementation of the
 interface

Change #782 with diff file ISSM-19896-19897.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: merging Basile's changes with python2

Change #783 with diff file ISSM-19897-19898.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/SMBcomponents.m M /issm/trunk-jpl/src/m/classes/SMBcomponents.py
M /issm/trunk-jpl/src/m/classes/SMBd18opdd.m M /issm/trunk-jpl/src/m/classes/SMBd18opdd.py
M /issm/trunk-jpl/src/m/classes/SMBforcing.m M /issm/trunk-jpl/src/m/classes/SMBforcing.py
M /issm/trunk-jpl/src/m/classes/SMBgemb.m M /issm/trunk-jpl/src/m/classes/SMBgradients.m
M /issm/trunk-jpl/src/m/classes/SMBgradients.py M /issm/trunk-jpl/src/m/classes/SMBhenning.m
M /issm/trunk-jpl/src/m/classes/SMBmeltcomponents.m M /issm/trunk-jpl/src/m/classes/SMBmeltcomponen
M /issm/trunk-jpl/src/m/classes/SMBpdd.m M /issm/trunk-jpl/src/m/classes/SMBpdd.py
M /issm/trunk-jpl/src/m/classes/adinversion.m 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/calving.m
M /issm/trunk-jpl/src/m/classes/calving.py M /issm/trunk-jpl/src/m/classes/calvingdev.m
M /issm/trunk-jpl/src/m/classes/calvinglevermann.m M /issm/trunk-jpl/src/m/classes/calvinglevermann.py
M /issm/trunk-jpl/src/m/classes/calvingpi.m 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/frictioncoulomb.m
M /issm/trunk-jpl/src/m/classes/frictioncoulomb.py M /issm/trunk-jpl/src/m/classes/frictionhydro.m
M /issm/trunk-jpl/src/m/classes/frictionsommers.m M /issm/trunk-jpl/src/m/classes/frictiontemp.m
M /issm/trunk-jpl/src/m/classes/frictionwaterlayer.m M /issm/trunk-jpl/src/m/classes/frictionweertman.m
M /issm/trunk-jpl/src/m/classes/frictionweertman.py M /issm/trunk-jpl/src/m/classes/frictionweertmantemp
M /issm/trunk-jpl/src/m/classes/geometry.m M /issm/trunk-jpl/src/m/classes/geometry.py
M /issm/trunk-jpl/src/m/classes/gia.m M /issm/trunk-jpl/src/m/classes/gia.py
M /issm/trunk-jpl/src/m/classes/hydrologydc.m M /issm/trunk-jpl/src/m/classes/hydrologydc.py
M /issm/trunk-jpl/src/m/classes/hydrologysommers.m M /issm/trunk-jpl/src/m/classes/initialization.m
M /issm/trunk-jpl/src/m/classes/initialization.py M /issm/trunk-jpl/src/m/classes/inversion.m
M /issm/trunk-jpl/src/m/classes/inversion.py M /issm/trunk-jpl/src/m/classes/inversionvalidation.m
M /issm/trunk-jpl/src/m/classes/linearbasalforcings.m M /issm/trunk-jpl/src/m/classes/linearbasalforcings.p
M /issm/trunk-jpl/src/m/classes/m1qn3inversion.m M /issm/trunk-jpl/src/m/classes/m1qn3inversion.py
M /issm/trunk-jpl/src/m/classes/masscon.m M /issm/trunk-jpl/src/m/classes/massconaxpby.m
M /issm/trunk-jpl/src/m/classes/matice.m M /issm/trunk-jpl/src/m/classes/matice.py
M /issm/trunk-jpl/src/m/classes/mesh2d.m M /issm/trunk-jpl/src/m/classes/mesh2d.py
M /issm/trunk-jpl/src/m/classes/mesh2dvertical.m M /issm/trunk-jpl/src/m/classes/mesh3dprisms.m
M /issm/trunk-jpl/src/m/classes/mesh3dprisms.py M /issm/trunk-jpl/src/m/classes/mesh3dsurface.m
M /issm/trunk-jpl/src/m/classes/mesh3dtetras.m M /issm/trunk-jpl/src/m/classes/misfit.m
M /issm/trunk-jpl/src/m/classes/mismipbasalforcings.m M /issm/trunk-jpl/src/m/classes/mismipbasalforc
M /issm/trunk-jpl/src/m/classes/spheremesh.m M /issm/trunk-jpl/src/m/classes/stressbalance.m
M /issm/trunk-jpl/src/m/classes/stressbalance.py M /issm/trunk-jpl/src/m/classes/taoinversion.m
M /issm/trunk-jpl/src/m/classes/taoinversion.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/consistency/checkfield.m
Export determination: 6.

Rationale: CHG: added check on Inf values in checkconsistency

Change #784 with diff file ISSM-19898-19899.diff:

Function name:

M /issm/trunk-jpl/src/py3/classes/SMBcomponents.py M /issm/trunk-jpl/src/py3/classes/SMBd18opdd.py
M /issm/trunk-jpl/src/py3/classes/SMBforcing.py M /issm/trunk-jpl/src/py3/classes/SMBgradients.py
M /issm/trunk-jpl/src/py3/classes/SMBmeltcomponents.py M /issm/trunk-jpl/src/py3/classes/SMBpdd.py
M /issm/trunk-jpl/src/py3/classes/balancethickness.py M /issm/trunk-jpl/src/py3/classes/basalforcings.py
M /issm/trunk-jpl/src/py3/classes/calving.py M /issm/trunk-jpl/src/py3/classes/calvinglevermann.py
M /issm/trunk-jpl/src/py3/classes/friction.py M /issm/trunk-jpl/src/py3/classes/frictioncoulomb.py
M /issm/trunk-jpl/src/py3/classes/frictionweertman.py M /issm/trunk-jpl/src/py3/classes/geometry.py
M /issm/trunk-jpl/src/py3/classes/gia.py M /issm/trunk-jpl/src/py3/classes/hydrologydc.py
M /issm/trunk-jpl/src/py3/classes/initialization.py M /issm/trunk-jpl/src/py3/classes/inversion.py
M /issm/trunk-jpl/src/py3/classes/linearbasalforcings.py M /issm/trunk-jpl/src/py3/classes/m1qn3inversion.py
M /issm/trunk-jpl/src/py3/classes/matrice.py M /issm/trunk-jpl/src/py3/classes/mesh2d.py
M /issm/trunk-jpl/src/py3/classes/mesh3dprisms.py M /issm/trunk-jpl/src/py3/classes/mismipbasalforcings.py
M /issm/trunk-jpl/src/py3/classes/stressbalance.py M /issm/trunk-jpl/src/py3/classes/taoinversion.py
M /issm/trunk-jpl/src/py3/classes/timestepping.py

Export determination: 6.

Rationale: CHG: added check on Inf values in checkconsistency

Change #785 with diff file ISSM-19899-19900.diff:

Function name:

M /issm/trunk-jpl/src/py3/consistency/checkfield.py

Export determination: 6.

Rationale: NEW: added check 'Inf',1

Change #786 with diff file ISSM-19900-19901.diff:

Function name:

M /issm/trunk-jpl/src/m/consistency/checkfield.py

Export determination: 6.

Rationale: NEW: added check 'Inf',1

Change #787 with diff file ISSM-19901-19902.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/SMBforcing.js M /issm/trunk-jpl/src/m/classes/balancethickness.js
M /issm/trunk-jpl/src/m/classes/basalforcings.js M /issm/trunk-jpl/src/m/classes/calving.js
M /issm/trunk-jpl/src/m/classes/friction.js M /issm/trunk-jpl/src/m/classes/geometry.js
M /issm/trunk-jpl/src/m/classes/gia.js M /issm/trunk-jpl/src/m/classes/initialization.js
M /issm/trunk-jpl/src/m/classes/inversion.js M /issm/trunk-jpl/src/m/classes/matrice.js
M /issm/trunk-jpl/src/m/classes/mesh2d.js M /issm/trunk-jpl/src/m/classes/stressbalance.js

M /issm/trunk-jpl/src/m/classes/timestepping.js

Export determination: 6.

Rationale: CHG: added check isinf in js, need to add the same to checkconsistency

Change #788 with diff file ISSM-19902-19903.diff:

Function name:

M /issm/trunk-jpl/src/m/consistency/checkfield.js

Export determination: 6.

Rationale: CHG: added check isinf in js

Change #789 with diff file ISSM-19903-19904.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/calving.js M /issm/trunk-jpl/src/m/classes/calving.m

M /issm/trunk-jpl/src/m/classes/calving.py M /issm/trunk-jpl/src/m/classes/calvingdev.m

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

M /issm/trunk-jpl/src/m/classes/calvingpi.m M /issm/trunk-jpl/src/m/classes/damage.js

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

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

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

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

M /issm/trunk-jpl/src/m/classes/masstransport.js M /issm/trunk-jpl/src/m/classes/masstransport.m

M /issm/trunk-jpl/src/m/classes/masstransport.py M /issm/trunk-jpl/src/m/classes/stressbalance.js

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

M /issm/trunk-jpl/src/m/classes/thermal.js M /issm/trunk-jpl/src/m/classes/thermal.m

M /issm/trunk-jpl/src/m/classes/thermal.py M /issm/trunk-jpl/src/py3/classes/calving.py

M /issm/trunk-jpl/src/py3/classes/calvinglevermann.py M /issm/trunk-jpl/src/py3/classes/damage.py

M /issm/trunk-jpl/src/py3/classes/hydrologydc.py M /issm/trunk-jpl/src/py3/classes/hydrologyshreve.py

M /issm/trunk-jpl/src/py3/classes/masstransport.py M /issm/trunk-jpl/src/py3/classes/stressbalance.py

M /issm/trunk-jpl/src/py3/classes/thermal.py

Export determination: 6.

Rationale: CHG: added check Inf on spc as well

Change #790 with diff file ISSM-19904-19905.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG (javascript): Adding zoombounds option to js plots.

Change #791 with diff file ISSM-19905-19906.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_unit.js M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG (javascript): Fixing zooming behavior and removing extraneous code from plot_unit.

Change #792 with diff file ISSM-19906-19907.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG (javascript): Code cleanup for webgl.js.

Change #793 with diff file ISSM-19907-19908.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG (javascript): Handling zoom boundary cases for plots.

Change #794 with diff file ISSM-19908-19909.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_manager.js M /issm/trunk-jpl/src/m/plot/plot_overlay.js

A /issm/trunk-jpl/src/m/plot/plot_radaroverlay.js

Export determination: 6.

Rationale: CHG (javascript): Now plotting outer overlay.

Change #795 with diff file ISSM-19909-19910.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/slider.js

Export determination: 6.

Rationale: CHG: introduced step.

Change #796 with diff file ISSM-19910-19911.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_manager.js M /issm/trunk-jpl/src/m/plot/plot_overlay.js

D /issm/trunk-jpl/src/m/plot/plot_radaroverlay.js

Export determination: 6.

Rationale: CHG (javascript): Consolidating radaroverlay handling.

Change #797 with diff file ISSM-19911-19912.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: forgot to add extrude function in mismipbasalforcings classes

Change #798 with diff file ISSM-19912-19913.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_manager.js M /issm/trunk-jpl/src/m/plot/plot_mesh.js

M /issm/trunk-jpl/src/m/plot/plot_overlay.js M /issm/trunk-jpl/src/m/plot/plot_unit.js

M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG (javascript): Implementing 3d mesh support for overlay, mesh, and unit plots. Preventing webgl from drawing unloaded textures.

Change #799 with diff file ISSM-19913-19914.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_overlay.js

Export determination: 6.

Rationale: CHG (javascript): Recommitting plot_overlay.

Change #800 with diff file ISSM-19914-19915.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_overlay.js

Export determination: 6.

Rationale: CHG (javascript): Correcting texture coordinates for outer radaroverlay.

Change #801 with diff file ISSM-19915-19916.diff:

Function name:

A /issm/trunk-jpl/externalpackages/javascript/src/hammer.min.js M /issm/trunk-jpl/src/m/plot/plot_mesh.js M /issm/trunk-jpl/src/m/plot/plot_overlay.js M /issm/trunk-jpl/src/m/plot/plot_unit.js M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG (javascript): Preliminary implementation of mouse/touch camera rotation interaction for js plots.

Change #802 with diff file ISSM-19916-19917.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG (javascript): Altering modelmatrix calculation to work with translations and new camera view

Change #803 with diff file ISSM-19917-19918.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_overlay.js M /issm/trunk-jpl/src/m/plot/plot_unit.js
M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG (javascript): Adding in pinch zoom handling, azimuth/elevation camera rotation view, and azimuthbounds/elevationbounds clamping options with console output for debugging.

Change #804 with diff file ISSM-19918-19919.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG (javascript): Changing default background color to sky blue for js plots.

Change #805 with diff file ISSM-19919-19920.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_mesh.js M /issm/trunk-jpl/src/m/plot/plot_overlay.js

M /issm/trunk-jpl/src/m/plot/plot_unit.js M /issm/trunk-jpl/src/m/plot/webgl.js
Export determination: 6.
Rationale: CHG (javascript): Implementing worldspace x/y camera panning
and inner/outer ocean masking options.

Change #806 with diff file ISSM-19920-19921.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_unit.js M /issm/trunk-jpl/src/m/plot/webgl.js
Export determination: 6.
Rationale: CHG (javascript): Implementing nodata option.

Change #807 with diff file ISSM-19921-19922.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/webgl.js
Export determination: 6.
Rationale: CHG (javascript): Implementing canvasoffset option and persistent
camera rotations on plotmodel redraws.

Change #808 with diff file ISSM-19922-19923.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/webgl.js
Export determination: 6.
Rationale: CHG (javascript): Fixing low canvas resolution and adding in ex-
plicit canvas persistence handling for camera.

Change #809 with diff file ISSM-19923-19924.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/webgl.js
Export determination: 6.
Rationale: CHG (javascript): Fixing drawing of unit plots, adding more code
folds.

Change #810 with diff file ISSM-19924-19925.diff:

Function name:
M /issm/trunk-jpl/src/m/plot/plot_overlay.js
Export determination: 6.
Rationale: CHG (javascript): Fixing radaroverlay handling for overlays.

Change #811 with diff file ISSM-19925-19926.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_overlay.js
Export determination: 6.
Rationale: CHG (javascript): Hotfix for incorrectly displaying overlay.

Change #812 with diff file ISSM-19926-19927.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/HydrologySommersAnalysis.cpp
Export determination: 6.
Rationale: CHG: Added condition to prevent negative pressure

Change #813 with diff file ISSM-19927-19928.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_overlay.js M /issm/trunk-jpl/src/m/plot/plot_unit.js
Export determination: 6.
Rationale: CHG (javascript): Correcting height scaling for ocean mask shading.

Change #814 with diff file ISSM-19928-19929.diff:
Function name:
M /issm/trunk-jpl/test/Archives/Archive350.nc
Export determination: 6.
Rationale: CHG: updated Hydro Sommers archive to reflect change to analysis'

Change #815 with diff file ISSM-19929-19930.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_manager.js M /issm/trunk-jpl/src/m/plot/plot_overlay.js
M /issm/trunk-jpl/src/m/plot/plot_unit.js M /issm/trunk-jpl/src/m/plot/plotmodel.js

M /issm/trunk-jpl/src/m/plot/webgl.js
Export determination: 6.
Rationale: CHG (javascript): Tentative implementation of multiplot rendering.
Improving transparency handling.

Change #816 with diff file ISSM-19930-19931.diff:
Function name:
M /issm/trunk-jpl/test/Archives/Archive3008.nc M /issm/trunk-jpl/test/Archives/Archive3108.nc
Export determination: 6.
Rationale: CHG: updated AD test archives for test 3008 and 3108.

Change #817 with diff file ISSM-19931-19932.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/HydrologySommersAnalysis.cpp
Export determination: 6.
Rationale: CHG: Put in a cap so that subglacial gap height cannot exceed the ice thickness

Change #818 with diff file ISSM-19932-19933.diff:
Function name:
M /issm/trunk-jpl/externalpackages/petsc/install-3.5-win7.sh A /issm/trunk-jpl/jenkins/linux64_ross_test M /issm/trunk-jpl/test/NightlyRun/test124.m M /issm/trunk-jpl/test/NightlyRun/test211.m M /issm/trunk-jpl/test/NightlyRun/test211.py
Export determination: 6.
Rationale: ADD: linux64_ross_test for Jenkins.

Change #819 with diff file ISSM-19933-19934.diff:
Function name:
M /issm/trunk-jpl/externalpackages/petsc/install-3.5-win7.sh M /issm/trunk-jpl/test/NightlyRun/test124.m M /issm/trunk-jpl/test/NightlyRun/test211.m M /issm/trunk-jpl/test/NightlyRun/test211.py
Export determination: 6.
Rationale: REV: reverting files I mistakenly changed.

Change #820 with diff file ISSM-19934-19935.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_manager.js

Export determination: 6.

Rationale: CHG (javascript): Removing some console logs.

Change #821 with diff file ISSM-19935-19936.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_manager.js M /issm/trunk-jpl/src/m/plot/radarpower.m

M /issm/trunk-jpl/src/m/plot/slider.js

Export determination: 6.

Rationale: CHG: minor.

Change #822 with diff file ISSM-19936-19937.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/slider.js

Export determination: 6.

Rationale: CHG (javascript): Generalizing slidersdiv handling and implementing slidersdiv option.

Change #823 with diff file ISSM-19937-19938.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/plotoptions.js M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG (javascript): Fixing canvasid warning bug. Adding in display-zoom and displayview debug options.

Change #824 with diff file ISSM-19938-19939.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: Added logic to Jenkins script to handle build stages. More changes to come.

Change #825 with diff file ISSM-19939-19940.diff:
Function name:
M /issm/trunk-jpl/jenkins/jenkins.sh
Export determination: 6.
Rationale: CHG: Moved up the cleaning up directory part.

Change #826 with diff file ISSM-19940-19941.diff:
Function name:
M /issm/trunk-jpl/jenkins/jenkins.sh
Export determination: 6.
Rationale: CHG: Fixed a small issue with double echos.

Change #827 with diff file ISSM-19941-19942.diff:
Function name:
M /issm/trunk-jpl/jenkins/jenkins.sh
Export determination: 6.
Rationale: CHG: Escaped quotes for XML tests.

Change #828 with diff file ISSM-19942-19943.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/plotoptions.js M /issm/trunk-jpl/test/NightlyRun/test101.html
Export determination: 6.
Rationale: CHG (javascript): Implementing compatible dynamic canvas generation. Updated test101.html.

Change #829 with diff file ISSM-19943-19944.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/webgl.js
Export determination: 6.
Rationale: CHG (javascript): Implementing 2d option for js plots.

Change #830 with diff file ISSM-19944-19945.diff:
Function name:

M /issm/trunk-jpl/src/m/classes/plotoptions.js
Export determination: 6.
Rationale: CHG (javascript): Removing debug statement, fixing spacing.

Change #831 with diff file ISSM-19945-19946.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/webgl.js
Export determination: 6.
Rationale: CHG (javascript): Refactoring displayzoom/view options. 2d option now uses orthographic camera.

Change #832 with diff file ISSM-19946-19947.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/webgl.js
Export determination: 6.
Rationale: CHG (javascript): Updating zoom for js plots to use percentage based values.

Change #833 with diff file ISSM-19947-19948.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/inversion.m
Export determination: 6.
Rationale: CHG (JavaScript): new savemodeljs routine for inversion class

Change #834 with diff file ISSM-19948-19949.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/miscellaneous.m
Export determination: 6.
Rationale: CHG (JavaScript): try and handle dummy structure in miscellaneous class

Change #835 with diff file ISSM-19949-19950.diff:
Function name:

M /issm/trunk-jpl/src/m/mesh/triangle.m
Export determination: 6.
Rationale: CHG: allow for optional removal of orphans

Change #836 with diff file ISSM-19950-19951.diff:
Function name:
M /issm/trunk-jpl/src/m/miscellaneous/converttopowerof2.m
Export determination: 6.
Rationale: CHG: introduce controls on maximum size of radar image.

Change #837 with diff file ISSM-19951-19952.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/miscellaneous.m
Export determination: 6.
Rationale: CHG: fixed issue with testing against the type self.dummy

Change #838 with diff file ISSM-19952-19953.diff:
Function name:
M /issm/trunk-jpl/externalpackages/petsc/install-3.6-lonestar.sh
Export determination: 6.
Rationale: CHG: new lonestar5 system

Change #839 with diff file ISSM-19953-19954.diff:
Function name:
M /issm/trunk-jpl/externalpackages/petsc/install-3.6-lonestar.sh
Export determination: 6.
Rationale: CHG: new mpi call

Change #840 with diff file ISSM-19954-19955.diff:
Function name:
A /issm/trunk-jpl/src/m/mesh/augment2dmesh.m A /issm/trunk-jpl/src/m/mesh/mesh3dsurfaceplug2d.m
A /issm/trunk-jpl/src/m/mesh/patchglobe.m
Export determination: 6.

Rationale: CHG: some voodoo magic about plugging 2d meshes into a globe mesh.

Change #841 with diff file ISSM-19955-19956.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/model.m A /issm/trunk-jpl/src/m/exp/meshtodomain.m

A /issm/trunk-jpl/src/m/miscellaneous/alignsegments.m M /issm/trunk-jpl/src/m/parameterization/contoure

Export determination: 6.

Rationale: CHG: contourenvelope now deals only with a mesh class instead of a model class. model.m had to be adapted accordingly. New routines meshtodomain which takes the segments in the mesh and dumps a domain outline out of them. New routine alignsegments which puts unordered segments into order (prior for example to calling meshtodomain).

Change #842 with diff file ISSM-19956-19957.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: update lonestar to SLURM

Change #843 with diff file ISSM-19957-19958.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/model.m M /issm/trunk-jpl/src/m/contrib/massbalance/contourmassbalance

M /issm/trunk-jpl/src/m/mesh/rifts/meshadddrifts.m

Export determination: 6.

Rationale: BUG: prototype of contourenvelope has changed, updating accordingly

Change #844 with diff file ISSM-19958-19959.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/SMBforcing.m M /issm/trunk-jpl/src/m/classes/autodiff.m

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

M /issm/trunk-jpl/src/m/classes/constants.m M /issm/trunk-jpl/src/m/classes/damage.m

M /issm/trunk-jpl/src/m/classes/debug.m 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/friction.m

M /issm/trunk-jpl/src/m/classes/frictioncoulomb.m M /issm/trunk-jpl/src/m/classes/frictionweertman.m
 M /issm/trunk-jpl/src/m/classes/geometry.m M /issm/trunk-jpl/src/m/classes/gia.m
 M /issm/trunk-jpl/src/m/classes/groundingline.m M /issm/trunk-jpl/src/m/classes/hydrologyshreve.m
 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/linearbasalforcings.m M /issm/trunk-jpl/src/m/classes/mask.m
 M /issm/trunk-jpl/src/m/classes/maskpsl.m M /issm/trunk-jpl/src/m/classes/matdamageice.m
 M /issm/trunk-jpl/src/m/classes/matrice.m M /issm/trunk-jpl/src/m/classes/mesh2dvertical.m
 M /issm/trunk-jpl/src/m/classes/mesh3dprisms.m M /issm/trunk-jpl/src/m/classes/mesh3dsurface.m
 M /issm/trunk-jpl/src/m/classes/mesh3dtetras.m M /issm/trunk-jpl/src/m/classes/miscellaneous.m
 M /issm/trunk-jpl/src/m/classes/mismipbasalforcings.m M /issm/trunk-jpl/src/m/classes/outputdefinition.m
 M /issm/trunk-jpl/src/m/classes/qmu.m M /issm/trunk-jpl/src/m/classes/rifts.m
 M /issm/trunk-jpl/src/m/classes/settings.m M /issm/trunk-jpl/src/m/classes/steadystate.m
 M /issm/trunk-jpl/src/m/classes/stressbalance.m M /issm/trunk-jpl/src/m/classes/thermal.m
 M /issm/trunk-jpl/src/m/classes/timestepping.m M /issm/trunk-jpl/src/m/classes/transient.m
 M /issm/trunk-jpl/src/m/classes/verbose.m

Export determination: 6.

Rationale: CHG: some cleanup. Taking out the createxml routines, the effort did not pan out.

Change #845 with diff file ISSM-19959-19960.diff:

Function name:

D /issm/trunk-jpl/src/m/solve/createxml.m

Export determination: 6.

Rationale: DEL: not needed anymore

Change #846 with diff file ISSM-19960-19961.diff:

Function name:

A /issm/trunk-jpl/src/m/contrib/morphological (from /issm/trunk-jpl/src/m/morphological:19956)

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

Export determination: 6.

Rationale: CHG: moving morphological to contrib

Change #847 with diff file ISSM-19961-19962.diff:

Function name:

A /issm/trunk-jpl/bin/vilje.m

Export determination: 6.

Rationale: new: adding new cluster file

Change #848 with diff file ISSM-19962-19963.diff:

Function name:

A /issm/trunk-jpl/src/m/classes/clusters/vilje.m

Export determination: 6.

Rationale: new: adding new cluster file

Change #849 with diff file ISSM-19963-19964.diff:

Function name:

D /issm/trunk-jpl/bin/vilje.m

Export determination: 6.

Rationale: DEL: should not be added to bin, already in src/m/classes/clusters

Change #850 with diff file ISSM-19964-19965.diff:

Function name:

A /issm/trunk-jpl/src/m/plot/gauge.js

Export determination: 6.

Rationale: ADD (javascript): js plots gauge wrapper implementation.

Change #851 with diff file ISSM-19965-19966.diff:

Function name:

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

Export determination: 6.

Rationale: CHG (javascript): Implementing expdisp for js plots.

Change #852 with diff file ISSM-19966-19967.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test3001.py M /issm/trunk-jpl/test/NightlyRun/test3002.py

M /issm/trunk-jpl/test/NightlyRun/test3003.py M /issm/trunk-jpl/test/NightlyRun/test3004.py

M /issm/trunk-jpl/test/NightlyRun/test3005.py M /issm/trunk-jpl/test/NightlyRun/test3006.py

M /issm/trunk-jpl/test/NightlyRun/test3007.py M /issm/trunk-jpl/test/NightlyRun/test3008.py

M /issm/trunk-jpl/test/NightlyRun/test3009.py M /issm/trunk-jpl/test/NightlyRun/test3010.py

M /issm/trunk-jpl/test/NightlyRun/test3015.py M /issm/trunk-jpl/test/NightlyRun/test3019.py

M /issm/trunk-jpl/test/NightlyRun/test3020.py M /issm/trunk-jpl/test/NightlyRun/test3119.py

Export determination: 6.

Rationale: CHG: Removed call to issmsgslsolver() from AD tests. Call is done

during toolkits init.

Change #853 with diff file ISSM-19967-19968.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Added some modules required for non Petsc solvers as well as removed iteritems from list object.

Change #854 with diff file ISSM-19968-19969.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross_ad M /issm/trunk-jpl/jenkins/linux64_ross_ampi

Export determination: 6.

Rationale: CHG: Adding AD Python tests.

Change #855 with diff file ISSM-19969-19970.diff:

Function name:

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

Export determination: 6.

Rationale: REV: reverting changes to toolkit.py

Change #856 with diff file ISSM-19970-19971.diff:

Function name:

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

Export determination: 6.

Rationale: REV: reverting changes to autodiff.py

Change #857 with diff file ISSM-19971-19972.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Restoring changes to autodiff.py

Change #858 with diff file ISSM-19972-19973.diff:

Function name:

M /issm/trunk-jpl/externalpackages/javascript/src/hammer.min.js A /issm/trunk-jpl/externalpackages/javascript/src/jsonfn.js

Export determination: 6.

Rationale: CHG: some new packages.

Change #859 with diff file ISSM-19973-19974.diff:

Function name:

A /issm/trunk-jpl/externalpackages/javascript/src/gauge.min.js

Export determination: 6.

Rationale: ADD (javascript): gauge source file.

Change #860 with diff file ISSM-19974-19975.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross_ad

Export determination: 6.

Rationale: CHG: Added python stuff to AD configure for Jenkins.

Change #861 with diff file ISSM-19975-19976.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/gauge.js

Export determination: 6.

Rationale: CHG (javascript): Adding text label option for gauges.

Change #862 with diff file ISSM-19976-19977.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross_ad

Export determination: 6.

Rationale: CHG: Jenkins AD should only be running AD tests when provided with the `-benchmark=adole` options, but it does not seem to like. Trying it without the single quotes.

Change #863 with diff file ISSM-19977-19978.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/issm/IssmAbsVec.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiVec.h
M /issm/trunk-jpl/src/c/toolkits/issm/IssmSeqVec.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmVec.h
M /issm/trunk-jpl/src/c/toolkits/objects/Vector.h M /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscVec.h
M /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscVec.h

Export determination: 6.

Rationale: CHG: new capability to shift a toolkit vector by a certain offset.
Akin to the VecShift routine in Petsc.

Change #864 with diff file ISSM-19978-19979.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt
M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp A /issm/trunk-jpl/src/m/enum/Domain3Dsurface
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.js M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py
A /issm/trunk-jpl/src/m/enum/MaskOceanLevelsetEnum.m A /issm/trunk-jpl/src/m/enum/MaterialsEarthD
A /issm/trunk-jpl/src/m/enum/MeshLatEnum.m A /issm/trunk-jpl/src/m/enum/MeshLongEnum.m
A /issm/trunk-jpl/src/m/enum/MeshREnum.m A /issm/trunk-jpl/src/m/enum/SealevelriseAbstolEnum.m
A /issm/trunk-jpl/src/m/enum/SealevelriseAnalysisEnum.m A /issm/trunk-jpl/src/m/enum/SealevelriseDelta
A /issm/trunk-jpl/src/m/enum/SealevelriseElasticEnum.m A /issm/trunk-jpl/src/m/enum/SealevelriseEustat
A /issm/trunk-jpl/src/m/enum/SealevelriseLoveHEnum.m A /issm/trunk-jpl/src/m/enum/SealevelriseLoveKI
A /issm/trunk-jpl/src/m/enum/SealevelriseMaxiterEnum.m A /issm/trunk-jpl/src/m/enum/SealevelriseRelto
A /issm/trunk-jpl/src/m/enum/SealevelriseRigidEnum.m A /issm/trunk-jpl/src/m/enum/SealevelriseSEnum.
A /issm/trunk-jpl/src/m/enum/SealevelriseSolutionEnum.m

Export determination: 6.

Rationale: CHG: new enums for the sea level rise solution.

Change #865 with diff file ISSM-19979-19980.diff:

Function name:

A /issm/trunk-jpl/src/c/shared/Numerics/legendre.cpp M /issm/trunk-jpl/src/c/shared/Numerics/numerics.h

Export determination: 6.

Rationale: NEW: legendre polynomial evaluation function.

Change #866 with diff file ISSM-19980-19981.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added gauge.js to install target of scripts.

Change #867 with diff file ISSM-19981-19982.diff:

Function name:

M /issm/trunk-jpl/src/m/coordsystems/gmtmask.m

Export determination: 6.

Rationale: CHG: address issue of gmtmask not accepting large input files (i.e. larger than 50-100,000 vertices). Implement recursive call.

Change #868 with diff file ISSM-19982-19983.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/mesh3dsurface.m

Export determination: 6.

Rationale: CHG: no need to preprocess lat and long. Just upload them as is.

Change #869 with diff file ISSM-19983-19984.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixed leak.

Change #870 with diff file ISSM-19984-19985.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/analyses/EnumToAnalysis.cpp

A /issm/trunk-jpl/src/c/analyses/SealevelriseAnalysis.cpp A /issm/trunk-jpl/src/c/analyses/SealevelriseAnalysis.h

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

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

M /issm/trunk-jpl/src/c/classes/Elements/Seg.h M /issm/trunk-jpl/src/c/classes/Elements/Tetra.h

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

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

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

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

M /issm/trunk-jpl/src/c/cores/CorePointerFromSolutionEnum.cpp M /issm/trunk-

jpl/src/c/cores/cores.h A /issm/trunk-jpl/src/c/cores/sealevelrise_core.cpp M

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

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

M /issm/trunk-jpl/src/c/modules/VertexCoordinatesx/VertexCoordinatesx.h M
 /issm/trunk-jpl/src/m/classes/maskpsl.m M /issm/trunk-jpl/src/m/classes/matice.m
 M /issm/trunk-jpl/src/m/classes/model.m A /issm/trunk-jpl/src/m/classes/slr.m
 M /issm/trunk-jpl/src/m/consistency/ismodelselfconsistent.m
 Export determination: 6.

Rationale: CHG: new sea level rise solution. Not valdated yet! This solution requires one Sealevelrise analysis (so added the corresponding EnumToAnalysis and analysis.h files + SealevelriseAnalysis.* files). In terms of solution core: we have a new sealevelrise_core.cpp files + corresponding hook up in CorePointerFromSolutionEnum. This core calls the new FemModel Sealevelrise module, which loops through the elements, hence the mods to Element.* along with all derivatives classes, in particular Tria. In terms of ModelProcessorx, we have a modified CreateElementsVerticesAndMaterials to include lat,long and radius, which also translatates into modifications for the Vertex object. The VertexCoordinatesx module is also modified, to be able to retrieve x,y,z but also lat,long,r from vertices. Of course, this is all driven from matlab, where we have a new field in the model, the slr class.

Change #871 with diff file ISSM-19985-19986.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: new sea level rise hook up for the configure script.

Change #872 with diff file ISSM-19986-19987.diff:

Function name:

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

M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt

M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/classes/slr.m

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

Export determination: 6.

Rationale: CHG: added precomputation of legendre polynomials.

Change #873 with diff file ISSM-19987-19988.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/SealevelriseAnalysis.cpp M /issm/trunk-jpl/src/c/classes/Elements/Element

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

M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt

M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/classes/maskpsl.m
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.js M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py
A /issm/trunk-jpl/src/m/enum/MaskLandLevelsetEnum.m A /issm/trunk-jpl/src/m/enum/SealevelriseLegend
A /issm/trunk-jpl/src/m/enum/SealevelriseLegendrePrecomputeEnum.m
Export determination: 6.
Rationale: CHG: - upload legendre coefficients if they are precomputed. - new
land mask for the psl mask class.

Change #874 with diff file ISSM-19988-19989.diff:

Function name:

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

M /issm/trunk-jpl/src/m/classes/matice.js M /issm/trunk-jpl/src/m/classes/matice.py

Export determination: 6.

Rationale: CHG: missing earth density

Change #875 with diff file ISSM-19989-19990.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: issue with the legendre call.

Change #876 with diff file ISSM-19990-19991.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: a fix for AD. Need to cast IssmDouble to int.

Change #877 with diff file ISSM-19991-19992.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: another cast needed for AD.

Change #878 with diff file ISSM-19992-19993.diff:

Function name:

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

Export determination: 6.

Rationale: CHG (javascript): Implementing point cloud rendering.

Change #879 with diff file ISSM-19993-19994.diff:

Function name:

M /issm/trunk-jpl/externalpackages/export_fig/LICENSE M /issm/trunk-jpl/externalpackages/export_fig/RE

M /issm/trunk-jpl/externalpackages/export_fig/append_pdfs.m M /issm/trunk-

jpl/externalpackages/export_fig/copyfig.m M /issm/trunk-jpl/externalpackages/export_fig/crop_borders.m

M /issm/trunk-jpl/externalpackages/export_fig/eps2pdf.m M /issm/trunk-jpl/externalpackages/export_fig/exp

M /issm/trunk-jpl/externalpackages/export_fig/fix_lines.m M /issm/trunk-jpl/externalpackages/export_fig/gho

M /issm/trunk-jpl/externalpackages/export_fig/isolate_axes.m M /issm/trunk-

jpl/externalpackages/export_fig/pdftops.m M /issm/trunk-jpl/externalpackages/export_fig/print2array.m

M /issm/trunk-jpl/externalpackages/export_fig/print2eps.m M /issm/trunk-jpl/externalpackages/export_fig/u

M /issm/trunk-jpl/externalpackages/export_fig/using_hg2.m

Export determination: 6.

Rationale: BUG: reverting back to old export_fig (too many problems)

Change #880 with diff file ISSM-19994-19995.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test513.m

Export determination: 6.

Rationale: CHG: Relaxing MATLAB test513. No need to relax Python test since it was already done.

Change #881 with diff file ISSM-19995-19996.diff:

Function name:

M /issm/trunk-jpl/externalpackages/petsc/install-3.6-lonestar.sh

Export determination: 6.

Rationale: CHG: need to run sbatch

Change #882 with diff file ISSM-19996-19997.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/lonestar.m
Export determination: 6.
Rationale: CHG: minor updates for SLURM

Change #883 with diff file ISSM-19997-19998.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/clusters/lonestar.m
Export determination: 6.
Rationale: CHG: add mailing option to lonestar

Change #884 with diff file ISSM-19998-19999.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/toolkits.py M /issm/trunk-jpl/src/m/solvers/issmglsolver.py
M /issm/trunk-jpl/src/m/solvers/issmmumpssolver.py
Export determination: 6.
Rationale: CHG: Fixing python AD bug by upgrading issmglsolver.py and issmmumpssolver.py. Also adding import statements for both in toolkits.py

Change #885 with diff file ISSM-19999-20000.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test124.m
Export determination: 6.
Rationale: CHG: relaxing fields of test124.m

Change #886 with diff file ISSM-20000-20001.diff:
Function name:
M /issm/trunk-jpl/jenkins/linux64_ross_ampi
Export determination: 6.
Rationale: CHG: Adding new options for Jenkins config file.

Change #887 with diff file ISSM-20001-20002.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test3101.py M /issm/trunk-jpl/test/NightlyRun/test3102.py

M /issm/trunk-jpl/test/NightlyRun/test3103.py M /issm/trunk-jpl/test/NightlyRun/test3104.py
M /issm/trunk-jpl/test/NightlyRun/test3105.py M /issm/trunk-jpl/test/NightlyRun/test3106.py
M /issm/trunk-jpl/test/NightlyRun/test3107.py M /issm/trunk-jpl/test/NightlyRun/test3108.py
M /issm/trunk-jpl/test/NightlyRun/test3109.py M /issm/trunk-jpl/test/NightlyRun/test3110.py
Export determination: 6.
Rationale: CHG: removing calls to issmmumpssolver() and issmglsolver from
python AD tests.

Change #888 with diff file ISSM-20002-20003.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/autodiff.py M /issm/trunk-jpl/src/m/classes/dependent.py
M /issm/trunk-jpl/src/m/classes/independent.py M /issm/trunk-jpl/test/NightlyRun/test3015.py
Export determination: 6.
Rationale: CHG: changes to Python AD code to fix remaining failures.

Change #889 with diff file ISSM-20003-20004.diff:
Function name:
M /issm/trunk-jpl/jenkins/linux64_ross_ampi
Export determination: 6.
Rationale: CHG: removed commas from list of tests.

Change #890 with diff file ISSM-20004-20005.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/matice.js
Export determination: 6.
Rationale: CHG (javascript): minor issue with if statement.

Change #891 with diff file ISSM-20005-20006.diff:
Function name:
M /issm/trunk-jpl/src/m/coordsystems/gmtmask.m
Export determination: 6.
Rationale: CHG: some verbosing of gmtmask

Change #892 with diff file ISSM-20006-20007.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt
M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/enum/EnumDefinitions
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/SealevelriseGElasticEnum
A /issm/trunk-jpl/src/m/enum/SealevelriseGRigidEnum.m

Export determination: 6.

Rationale: CHG: added SealevelriseGRigidEnum and SealevelriseGElasticEnum
needed to avoid recomputation of the green function.

Change #893 with diff file ISSM-20007-20008.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/Elements/Element.h
M /issm/trunk-jpl/src/c/classes/Elements/Penta.h M /issm/trunk-jpl/src/c/classes/Elements/Seg.h
M /issm/trunk-jpl/src/c/classes/Elements/Tetra.h M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp
M /issm/trunk-jpl/src/c/classes/Elements/Tria.h M /issm/trunk-jpl/src/c/classes/FemModel.cpp
M /issm/trunk-jpl/src/c/classes/FemModel.h M /issm/trunk-jpl/src/c/cores/cores.h
M /issm/trunk-jpl/src/c/cores/sealevelrise_core.cpp A /issm/trunk-jpl/src/c/cores/sealevelrise_core_eustatic.c
A /issm/trunk-jpl/src/c/cores/sealevelrise_core_noneustatic.cpp

Export determination: 6.

Rationale: CHG: validation of the sealevelrise_core against Surendra's matlab
code. Also, improvements in the treatment of the Green function, which can be
reused in the non eustatic part of the solution.

Change #894 with diff file ISSM-20008-20009.diff:

Function name:

M /issm/trunk-jpl/externalpackages/dakota/configs/5.3.1/CMakeLists.txt.lonestar.patch
M /issm/trunk-jpl/externalpackages/dakota/install-6.2-lonestar.sh M /issm/trunk-
jpl/externalpackages/petsc/install-3.6-lonestar.sh

Export determination: 6.

Rationale: CHG: use correct mpi

Change #895 with diff file ISSM-20009-20010.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: minor updtas

Change #896 with diff file ISSM-20010-20011.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: call assemble routine for each step, because otherwise Petsc starts buffering huge amounts of data.

Change #897 with diff file ISSM-20011-20012.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: assemble every 100 steps.

Change #898 with diff file ISSM-20012-20013.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: 20

Change #899 with diff file ISSM-20013-20014.diff:

Function name:

M /issm/trunk-jpl/src/m/coordsystems/gmtmask.m

Export determination: 6.

Rationale: CHG: better verbose of gmtmask.

Change #900 with diff file ISSM-20014-20015.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/SealevelriseAnalysis.cpp M /issm/trunk-jpl/src/c/shared/Enum/EnumDefin

M /issm/trunk-jpl/src/c/shared/Enum/EnumToStringx.cpp M /issm/trunk-jpl/src/c/shared/Enum/StringTo

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

A /issm/trunk-jpl/src/m/enum/SealevelriseStoreGreenFunctionsEnum.m

Export determination: 6.

Rationale: CHG: adding option to not store green functions.

Change #901 with diff file ISSM-20015-20016.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: adding store green functions flag

Change #902 with diff file ISSM-20016-20017.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/AdjointBalancethicknessAnalysis.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/modules/ModelProcessorx/Control/UpdateElementsAndMaterialsControl.cpp

M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt

M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/enum/EnumDefinitions

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

M /issm/trunk-jpl/src/m/inversions/marshallcostfunctions.m M /issm/trunk-

jpl/src/m/inversions/supportedcostfunctions.m

Export determination: 6.

Rationale: NEW: added cost function that forces H to be positive for MC

Change #903 with diff file ISSM-20017-20018.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: no need to get Hobs everytime

Change #904 with diff file ISSM-20018-20019.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: new implementation of legendre function.

Change #905 with diff file ISSM-20019-20020.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test233.m M /issm/trunk-jpl/test/NightlyRun/test233.py

Export determination: 6.

Rationale: CHG: relaxed tests 233.

Change #906 with diff file ISSM-20020-20021.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/analyses/EnthalpyAnalysis.cpp
M /issm/trunk-jpl/src/c/analyses/ThermalAnalysis.cpp M /issm/trunk-jpl/src/c/classes/Elements/Element.c
M /issm/trunk-jpl/src/c/classes/Elements/Element.h M /issm/trunk-jpl/src/c/cores/thermal_core.cpp
M /issm/trunk-jpl/src/c/modules/FloatingIceMeltingRatex/FloatingIceMeltingRatex.cpp
A /issm/trunk-jpl/src/c/modules/GeothermalFluxx A /issm/trunk-jpl/src/c/modules/GeothermalFluxx/Geot
A /issm/trunk-jpl/src/c/modules/GeothermalFluxx/GeothermalFluxx.h M /issm/trunk-
jpl/src/c/modules/ModelProcessorx/CreateParameters.cpp M /issm/trunk-jpl/src/c/modules/modules.h
M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt
M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp A /issm/trunk-jpl/src/m/classes/plumebasalforci
A /issm/trunk-jpl/src/m/enum/BasalforcingsBottomplumeddepthEnum.m A /issm/trunk-
jpl/src/m/enum/BasalforcingsCrustthicknessEnum.m A /issm/trunk-jpl/src/m/enum/BasalforcingsDtbgEnum
A /issm/trunk-jpl/src/m/enum/BasalforcingsLowercrustheatEnum.m A /issm/trunk-
jpl/src/m/enum/BasalforcingsMantleconductivityEnum.m A /issm/trunk-jpl/src/m/enum/BasalforcingsNusse
A /issm/trunk-jpl/src/m/enum/BasalforcingsPlumeradiusEnum.m A /issm/trunk-
jpl/src/m/enum/BasalforcingsPlumexEnum.m A /issm/trunk-jpl/src/m/enum/BasalforcingsPlumeyEnum.m
A /issm/trunk-jpl/src/m/enum/BasalforcingsTopplumeddepthEnum.m A /issm/trunk-
jpl/src/m/enum/BasalforcingsUppercrustheatEnum.m A /issm/trunk-jpl/src/m/enum/BasalforcingsUppercru
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.js M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py
A /issm/trunk-jpl/src/m/enum/MantlePlumeGeothermalFluxEnum.m A /issm/trunk-
jpl/test/Archives/Archive342.nc A /issm/trunk-jpl/test/NightlyRun/test342.m

Export determination: 6.

Rationale: NEW: starting to add Mantle Plume class to compute geothermal
heat flux

Change #907 with diff file ISSM-20021-20022.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Numerics/legendre.cpp M /issm/trunk-jpl/src/c/shared/Numerics/numerics.l

Export determination: 6.

Rationale: CHG: replace legendre.cpp by a better routine.

Change #908 with diff file ISSM-20022-20023.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/SealevelriseAnalysis.cpp

Export determination: 6.

Rationale: CHG: precompute legendre polynomial values.

Change #909 with diff file ISSM-20023-20024.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: use precomputed legendre polynomial values if requested.

Change #910 with diff file ISSM-20024-20025.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: default is now to precompute legendre polynomials.

Change #911 with diff file ISSM-20025-20026.diff:

Function name:

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

Export determination: 6.

Rationale: CHG (javascript): Implementing textlabels rendering.

Change #912 with diff file ISSM-20026-20027.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: new pointer based get values routine.

Change #913 with diff file ISSM-20027-20028.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/SealevelriseAnalysis.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp
M /issm/trunk-jpl/src/c/shared/Numerics/legendre.cpp

Export determination: 6.

Rationale: CHG: speed up of the precompute sea level rise core by transposing

the legendre polynomial values matrix.

Change #914 with diff file ISSM-20028-20029.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/SealevelriseAnalysis.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.cp
M /issm/trunk-jpl/src/c/classes/Params/DoubleVecParam.cpp M /issm/trunk-
jpl/src/c/classes/Params/DoubleVecParam.h M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h
M /issm/trunk-jpl/src/c/shared/Enum/EnumToStringx.cpp M /issm/trunk-jpl/src/c/shared/Enum/StringTo
M /issm/trunk-jpl/src/m/classes/slr.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.js
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py D /issm/trunk-jpl/src/m/enum/SealevelriseGRigidEnum
D /issm/trunk-jpl/src/m/enum/SealevelriseLegendreCoefficientsEnum.m D /issm/trunk-
jpl/src/m/enum/SealevelriseLegendrePrecomputeEnum.m D /issm/trunk-jpl/src/m/enum/SealevelriseStoreG

Export determination: 6.

Rationale: CHG: faster implementation of the precomputation of Green func-
tions for elastic case.

Change #915 with diff file ISSM-20029-20030.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/SealevelriseAnalysis.cpp

Export determination: 6.

Rationale: CHG: do not compute G_elastic if we are not in elastic mode. Also,
avoid singularity due to discretization of low incidence angles.

Change #916 with diff file ISSM-20030-20031.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/SealevelriseAnalysis.cpp

Export determination: 6.

Rationale: CHG: testing compile

Change #917 with diff file ISSM-20031-20032.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: testing compile

Change #918 with diff file ISSM-20032-20033.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: testing compile

Change #919 with diff file ISSM-20033-20034.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/SealevelriseAnalysis.cpp M /issm/trunk-jpl/src/c/shared/Enum/EnumDefin

M /issm/trunk-jpl/src/c/shared/Enum/EnumToStringx.cpp M /issm/trunk-jpl/src/c/shared/Enum/StringTo

M /issm/trunk-jpl/src/c/shared/Numerics/legendre.cpp M /issm/trunk-jpl/src/m/classes/slr.m

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

A /issm/trunk-jpl/src/m/enum/SealevelriseDegaccEnum.m

Export determination: 6.

Rationale: CHG: parallelized computation of G_elastic in the Sealevelrise Up-
dateParameters analysis phase.

Change #920 with diff file ISSM-20034-20035.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/SealevelriseAnalysis.cpp

Export determination: 6.

Rationale: CHG: trying to fix reCast

Change #921 with diff file ISSM-20035-20036.diff:

Function name:

M /issm/trunk-jpl/src/c/cores/sealevelrise_core.cpp

Export determination: 6.

Rationale: CHG: better requested outputs.

Change #922 with diff file ISSM-20036-20037.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/SealevelriseAnalysis.cpp M /issm/trunk-jpl/src/c/shared/Enum/EnumDefin

M /issm/trunk-jpl/src/c/shared/Enum/EnumToStringx.cpp M /issm/trunk-jpl/src/c/shared/Enum/StringTo

M /issm/trunk-jpl/src/m/classes/slr.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.js

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

A /issm/trunk-jpl/src/m/enum/SealevelriseRequestedOutputsEnum.m
Export determination: 6.
Rationale: CHG: added requested outputs for slr solution.

Change #923 with diff file ISSM-20037-20038.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp
Export determination: 6.
Rationale: CHG: fixed NodalValue issue.

Change #924 with diff file ISSM-20038-20039.diff:
Function name:
A /issm/trunk-jpl/src/c/classes/Nodalvalue.h M /issm/trunk-jpl/src/c/classes/classes.h
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateOutputDefinitions.cpp
M /issm/trunk-jpl/src/c/modules/NodalValuex/NodalValuex.cpp M /issm/trunk-jpl/src/c/modules/modules.h M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h
M /issm/trunk-jpl/src/c/shared/Enum/EnumToString.cpp M /issm/trunk-jpl/src/c/shared/Enum/StringToEnum.cpp
A /issm/trunk-jpl/src/m/classes/nodalvalue.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.js
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/NodalvalueDefinitionenum.m
A /issm/trunk-jpl/src/m/enum/NodalvalueEnum.m A /issm/trunk-jpl/src/m/enum/NodalvalueModelEnum.m
A /issm/trunk-jpl/src/m/enum/NodalvalueNameEnum.m A /issm/trunk-jpl/src/m/enum/NodalvalueNodeEnum.m
M /issm/trunk-jpl/src/m/plot/applyoptions.m
Export determination: 6.
Rationale: CHG: added zoom option in plotmodel. Fixed Nodalvalue module.
Added new output definition Nodalvalue with corresponding nodalvalue matlab class.

Change #925 with diff file ISSM-20039-20040.diff:
Function name:
M /issm/trunk-jpl/src/c/modules/modules.h
Export determination: 6.
Rationale: CHG: premature commit.

Change #926 with diff file ISSM-20040-20041.diff:
Function name:

M /issm/trunk-jpl/src/c/toolkits/issm/IssmMpiVec.h
Export determination: 6.
Rationale: CHG: critical bug fix, erase buckets after assembly!

Change #927 with diff file ISSM-20041-20042.diff:
Function name:
M /issm/trunk-jpl/src/c/cores/sealevelrise_core_eustatic.cpp
Export determination: 6.
Rationale: CHG: remove some of the Assemble calls.

Change #928 with diff file ISSM-20042-20043.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/clusters/pfe.m
Export determination: 6.
Rationale: CHG: update the types of cpus on pleides.

Change #929 with diff file ISSM-20043-20044.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/FemModel.cpp
Export determination: 6.
Rationale: CHG: issue with missing Assemble step.

Change #930 with diff file ISSM-20044-20045.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/SealevelriseAnalysis.cpp
Export determination: 6.
Rationale: CHG: not working because probably of the MPI_AllGatherv operation.

Change #931 with diff file ISSM-20045-20046.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/toolkits.py
Export determination: 6.

Rationale: CHG: Added imports for mumpssolver.

Change #932 with diff file ISSM-20046-20047.diff:

Function name:

M /issm/trunk-jpl/src/m/solvers/issmmumpssolver.py

Export determination: 6.

Rationale: CHG: Added OrderdDict import from Python collections.

Change #933 with diff file ISSM-20047-20048.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: finished mantle class

Change #934 with diff file ISSM-20048-20049.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: improved default value

Change #935 with diff file ISSM-20049-20050.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive342.nc M /issm/trunk-jpl/test/NightlyRun/test342.m

Export determination: 6.

Rationale: NEW: new archive for test 342

Change #936 with diff file ISSM-20050-20051.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross

Export determination: 6.

Rationale: CHG: Upping Jenkins performance.

Change #937 with diff file ISSM-20051-20052.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross

Export determination: 6.

Rationale: CHG: Continued tuning of Jenkins.

Change #938 with diff file ISSM-20052-20053.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross M /issm/trunk-jpl/jenkins/linux64_ross_ad

M /issm/trunk-jpl/jenkins/linux64_ross_ampi

Export determination: 6.

Rationale: CHG: Almost finished tuning Jenkins Ubuntu and Ubuntu_AD.

Change #939 with diff file ISSM-20053-20054.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: recast of a specific value.

Change #940 with diff file ISSM-20054-20055.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/SealevelriseAnalysis.cpp

Export determination: 6.

Rationale: CHG: faster parallel way of precomputing legendre Archive Forms
oecreview.sh TEMP Template love polynomial values. Fixed huge bug for AD!
Pn, Pn1 and Pn2 were not getting renewed!

Change #941 with diff file ISSM-20055-20056.diff:

Function name:

M /issm/trunk-jpl/jenkins/windows

Export determination: 6.

Rationale: CHG: Increasing number CPUS for Windows Jenkins build.

Change #942 with diff file ISSM-20056-20057.diff:

Function name:

M /issm/trunk-jpl/jenkins/windows

Export determination: 6.

Rationale: CHG: Tuning Jenkins Windows build.

Change #943 with diff file ISSM-20057-20058.diff:

Function name:

M /issm/trunk-jpl/jenkins/windows

Export determination: 6.

Rationale: CHG: Tuning Jenkins Windows build.

Change #944 with diff file ISSM-20058-20059.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh M /issm/trunk-jpl/jenkins/windows

Export determination: 6.

Rationale: CHG: Reverting Jenkins Windows to use 5 CPUs.

Change #945 with diff file ISSM-20059-20060.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: trying to fix slr field

Change #946 with diff file ISSM-20060-20061.diff:

Function name:

A /issm/trunk-jpl/src/m/coordsystems/gmtmaskparallel.m

Export determination: 6.

Rationale: NEW: gmtmaskparallel implementation of gmtmask, using the threaded application xjobs.

Change #947 with diff file ISSM-20061-20062.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am A /issm/trunk-jpl/src/c/modules/DistanceToMaskBoundaryx
 A /issm/trunk-jpl/src/c/modules/DistanceToMaskBoundaryx/DistanceToMaskBoundaryx.cpp
 A /issm/trunk-jpl/src/c/modules/DistanceToMaskBoundaryx/DistanceToMaskBoundaryx.h
 A /issm/trunk-jpl/src/c/modules/DistanceToMaskBoundaryx/DistanceToMaskBoundaryxt.cpp
 A /issm/trunk-jpl/src/wrappers/DistanceToMaskBoundary A /issm/trunk-jpl/src/wrappers/DistanceToMaskBoundary
 A /issm/trunk-jpl/src/wrappers/DistanceToMaskBoundary/DistanceToMaskBoundary.h
 M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am
 Export determination: 6.
 Rationale: NEW: new DistanceToMaskBoundary module.

Change #948 with diff file ISSM-20062-20063.diff:
 Function name:
 M /issm/trunk-jpl/src/c/modules/modules.h
 Export determination: 6.
 Rationale: BUG: added ./DistanceToMaskBoundaryx/DistanceToMaskBoundaryx.h
 to modules list

Change #949 with diff file ISSM-20063-20064.diff:
 Function name:
 M /issm/trunk-jpl/src/wrappers/DistanceToMaskBoundary/DistanceToMaskBoundary.cpp
 Export determination: 6.
 Rationale: FIX: included missing header.

Change #950 with diff file ISSM-20064-20065.diff:
 Function name:
 M /issm/trunk-jpl/src/wrappers/DistanceToMaskBoundary/DistanceToMaskBoundary.cpp
 Export determination: 6.
 Rationale: REV: undoing include statement. Not required anymore.

Change #951 with diff file ISSM-20065-20066.diff:
 Function name:
 M /issm/trunk-jpl/src/c/analyses/Analysis.h
 Export determination: 6.
 Rationale: BUG: Attempt at fixing AD non AMPI build.

Change #952 with diff file ISSM-20066-20067.diff:

Function name:

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

M /issm/trunk-jpl/src/c/modules/DistanceToMaskBoundaryx/DistanceToMaskBoundaryxt.cpp

Export determination: 6.

Rationale: BUG: changing all doubles to IssmDoubles.

Change #953 with diff file ISSM-20067-20068.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: Forgot to change doubles in header as well.

Change #954 with diff file ISSM-20068-20069.diff:

Function name:

A /issm/trunk-jpl/test/Archives/Archive2002.nc A /issm/trunk-jpl/test/Data/love_numbers_10k.txt

A /issm/trunk-jpl/test/NightlyRun/test2002.m

Export determination: 6.

Rationale: NEW: added slr test.

Change #955 with diff file ISSM-20069-20070.diff:

Function name:

A /issm/trunk-jpl/jenkins/linux64_ross_se

Export determination: 6.

Rationale: ADD: New Jenkins SE for Linux.

Change #956 with diff file ISSM-20070-20071.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/googlemaps.m M /issm/trunk-jpl/src/m/plot/plot_googlemaps.m

Export determination: 6.

Rationale: CHG: more general lat/long inputs

Change #957 with diff file ISSM-20071-20072.diff:

Function name:
M /issm/trunk-jpl/externalpackages/gshhg/install.sh
Export determination: 6.
Rationale: CHG: 2.3.4 version

Change #958 with diff file ISSM-20072-20073.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/runme.m M /issm/trunk-jpl/test/NightlyRun/runme.py
Export determination: 6.
Rationale: CHG: renamed the gia tests to slr.

Change #959 with diff file ISSM-20073-20074.diff:
Function name:
M /issm/trunk-jpl/jenkins/linux64_ross_se
Export determination: 6.
Rationale: CHG: adapting for se runs.

Change #960 with diff file ISSM-20074-20075.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/slr.m
Export determination: 6.
Rationale: CHG: do not apply reltol by default.

Change #961 with diff file ISSM-20075-20076.diff:
Function name:
A /issm/trunk-jpl/externalpackages/geocode A /issm/trunk-jpl/externalpackages/geocode/geoCode.zip
A /issm/trunk-jpl/externalpackages/geocode/install.sh
Export determination: 6.
Rationale: CHG: new geoCode matlab routines.

Change #962 with diff file ISSM-20076-20077.diff:
Function name:
A /issm/trunk-jpl/src/m/geometry/locationtonode.m

Export determination: 6.

Rationale: NEW: new locationtonode matlab script to find the nearest point (on an earth 'mesh3dsurface' mesh) to a specific location (expressed as a string, for ex: 'LA','new york', etc.)

Change #963 with diff file ISSM-20077-20078.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross_se

Export determination: 6.

Rationale: CHG: reduced the number of CPUs that linux_ross_se uses.

Change #964 with diff file ISSM-20078-20079.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: wrong sign in mantle plume root function

Change #965 with diff file ISSM-20079-20080.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive342.nc

Export determination: 6.

Rationale: BUG: updated archive for improved mantle plume class

Change #966 with diff file ISSM-20080-20081.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: inconsistency in load/save path definition

Change #967 with diff file ISSM-20081-20082.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: fixed last problem with plume model

Change #968 with diff file ISSM-20082-20083.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive342.nc M /issm/trunk-jpl/test/NightlyRun/test342.m

Export determination: 6.

Rationale: BUG: updated archive for plume test

Change #969 with diff file ISSM-20083-20084.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: do not call quiver if nothing is being plotted, otherwise the axis will be messed up

Change #970 with diff file ISSM-20084-20085.diff:

Function name:

M /issm/trunk-jpl/externalpackages/gdal/install-1.10-linux64.sh

Export determination: 6.

Rationale: CHG: added exports to CFLAGS and CXXFLAGS to fix compilation issue.

Change #971 with diff file ISSM-20085-20086.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross_se

Export determination: 6.

Rationale: CHG: Removed NETCDF externalpackage from SE Linux build.

Change #972 with diff file ISSM-20086-20087.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross_se

Export determination: 6.

Rationale: CHG: added gmsh

Change #973 with diff file ISSM-20087-20088.diff:
Function name:
M /issm/trunk-jpl/externalpackages/gmsh/install.sh
Export determination: 6.
Rationale: CHG: Change protocol from HTTPS to HTTP.

Change #974 with diff file ISSM-20088-20089.diff:
Function name:
M /issm/trunk-jpl/externalpackages/gmsh/install.sh
Export determination: 6.
Rationale: CHG: Restoring HTTPS protocol and removing user stuff.

Change #975 with diff file ISSM-20089-20090.diff:
Function name:
M /issm/trunk-jpl/externalpackages/gmsh/install.sh
Export determination: 6.
Rationale: CHG: Restored password and username for gmsh package.

Change #976 with diff file ISSM-20090-20091.diff:
Function name:
M /issm/trunk-jpl/jenkins/linux64_ross_se
Export determination: 6.
Rationale: CHG: different order.

Change #977 with diff file ISSM-20091-20092.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/stressbalance.m
Export determination: 6.
Rationale: CHG: don't want to marshal loading force if it's empty.

Change #978 with diff file ISSM-20092-20093.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Elements/LliboutryDuval.cpp M /issm/trunk-jpl/test/Archives/Archive436.nc

Export determination: 6.

Rationale: BUG: LliboutryDuval rheology computed homologous temperature wrong. Allows now for small pressure instabilities occuring at surface.

Change #979 with diff file ISSM-20093-20094.diff:

Function name:

M /issm/trunk-jpl/src/c/cores/steadystate_core.cpp M /issm/trunk-jpl/test/Archives/Archive318.nc
M /issm/trunk-jpl/test/Archives/Archive410.nc M /issm/trunk-jpl/test/Archives/Archive411.nc
M /issm/trunk-jpl/test/Archives/Archive415.nc M /issm/trunk-jpl/test/Archives/Archive416.nc
M /issm/trunk-jpl/test/Archives/Archive431.nc M /issm/trunk-jpl/test/Archives/Archive432.nc
M /issm/trunk-jpl/test/Archives/Archive436.nc M /issm/trunk-jpl/test/Archives/Archive508.nc
M /issm/trunk-jpl/test/Archives/Archive509.nc M /issm/trunk-jpl/test/Archives/Archive510.nc
M /issm/trunk-jpl/test/Archives/Archive513.nc

Export determination: 6.

Rationale: CHG: compute in steadystate_core 1.velocity 2.temperature, since temperature is highly sensitive to velocity. This bugfix also makes steadystate basal BCs for enthalpy work.

Change #980 with diff file ISSM-20094-20095.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test410.m

Export determination: 6.

Rationale: CHG: relaxing tolerances

Change #981 with diff file ISSM-20095-20096.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt
M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/enum/EnumDefinitions
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/TransientIsCouplerEnum
A /issm/trunk-jpl/src/m/enum/TransientIsslrEnum.m

Export determination: 6.

Rationale: CHG: new coupler enum.

Change #982 with diff file ISSM-20096-20097.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test410.py

Export determination: 6.

Rationale: CHG: syncing python test

Change #983 with diff file ISSM-20097-20098.diff:

Function name:

M /issm/trunk-jpl/scripts/BinRead.py

Export determination: 6.

Rationale: CHG: Fixing incorrect file read, adding -o output file flag.

Change #984 with diff file ISSM-20098-20099.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/EnthalpyAnalysis.cpp

Export determination: 6.

Rationale: CHG: Enthalpy, dynamic basal boundary conditions (steady state):
allow no refreeze, since this prevents SS solver from converging

Change #985 with diff file ISSM-20099-20100.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive325.nc

Export determination: 6.

Rationale: CHG: updating archive

Change #986 with diff file ISSM-20100-20101.diff:

Function name:

A /issm/trunk-jpl/jenkins/macosx_pine-island

Export determination: 6.

Rationale: ADD: new MacOSX configuration for Jenkins.

Change #987 with diff file ISSM-20101-20102.diff:

Function name:

M /issm/trunk-jpl/jenkins/macosx_pine-island
Export determination: 6.
Rationale: CHG: Correcting the MacOSX build Matlab path. Also dialing back CPUs to use during build.

Change #988 with diff file ISSM-20102-20103.diff:
Function name:
M /issm/trunk-jpl/jenkins/macosx_pine-island
Export determination: 6.
Rationale: CHG: updated SVN directory so as to use version 1.9 versus 1.7.

Change #989 with diff file ISSM-20103-20104.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: Temporarily removed rm line.

Change #990 with diff file ISSM-20104-20105.diff:
Function name:
M /issm/trunk-jpl/jenkins/macosx_pine-island M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: Increased number of CPUs for MacOSX Jenkins build. CHG: restored removal of confest.tmp

Change #991 with diff file ISSM-20105-20106.diff:
Function name:
M /issm/trunk-jpl/jenkins/macosx_pine-island
Export determination: 6.
Rationale: CHG: added an excluded test243.

Change #992 with diff file ISSM-20106-20107.diff:
Function name:
M /issm/trunk-jpl/jenkins/macosx_pine-island

Export determination: 6.
Rationale: FIX: typo test number 234 instead of 243.

Change #993 with diff file ISSM-20107-20108.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test455.m M /issm/trunk-jpl/test/NightlyRun/test455.py
Export determination: 6.
Rationale: CHG: relaxing tolerances

Change #994 with diff file ISSM-20108-20109.diff:
Function name:
D /issm/trunk-jpl/src/m/materials/DepthAvgTempCond.m D /issm/trunk-jpl/src/m/materials/DepthAvgTempCond.m
Export determination: 6.
Rationale: CHG: moved to user directory.

Change #995 with diff file ISSM-20109-20110.diff:
Function name:
M /issm/trunk-jpl/src/m/mesh/augment2dmesh.m
Export determination: 6.
Rationale: CHG: fixed issue with inner segments not being picked up within a certain tolerance.

Change #996 with diff file ISSM-20110-20111.diff:
Function name:
A /issm/trunk-jpl/src/m/classes/sealevelmodel.m
Export determination: 6.
Rationale: CHG: new class that handles a global representation of sea level.

Change #997 with diff file ISSM-20111-20112.diff:
Function name:
M /issm/trunk-jpl/src/m/mesh/patchglobe.m
Export determination: 6.
Rationale: CHG: new improved patchglobe that relies on gdaltransform instead

of ll2xy. Also fixed large issue with connectivity not being correctly handled when augmenting the mesh with patches.

Change #998 with diff file ISSM-20112-20113.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: remove git call like other install scripts

Change #999 with diff file ISSM-20113-20114.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/DistanceToMaskBoundaryx/DistanceToMaskBoundaryxt.cpp

Export determination: 6.

Rationale: CHG: compilations needs doubles not ints for snowleopard

Change #1000 with diff file ISSM-20114-20115.diff:

Function name:

A /issm/trunk-jpl/externalpackages/boost/install-1.49-macosx-snowleopard.sh

(from /issm/trunk-jpl/externalpackages/boost/install-macosx-snowleopard.sh:20099)

A /issm/trunk-jpl/externalpackages/boost/install-1.55-macosx-snowleopard.sh

D /issm/trunk-jpl/externalpackages/boost/install-macosx-snowleopard.sh

Export determination: 6.

Rationale: CHG: update mac install scripts

Change #1001 with diff file ISSM-20115-20116.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/DistanceToMaskBoundaryx/DistanceToMaskBoundaryxt.cpp

Export determination: 6.

Rationale: CHG: pow is much more efficient if second argument is an integer

Change #1002 with diff file ISSM-20116-20117.diff:

Function name:

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

Export determination: 6.
Rationale: CHG: need SMB components to be inputs

Change #1003 with diff file ISSM-20117-20118.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/analyses/ExtrapolationAnalysis.cpp
M /issm/trunk-jpl/src/c/analyses/ExtrapolationAnalysis.h M /issm/trunk-jpl/src/c/classes/Node.cpp
M /issm/trunk-jpl/src/c/cores/cores.h A /issm/trunk-jpl/src/c/cores/levelset_core.cpp
M /issm/trunk-jpl/src/c/cores/transient_core.cpp M /issm/trunk-jpl/test/Archives/Archive802.nc
M /issm/trunk-jpl/test/Archives/Archive803.nc M /issm/trunk-jpl/test/Archives/Archive805.nc

Export determination: 6.

Rationale: CHG: Enabling extrapolation for level-set-method in 3d; Cleanup of
transient_core

Change #1004 with diff file ISSM-20118-20119.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test802.m M /issm/trunk-jpl/test/NightlyRun/test802.py
M /issm/trunk-jpl/test/NightlyRun/test803.m M /issm/trunk-jpl/test/NightlyRun/test803.py
M /issm/trunk-jpl/test/NightlyRun/test805.m M /issm/trunk-jpl/test/NightlyRun/test805.py

Export determination: 6.

Rationale: CHG: Relaxed tests 802,803,805.

Change #1005 with diff file ISSM-20119-20120.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test802.m M /issm/trunk-jpl/test/NightlyRun/test802.py
M /issm/trunk-jpl/test/NightlyRun/test803.m M /issm/trunk-jpl/test/NightlyRun/test803.py

Export determination: 6.

Rationale: CHG: Relaxed tests 802,803.

Change #1006 with diff file ISSM-20120-20121.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/classes/clusters/pfe.m M /issm/trunk-jpl/src/m/classes/clusters/pfe.py
M /issm/trunk-jpl/src/m/solve/solve.m M /issm/trunk-jpl/src/m/solve/solve.py

Export determination: 6.

Rationale: CHG: added batch flag for the LaunchQueueJob and reordered the sequence in solve because in generic clusters, in batch mode, we were not uploading anything!

Change #1007 with diff file ISSM-20121-20122.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt
M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp A /issm/trunk-jpl/src/m/enum/EarthIdEnum.m
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.js M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py
A /issm/trunk-jpl/src/m/enum/FemModelCommEnum.m A /issm/trunk-jpl/src/m/enum/IcecapToEarthCom
A /issm/trunk-jpl/src/m/enum/ModelIdEnum.m A /issm/trunk-jpl/src/m/enum/NumModelsEnum.m
A /issm/trunk-jpl/src/m/enum/SealevelriseTransitionsEnum.m A /issm/trunk-
jpl/src/m/enum/WorldCommEnum.m

Export determination: 6.

Rationale: CHG: new enums for coupler between sea level rise core and other cores.

Change #1008 with diff file ISSM-20122-20123.diff:

Function name:

M /issm/trunk-jpl/src/m/geometry/locationtonode.m

Export determination: 6.

Rationale: CHG: improve by returning within a radius, and a certain tolerance.

Change #1009 with diff file ISSM-20123-20124.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/MasstransportAnalysis.cpp

Export determination: 6.

Rationale: CHG: InputUdateFromSolution now computes delta thickness and inputs it as SealevelriseDeltathickness. This is used to force the sea level rise core if it is run.

Change #1010 with diff file ISSM-20124-20125.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/L2ProjectionBaseAnalysis.cpp

Export determination: 6.

Rationale: CHG: fixed bug corresponding to the addition of a new 2d mesh, the mesh3dsurface

Change #1011 with diff file ISSM-20125-20126.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: new isslr and iscoupler.

Change #1012 with diff file ISSM-20126-20127.diff:

Function name:

A /issm/trunk-jpl/src/m/mesh/meshintersect.m

Export determination: 6.

Rationale: CHG: figure out within a certain tolerance how vertices from one mesh are included into another mesh's vertices.

Change #1013 with diff file ISSM-20127-20128.diff:

Function name:

A /issm/trunk-jpl/src/m/solve/solveslm.m

Export determination: 6.

Rationale: CHG: new solveslm routine to solve a sea level model (which includes earth and icecaps).

Change #1014 with diff file ISSM-20128-20129.diff:

Function name:

M /issm/trunk-jpl/src/m/coordsystems/gdaltransform.m

Export determination: 6.

Rationale: CHG: more robust treatment of gdal transform.

Change #1015 with diff file ISSM-20129-20130.diff:

Function name:

M /issm/trunk-jpl/src/m/coordsystems/gmtmaskparallel.m

Export determination: 6.

Rationale: CHG: forgot to erase the script.

Change #1016 with diff file ISSM-20130-20131.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: do not warn when saving an slm model!

Change #1017 with diff file ISSM-20131-20132.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: no patch globe in the constructor (should be done downstream). Also added consistency checks.

Change #1018 with diff file ISSM-20132-20133.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added getfieldvalues (specifically for the slm constructor).

Change #1019 with diff file ISSM-20133-20134.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added SealevelriseDeltathickness and SealevelriseS as acceptable inputs.

Change #1020 with diff file ISSM-20134-20135.diff:

Function name:

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

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

Export determination: 6.

Rationale: CHG: fixed issue with mesh3dsurface in the Node.cpp class. Also simplified FemModel to not include the communicators in the structure, but rather in the parameters dataset.

Change #1021 with diff file ISSM-20135-20136.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am A /issm/trunk-jpl/src/c/main/issm_slr.cpp

Export determination: 6.

Rationale: CHG: new issm_slr executable.

Change #1022 with diff file ISSM-20136-20137.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/SealevelriseAnalysis.cpp M /issm/trunk-jpl/src/c/cores/cores.h

M /issm/trunk-jpl/src/c/cores/sealevelrise_core.cpp M /issm/trunk-jpl/src/c/cores/transient_core.cpp

Export determination: 6.

Rationale: CHG: new synchronization between mass transport from ice caps and sea level rise from earth models.

Change #1023 with diff file ISSM-20137-20138.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/SMBforcing.m M /issm/trunk-jpl/src/m/classes/friction.m

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

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

Export determination: 6.

Rationale: CHG: improvements in the way checkconsistency is carried out when dealing only with SealevelriseSolution.

Change #1024 with diff file ISSM-20138-20139.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/SealevelriseAnalysis.cpp

Export determination: 6.

Rationale: CHG: fixed issue with freeing of ressources.

Change #1025 with diff file ISSM-20139-20140.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/transient.py
Export determination: 6.
Rationale: CHG: iscoupler field missing from the transient python class.

Change #1026 with diff file ISSM-20140-20141.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test105.m M /issm/trunk-jpl/test/NightlyRun/test109.m
M /issm/trunk-jpl/test/NightlyRun/test334.m
Export determination: 6.
Rationale: CHG: stop verbosing like crazy

Change #1027 with diff file ISSM-20141-20142.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/IdFromString.m
Export determination: 6.
Rationale: Added Archive Forms ocreview.sh TEMP Template option to Id-From String

Change #1028 with diff file ISSM-20142-20143.diff:
Function name:
M /issm/trunk-jpl/src/m/dev/devpath.py
Export determination: 6.
Rationale: CHG: do not error out if no settings are found, just warn: :

Change #1029 with diff file ISSM-20143-20144.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/clusters/generic.py
Export determination: 6.
Rationale: CHG: do not use batch mode if batch=0

Change #1030 with diff file ISSM-20144-20145.diff:

Function name:

M /issm/trunk-jpl/src/m/interp/averaging.py M /issm/trunk-jpl/src/m/plot/plot_contour.py

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

Export determination: 6.

Rationale: do not error out if import fails, print warning only

Change #1031 with diff file ISSM-20145-20146.diff:

Function name:

D /issm/trunk-jpl/externalpackages/mpich/install-3.0-macosx64-elcapitan.sh A

/issm/trunk-jpl/externalpackages/mpich/install-3.0-macosx64-gforker.sh (from

/issm/trunk-jpl/externalpackages/mpich/install-3.0-macosx64-elcapitan.sh:20144)

Export determination: 6.

Rationale: CHG: renamed gforker file

Change #1032 with diff file ISSM-20146-20147.diff:

Function name:

A /issm/trunk-jpl/externalpackages/gmt/configs/ConfigUser.cmake-jenkins A

/issm/trunk-jpl/externalpackages/gmt/install-jenkins.sh M /issm/trunk-jpl/jenkins/linux64_ross_se

Export determination: 6.

Rationale: ADD: New CMake configure script for Jenkins build CHG: I think

I fixed an order issue with externalpackages ADD: New install script for GMT
for Jenkins.

Change #1033 with diff file ISSM-20147-20148.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross_se

Export determination: 6.

Rationale: CHG: added boost externalpackage to list. for linux jenkins SE.

Change #1034 with diff file ISSM-20148-20149.diff:

Function name:

M /issm/trunk-jpl/src/c/cores/sealevelrise_core.cpp

Export determination: 6.

Rationale: CHG: handle case where we are not running in transient mode!

Change #1035 with diff file ISSM-20149-20150.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/mpi/issmmpi.cpp M /issm/trunk-jpl/src/c/toolkits/mpi/issmmpi.h

Export determination: 6.

Rationale: CHG: implemented new comm splitting wrapper

Change #1036 with diff file ISSM-20150-20151.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/mpi/issmmpi.cpp

Export determination: 6.

Rationale: CHG: fixed redefinition of ISSM_MPL_Send.

Change #1037 with diff file ISSM-20151-20152.diff:

Function name:

M /issm/trunk-jpl/src/c/toolkits/mpi/issmmpi.cpp

Export determination: 6.

Rationale: CHG: fixed typos.

Change #1038 with diff file ISSM-20152-20153.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: implemented maskvalue option.

Change #1039 with diff file ISSM-20153-20154.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/SealevelriseAnalysis.cpp M /issm/trunk-jpl/src/c/cores/sealevelrise_core.cpp

Export determination: 6.

Rationale: CHG: return absolute sea level rise instead of just deltaS.

Change #1040 with diff file ISSM-20154-20155.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/SealevelriseAnalysis.cpp M /issm/trunk-jpl/src/c/classes/Elements/Element

M /issm/trunk-jpl/src/c/cores/sealevelrise_core.cpp M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.
M /issm/trunk-jpl/src/c/shared/Enum/EnumToStringx.cpp M /issm/trunk-jpl/src/c/shared/Enum/StringTo
M /issm/trunk-jpl/src/m/classes/slr.m M /issm/trunk-jpl/src/m/enum/EnumDefinitions.js
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/SealevelEnum.m
D /issm/trunk-jpl/src/m/enum/SealevelriseSEnum.m
Export determination: 6.
Rationale: CHG: renamed SealevelriseS to Sealevel.

Change #1041 with diff file ISSM-20155-20156.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/Balancethickness2Analysis.cpp M /issm/trunk-
jpl/src/c/analyses/BalancethicknessAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/BalancevelocityAnalysis.c
M /issm/trunk-jpl/src/c/analyses/EnthalpyAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/FreeSurfaceBaseA
M /issm/trunk-jpl/src/c/analyses/FreeSurfaceTopAnalysis.cpp M /issm/trunk-
jpl/src/c/analyses/HydrologyShreveAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/L2ProjectionBaseAnalysis
M /issm/trunk-jpl/src/c/analyses/MasstransportAnalysis.cpp M /issm/trunk-
jpl/src/c/analyses/MeltingAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/SealevelriseAnalysis.cpp
M /issm/trunk-jpl/src/c/analyses/StressbalanceAnalysis.cpp M /issm/trunk-
jpl/src/c/analyses/StressbalanceVerticalAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/ThermalAnalysis.cpp
M /issm/trunk-jpl/test/NightlyRun/test2002.m
Export determination: 6.
Rationale: CHG: introducing sealevel in all the analyses.

Change #1042 with diff file ISSM-20156-20157.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/MasstransportAnalysis.cpp M /issm/trunk-
jpl/src/c/analyses/StressbalanceAnalysis.cpp M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp
M /issm/trunk-jpl/src/c/classes/Loads/Friction.cpp
Export determination: 6.
Rationale: CHG: introduced sealevel in the friction (Neff), the neumann bound-
ary conditions (StressbalanceAnalysis), the grouding line dynamics (Migrate-
GroundingLine of Element.cpp) and in the update of free surfaces (Masstrans-
portAnalysis).

Change #1043 with diff file ISSM-20157-20158.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test2002.m
Export determination: 6.

Rationale: CHG: wrong love numbers!

Change #1044 with diff file ISSM-20158-20159.diff:

Function name:

A /issm/trunk-jpl/src/m/classes/slr.py A /issm/trunk-jpl/test/NightlyRun/test2002.py

Export determination: 6.

Rationale: ADD: slr python and test (needs verification and testing).

Change #1045 with diff file ISSM-20159-20160.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: make sealevel a forcing.

Change #1046 with diff file ISSM-20160-20161.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: new slr python class, mirroring the slr.m class.

Change #1047 with diff file ISSM-20161-20162.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test2002.py

Export determination: 6.

Rationale: CHG: introducing sea level.

Change #1048 with diff file ISSM-20162-20163.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test2002.py

Export determination: 6.

Rationale: CHG: new love numbers.

Change #1049 with diff file ISSM-20163-20164.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test2002.py
Export determination: 6.
Rationale: CHG: Resolving python syntax errors for test2002

Change #1050 with diff file ISSM-20164-20165.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test124.m
Export determination: 6.
Rationale: CHG: Relaxed test124.

Change #1051 with diff file ISSM-20165-20166.diff:
Function name:
M /issm/trunk-jpl/jenkins/macosex_pine-island
Export determination: 6.
Rationale: CHG: Macosex will now run the same tests as Linux.

Change #1052 with diff file ISSM-20166-20167.diff:
Function name:
M /issm/trunk-jpl/jenkins/macosex_pine-island
Export determination: 6.
Rationale: CHG: Added new cconfig options as well as externalpackages.

Change #1053 with diff file ISSM-20167-20168.diff:
Function name:
A /issm/trunk-jpl/src/m/boundaryconditions/love_numbers.m
Export determination: 6.
Rationale: NEW: love_numbers from srosat.com/iag-jsg/loveNb.php

Change #1054 with diff file ISSM-20168-20169.diff:
Function name:
M /issm/trunk-jpl/jenkins/macosex_pine-island

Export determination: 6.
Rationale: CHG: Changed the Dakota install script.

Change #1055 with diff file ISSM-20169-20170.diff:
Function name:
M /issm/trunk-jpl/jenkins/macosx.pine-island
Export determination: 6.
Rationale: CHG: Temporarily removed Dakota and co from MacOSX build.

Change #1056 with diff file ISSM-20170-20171.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test2002.m
Export determination: 6.
Rationale: CHG: new love numbers routine (more reliable).

Change #1057 with diff file ISSM-20171-20172.diff:
Function name:
M /issm/trunk-jpl/test/Archives/Archive2002.nc
Export determination: 6.
Rationale: CHG: Updated archive for test 2002.

Change #1058 with diff file ISSM-20172-20173.diff:
Function name:
A /issm/trunk-jpl/src/m/boundaryconditions/love_numbers.py A /issm/trunk-jpl/src/m/mesh/planet/gmsh/gmshplanet.py
Export determination: 6.
Rationale: ADD: python versions of gmshplanet and love_numbers

Change #1059 with diff file ISSM-20173-20174.diff:
Function name:
M /issm/trunk-jpl/src/m/mesh/planet/gmsh/gmshplanet.py
Export determination: 6.
Rationale: CHG: Ammending python file handling

Change #1060 with diff file ISSM-20174-20175.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: function to compute level-set function from exp-file; for use with level-set method

Change #1061 with diff file ISSM-20175-20176.diff:

Function name:

M /issm/trunk-jpl/jenkins/macosx.pine-island

Export determination: 6.

Rationale: CHG: Adding Chaco dep and external to Jenkins MacOSX build.

Change #1062 with diff file ISSM-20176-20177.diff:

Function name:

D /issm/trunk-jpl/src/m/contrib/bamg A /issm/trunk-jpl/src/m/contrib/buzzi

A /issm/trunk-jpl/src/m/contrib/buzzi/gravity (from /issm/trunk-jpl/src/m/contrib/gravity:20175)

D /issm/trunk-jpl/src/m/contrib/dassflow A /issm/trunk-jpl/src/m/contrib/defleurian

A /issm/trunk-jpl/src/m/contrib/defleurian/netCDF (from /issm/trunk-jpl/src/m/contrib/netCDF:20175)

A /issm/trunk-jpl/src/m/contrib/defleurian/paraview (from /issm/trunk-jpl/src/m/contrib/paraview:20175)

D /issm/trunk-jpl/src/m/contrib/ecco D /issm/trunk-jpl/src/m/contrib/gravity

D /issm/trunk-jpl/src/m/contrib/gslib D /issm/trunk-jpl/src/m/contrib/hack

D /issm/trunk-jpl/src/m/contrib/hydrology A /issm/trunk-jpl/src/m/contrib/larour

A /issm/trunk-jpl/src/m/contrib/larour/ecco (from /issm/trunk-jpl/src/m/contrib/ecco:20175)

A /issm/trunk-jpl/src/m/contrib/larour/morphological (from /issm/trunk-jpl/src/m/contrib/morphological:20175)

A /issm/trunk-jpl/src/m/contrib/larour/resultstomatrix.m (from /issm/trunk-jpl/src/m/contrib/hack/resultstomatrix.m:20175) A /issm/trunk-jpl/src/m/contrib/larour/tres.m

(from /issm/trunk-jpl/src/m/contrib/hack/tres.m:20175) D /issm/trunk-jpl/src/m/contrib/massbalance

A /issm/trunk-jpl/src/m/contrib/morlighem A /issm/trunk-jpl/src/m/contrib/morlighem/bamg

(from /issm/trunk-jpl/src/m/contrib/bamg:20175) A /issm/trunk-jpl/src/m/contrib/morlighem/dassflow

(from /issm/trunk-jpl/src/m/contrib/dassflow:20175) A /issm/trunk-jpl/src/m/contrib/morlighem/gslib

(from /issm/trunk-jpl/src/m/contrib/gslib:20175) M /issm/trunk-jpl/src/m/contrib/morlighem/gslib/pkriging

A /issm/trunk-jpl/src/m/contrib/morlighem/massbalance (from /issm/trunk-jpl/src/m/contrib/massbalance:20175) A /issm/trunk-jpl/src/m/contrib/morlighem/sia.m

(from /issm/trunk-jpl/src/m/contrib/hack/sia.m:20175) A /issm/trunk-jpl/src/m/contrib/morlighem/thicknes

(from /issm/trunk-jpl/src/m/contrib/hack/thicknesssevolution.m:20175) D /issm/trunk-

jpl/src/m/contrib/morphological D /issm/trunk-jpl/src/m/contrib/netCDF D

/issm/trunk-jpl/src/m/contrib/oasis D /issm/trunk-jpl/src/m/contrib/paraview
A /issm/trunk-jpl/src/m/contrib/seroussi A /issm/trunk-jpl/src/m/contrib/seroussi/oasis
(from /issm/trunk-jpl/src/m/contrib/oasis:20175) D /issm/trunk-jpl/src/m/contrib/uci
Export determination: 6.
Rationale: CHG: moving stuff around

Change #1063 with diff file ISSM-20177-20178.diff:

Function name:

M /issm/trunk-jpl/src/m/mesh/planet/gmsh/gmshplanet.py

Export determination: 6.

Rationale: CHG: Fixing gmsh file writing (need to rewrite fscanf python equivalents)

Change #1064 with diff file ISSM-20178-20179.diff:

Function name:

A /issm/trunk-jpl/src/m/exp/exp2levelsetfunction.m D /issm/trunk-jpl/src/m/exp/exp_to_levelsetfunction.m

Export determination: 6.

Rationale: CHG: change name and header of exp2levelsetfunction.

Change #1065 with diff file ISSM-20179-20180.diff:

Function name:

M /issm/trunk-jpl/src/m/exp/exp2levelsetfunction.m

Export determination: 6.

Rationale: BUG: cover case of 0 segment length

Change #1066 with diff file ISSM-20180-20181.diff:

Function name:

D /issm/trunk-jpl/src/m/exp/exp_to_levelset.m

Export determination: 6.

Rationale: DEL: redundant code

Change #1067 with diff file ISSM-20181-20182.diff:

Function name:

M /issm/trunk-jpl/src/m/Makefile.am M /issm/trunk-jpl/src/m/boundaryconditions/love_numbers.m
M /issm/trunk-jpl/src/m/classes/maskpsl.m M /issm/trunk-jpl/src/m/classes/mesh3dsurface.m
M /issm/trunk-jpl/src/m/classes/model.js A /issm/trunk-jpl/src/m/classes/slr.js
M /issm/trunk-jpl/src/m/classes/slr.m
Export determination: 6.
Rationale: CHG: new love_numbers routine. new slr.js and model.js hook up as
well as savemodelasjs routine in slr.m.

Change #1068 with diff file ISSM-20182-20183.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/runme.m M /issm/trunk-jpl/test/NightlyRun/runme.py
A /issm/trunk-jpl/test/NightlyRun/test2424.m

Export determination: 6.

Rationale: CHG: new slr test based on 424 Aggressive grounding line dynamics
module, where sea level keeps rising.

Change #1069 with diff file ISSM-20183-20184.diff:

Function name:

A /issm/trunk-jpl/test/Archives/Archive2424.nc

Export determination: 6.

Rationale: CHG: archive for 2424 test.

Change #1070 with diff file ISSM-20184-20185.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: minor updates to class and add development queue

Change #1071 with diff file ISSM-20185-20186.diff:

Function name:

A /issm/trunk-jpl/test/Archives/Archive2425.nc A /issm/trunk-jpl/test/NightlyRun/test2425.m

Export determination: 6.

Rationale: CHG: new test2425 test where we compare grounding line dynamics
for a transient sheet-shelf system, once with sea level at 0, once with sea-level
at +1000 m and all other base, bed and surface offset also by +1000m. Results

should be equal.

Change #1072 with diff file ISSM-20186-20187.diff:

Function name:

A /issm/trunk-jpl/src/m/mech/newforcing.m

Export determination: 6.

Rationale: CHG: new forcing (routine to add a forcing that is transiently varying from a min to a max between initial and final time of a transient.

Change #1073 with diff file ISSM-20187-20188.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Removing references to conbrib dir from Makefile.am

Change #1074 with diff file ISSM-20188-20189.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test2424.m

Export determination: 6.

Rationale: CHG: changing tolerance for 2424.

Change #1075 with diff file ISSM-20189-20190.diff:

Function name:

A /issm/trunk-jpl/src/m/psl/p_polynomial_prime.m

Export determination: 6.

Rationale: new: first derivative of legendre polynomials, required for computing horizontal displacement

Change #1076 with diff file ISSM-20190-20191.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive2002.nc

Export determination: 6.

Rationale: CHG: Updating archive for test2002

Change #1077 with diff file ISSM-20191-20192.diff:

Function name:

M /issm/trunk-jpl/src/m/Makefile.am A /issm/trunk-jpl/src/m/classes/mesh3dsurface.js

Export determination: 6.

Rationale: CHG: adding mesh3dsurface javascript object.

Change #1078 with diff file ISSM-20192-20193.diff:

Function name:

A /issm/trunk-jpl/externalpackages/chaco/install-macosx.sh A /issm/trunk-jpl/externalpackages/chaco/patches

A /issm/trunk-jpl/externalpackages/chaco/patches/Makefile.patch

Export determination: 6.

Rationale: ADD: New Chaco install script for MacOSX with appropriate patches to fix malloc.h issue.

Change #1079 with diff file ISSM-20193-20194.diff:

Function name:

D /issm/trunk-jpl/externalpackages/chaco/install-macosx.sh A /issm/trunk-jpl/externalpackages/chaco/install-macosx64.sh (from /issm/trunk-jpl/externalpackages/chaco/install-macosx.sh:20192)

M /issm/trunk-jpl/jenkins/macosx_pine-island

Export determination: 6.

Rationale: CHG: Changed install script for chaco for MacOSx Jenkins and changed the name of the script to match other MacOSx64 scripts.

Change #1080 with diff file ISSM-20194-20195.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/processmesh.js M /issm/trunk-jpl/src/m/plot/processmesh.m

Export determination: 6.

Rationale: CHG: not sure what these lines were for.

Change #1081 with diff file ISSM-20195-20196.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/processmesh.js

Export determination: 6.
Rationale: CHG (JS): forgot console.log statements.

Change #1082 with diff file ISSM-20196-20197.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/mesh3dsurface.m
Export determination: 6.
Rationale: CHG (JS): need to describe the mesh as 3d surface, otherwise, model.js constructor defines it as mesh2d.

Change #1083 with diff file ISSM-20197-20198.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_overlay.js M /issm/trunk-jpl/src/m/plot/plot_unit.js
Export determination: 6.
Rationale: CHG: Adding support for mesh3dsurface display.

Change #1084 with diff file ISSM-20198-20199.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp
Export determination: 6.
Rationale: CHG: always recompute requested output for some specific cases

Change #1085 with diff file ISSM-20199-20200.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp
Export determination: 6.
Rationale: CHG: fixing compilation

Change #1086 with diff file ISSM-20200-20201.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/processmesh.m
Export determination: 6.
Rationale: CHG: reverting to previous svn version.

Change #1087 with diff file ISSM-20201-20202.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: lonestar has 24 cpus

Change #1088 with diff file ISSM-20202-20203.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive806.nc

Export determination: 6.

Rationale: CHG: updated archive now that inputs get updated through time

Change #1089 with diff file ISSM-20203-20204.diff:

Function name:

M /issm/trunk-jpl/src/c/cores/sealevelrise_core.cpp

Export determination: 6.

Rationale: BUG: should call ISSM MPI_Recv

Change #1090 with diff file ISSM-20204-20205.diff:

Function name:

M /issm/trunk-jpl/src/c/main/issm_slr.cpp M /issm/trunk-jpl/src/c/toolkits/mpi/issmmpi.cpp

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

Export determination: 6.

Rationale: NEW: created ISSM_MPI_Intercomm_create

Change #1091 with diff file ISSM-20205-20206.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_manager.js M /issm/trunk-jpl/src/m/plot/plot_mesh.js

M /issm/trunk-jpl/src/m/plot/plot_overlay.js M /issm/trunk-jpl/src/m/plot/plot_unit.js

M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG (javascript): Bug fixes for plot_mesh, fixing default plot cen-

tering, globe support for mesh3d plot surfaces.

Change #1092 with diff file ISSM-20206-20207.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixing issue with javascript save model routine.

Change #1093 with diff file ISSM-20207-20208.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_overlay.js M /issm/trunk-jpl/src/m/plot/plot_unit.js

Export determination: 6.

Rationale: CHG (javascript): Changing default alpha values.

Change #1094 with diff file ISSM-20208-20209.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_mesh.js M /issm/trunk-jpl/src/m/plot/plot_overlay.js

M /issm/trunk-jpl/src/m/plot/plot_unit.js

Export determination: 6.

Rationale: CHG (javascript): Correcting translation transforms and removing debug statement.

Change #1095 with diff file ISSM-20209-20210.diff:

Function name:

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

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

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

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

M /issm/trunk-jpl/src/c/classes/FemModel.h M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h

M /issm/trunk-jpl/src/c/shared/Enum/EnumToStringx.cpp M /issm/trunk-jpl/src/c/shared/Enum/StringToEnum.cpp

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

A /issm/trunk-jpl/src/m/enum/TotalFloatingBmbEnum.m A /issm/trunk-jpl/src/m/enum/TotalGroundedBmbEnum.m

M /issm/trunk-jpl/test/Archives/Archive208.nc M /issm/trunk-jpl/test/Archives/Archive317.nc

M /issm/trunk-jpl/test/Archives/Archive408.nc M /issm/trunk-jpl/test/NightlyRun/test208.m

M /issm/trunk-jpl/test/NightlyRun/test208.py M /issm/trunk-jpl/test/NightlyRun/test317.m

M /issm/trunk-jpl/test/NightlyRun/test317.py M /issm/trunk-jpl/test/NightlyRun/test408.m
M /issm/trunk-jpl/test/NightlyRun/test408.py
Export determination: 6.
Rationale: NEW: starting to implement TotalFloatingBmb and TotalGround-
edBmb outputs

Change #1096 with diff file ISSM-20210-20211.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/organizer.m
Export determination: 6.
Rationale: CHG: simplifying, adding some capabilities (provide a basin name
for each step, so you can duplicate steps if they deal with separate basins).

Change #1097 with diff file ISSM-20211-20212.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/organizer.m
Export determination: 6.
Rationale: CHG: forgot to switch the name from xorganizer to organizer.

Change #1098 with diff file ISSM-20212-20213.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/m/solve/parseresultsfromdisk.m
M /issm/trunk-jpl/test/Archives/Archive208.nc M /issm/trunk-jpl/test/Archives/Archive317.nc
M /issm/trunk-jpl/test/Archives/Archive408.nc M /issm/trunk-jpl/test/NightlyRun/test208.m
Export determination: 6.
Rationale: NEW: compute exact total melting

Change #1099 with diff file ISSM-20213-20214.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/EnthalpyAnalysis.cpp
Export determination: 6.
Rationale: BUG: update basal BC on all of the base, because otherwise this
might lead to inconsistencies if node is shared by 2 CPUs and the grounding line
moves across it

Change #1100 with diff file ISSM-20214-20215.diff:

Function name:

M /issm/trunk-jpl/src/m/mech/mechanicalproperties.m

Export determination: 6.

Rationale: CHG: damage can be passed as an argument to compute damage-dependent mechanical properties

Change #1101 with diff file ISSM-20215-20216.diff:

Function name:

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

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

M /issm/trunk-jpl/test/Archives/Archive408.nc M /issm/trunk-jpl/test/NightlyRun/test208.py

M /issm/trunk-jpl/test/NightlyRun/test317.m M /issm/trunk-jpl/test/NightlyRun/test317.py

M /issm/trunk-jpl/test/NightlyRun/test408.m M /issm/trunk-jpl/test/NightlyRun/test408.py

M /issm/trunk-jpl/test/NightlyRun/test433.m

Export determination: 6.

Rationale: NEW: finished implementing basal melt computation

Change #1102 with diff file ISSM-20216-20217.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test3015.py

Export determination: 6.

Rationale: CHG: reverting python test

Change #1103 with diff file ISSM-20217-20218.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/StressbalanceAnalysis.cpp

Export determination: 6.

Rationale: BUG: SubElementMigration2 was not activated for HO

Change #1104 with diff file ISSM-20218-20219.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test3015.py

Export determination: 6.

Rationale: CHG: changing number of cpus on python side

Change #1105 with diff file ISSM-20219-20220.diff:
Function name:
M /issm/trunk-jpl/scripts/BinRead.py
Export determination: 6.
Rationale: BUG: load ISSM tools after looking for PYTHONSTARTUP

Change #1106 with diff file ISSM-20220-20221.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test317.py M /issm/trunk-jpl/test/NightlyRun/test408.py
Export determination: 6.
Rationale: CHG: updating python tests

Change #1107 with diff file ISSM-20221-20222.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test408.py
Export determination: 6.
Rationale: BUG: trying to fix python

Change #1108 with diff file ISSM-20222-20223.diff:
Function name:
M /issm/trunk-jpl/src/m/solve/parseresultsfromdisk.py
Export determination: 6.
Rationale: BUG: need to change the units of Floating and Grounded Bmb in python

Change #1109 with diff file ISSM-20223-20224.diff:
Function name:
A /issm/trunk-jpl/src/m/classes/mesh3dsurface.py M /issm/trunk-jpl/src/m/mesh/planet/gmsh/gmshplanet.
Export determination: 6.
Rationale: ADD: mesh3dsurface python version. CHG: gmshplanet python fs-canf translations and verification

Change #1110 with diff file ISSM-20224-20225.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test2002.py

Export determination: 6.

Rationale: CHG: Intermediate fixes for syntax and includes, work in progress

Change #1111 with diff file ISSM-20225-20226.diff:

Function name:

A /issm/trunk-jpl/src/m/classes/maskpsl.py M /issm/trunk-jpl/src/m/classes/mesh3dsurface.py

A /issm/trunk-jpl/src/m/coordsystems/gmtmask.py

Export determination: 6.

Rationale: ADD: maskpsl and gmtmask python versions. CHG: mesh3dsurface.py
checkfield corrections

Change #1112 with diff file ISSM-20226-20227.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test2002.py

Export determination: 6.

Rationale: CHG: test2002.py syntax fixes, ready for solve validation

Change #1113 with diff file ISSM-20227-20228.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: add batch to lonestar

Change #1114 with diff file ISSM-20228-20229.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: revert back pfe.m

Change #1115 with diff file ISSM-20229-20230.diff:

Function name:

A /issm/trunk-jpl/externalpackages/boost/install-1.55-macosx-el_capitan.sh A
/issm/trunk-jpl/externalpackages/dakota/install-6.2-macosx-el_capitan.sh

Export determination: 6.

Rationale: ADD: New installation scripts for Boost and Dakota for MacOSX
10.11.

Change #1116 with diff file ISSM-20230-20231.diff:

Function name:

M /issm/trunk-jpl/jenkins/macosx_pine-island

Export determination: 6.

Rationale: CHG: Install scripts changed for Pine_Island to El Capitan Boost
and Dakota packages.

Change #1117 with diff file ISSM-20231-20232.diff:

Function name:

M /issm/trunk-jpl/jenkins/macosx_pine-island

Export determination: 6.

Rationale: CHG: removed CMake from MacOSX build Jenkins.

Change #1118 with diff file ISSM-20232-20233.diff:

Function name:

M /issm/trunk-jpl/externalpackages/dakota/install-6.2-macosx-el_capitan.sh

Export determination: 6.

Rationale: CHG: Removed comment line from download.

Change #1119 with diff file ISSM-20233-20234.diff:

Function name:

M /issm/trunk-jpl/jenkins/macosx_pine-island

Export determination: 6.

Rationale: CHG: changed MPICH script to 3.0 MacOSX Yosemite.

Change #1120 with diff file ISSM-20234-20235.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_mesh.js M /issm/trunk-jpl/src/m/plot/plot_overlay.js

M /issm/trunk-jpl/src/m/plot/plot_unit.js

Export determination: 6.

Rationale: CHG (javascript): Dynamic height scaling for 3d/2d meshes

Change #1121 with diff file ISSM-20235-20236.diff:

Function name:

M /issm/trunk-jpl/src/c/cores/sealevelrise_core.cpp M /issm/trunk-jpl/src/c/main/issm_slr.cpp

Export determination: 6.

Rationale: CHG: add int cast to make intel compiler happy

Change #1122 with diff file ISSM-20236-20237.diff:

Function name:

A /issm/trunk-jpl/jenkins/linux64_ross_gia

Export determination: 6.

Rationale: ADD: Ross GIA test.

Change #1123 with diff file ISSM-20237-20238.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross_gia

Export determination: 6.

Rationale: CHG: added autotools

Change #1124 with diff file ISSM-20238-20239.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross_gia

Export determination: 6.

Rationale: CHG: added gmsh

Change #1125 with diff file ISSM-20239-20240.diff:

Function name:

A /issm/trunk-jpl/jenkins/linux64_ross_iceocean

Export determination: 6.
Rationale: ADD: New Jenkins iceocean config.

Change #1126 with diff file ISSM-20240-20241.diff:
Function name:
M /issm/trunk-jpl/jenkins/macosx_pine-island A /issm/trunk-jpl/jenkins/macosx_pine-island_dakota
Export determination: 6.
Rationale: CHG: Now we have two config scripts. One for Dakota and one for not.

Change #1127 with diff file ISSM-20241-20242.diff:
Function name:
M /issm/trunk-jpl/jenkins/macosx_pine-island
Export determination: 6.
Rationale: CHG: I think the MPICH install script for OSX is causing petsc to seg fault.

Change #1128 with diff file ISSM-20242-20243.diff:
Function name:
M /issm/trunk-jpl/jenkins/macosx_pine-island
Export determination: 6.
Rationale: CHG: excluding dakota tests

Change #1129 with diff file ISSM-20243-20244.diff:
Function name:
M /issm/trunk-jpl/jenkins/macosx_pine-island M /issm/trunk-jpl/test/NightlyRun/test237.m
M /issm/trunk-jpl/test/NightlyRun/test237.py M /issm/trunk-jpl/test/NightlyRun/test350.m
Export determination: 6.
Rationale: CHG: fixing Mac tests on jenkins

Change #1130 with diff file ISSM-20244-20245.diff:
Function name:

M /issm/trunk-jpl/test/NightlyRun/test350.m
Export determination: 6.
Rationale: CHG: changed wrong tolerance'

Change #1131 with diff file ISSM-20245-20246.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test404.m M /issm/trunk-jpl/test/NightlyRun/test404.py
Export determination: 6.
Rationale: CHG: relaxing tolerances on Pressure FS

Change #1132 with diff file ISSM-20246-20247.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/FemModel.cpp
Export determination: 6.
Rationale: CHG: add area fuctions to responses case statement

Change #1133 with diff file ISSM-20247-20248.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test124.m
Export determination: 6.
Rationale: CHG: relaxing tolerances

Change #1134 with diff file ISSM-20248-20249.diff:
Function name:
M /issm/trunk-jpl/etc/environment.sh A /issm/trunk-jpl/externalpackages/cvs
A /issm/trunk-jpl/externalpackages/cvs/install.sh
Export determination: 6.
Rationale: NEW: added cvs

Change #1135 with diff file ISSM-20249-20250.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/MasstransportAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/StressbalanceSIAAnalysis.cpp

Export determination: 6.
Rationale: CHG: clean up some memory

Change #1136 with diff file ISSM-20250-20251.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_overlay.js
Export determination: 6.
Rationale: CHG (javascript): Removing extra console log.

Change #1137 with diff file ISSM-20251-20252.diff:
Function name:
M /issm/trunk-jpl/src/m/Makefile.am
Export determination: 6.
Rationale: CHG: build issm-bin target.

Change #1138 with diff file ISSM-20252-20253.diff:
Function name:
A /issm/trunk-jpl/src/m/geometry/GetAreasSphericalTria.m
Export determination: 6.
Rationale: NEW: function to compute spherical triangles

Change #1139 with diff file ISSM-20253-20254.diff:
Function name:
M /issm/trunk-jpl/src/m/os/issmbbftp.m M /issm/trunk-jpl/src/m/os/issmbbftpout.m
Export determination: 6.
Rationale: CHG: changed hardcoded bbftp pleiades ips.

Change #1140 with diff file ISSM-20254-20255.diff:
Function name:
A /issm/trunk-jpl/src/m/js/writejscellarray.m
Export determination: 6.
Rationale: CHG (JS): new writejscellarray for transitions in slr class.

Change #1141 with diff file ISSM-20255-20256.diff:

Function name:

M /issm/trunk-jpl/src/m/io/fileptr.js

Export determination: 6.

Rationale: CHG: added a check that makes sure the memory increment is sufficient.

Change #1142 with diff file ISSM-20256-20257.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: minor comment in the disp routine.

Change #1143 with diff file ISSM-20257-20258.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/trans.js

Export determination: 6.

Rationale: CHG (JS): update transient class to enable solving in javascript.

Change #1144 with diff file ISSM-20258-20259.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_overlay.js

Export determination: 6.

Rationale: CHG (JS): minor typo.

Change #1145 with diff file ISSM-20259-20260.diff:

Function name:

M /issm/trunk-jpl/src/m/consistency/checkfield.js M /issm/trunk-jpl/src/m/consistency/ismodelselfconsistent

Export determination: 6.

Rationale: CHG (JS): added sea level rise solution option. Better check on Infinity for javascript checkfield.js

Change #1146 with diff file ISSM-20260-20261.diff:

Function name:
M /issm/trunk-jpl/src/m/classes/groundingline.m
Export determination: 6.
Rationale: CHG: check only on places that are on the ice! Not on the ocean.

Change #1147 with diff file ISSM-20261-20262.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/slr.js
Export determination: 6.
Rationale: CHG (JS): fixed huge memory issue when declaring the slr.js fields.

Change #1148 with diff file ISSM-20262-20263.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/slr.m
Export determination: 6.
Rationale: CHG: updated saveasjsfile routine for slr class.

Change #1149 with diff file ISSM-20263-20264.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/masstransport.m
Export determination: 6.
Rationale: CHG: in writeasjsfile, fixed issue with hdyrostatic_adustment being saved as double instead of string!

Change #1150 with diff file ISSM-20264-20265.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/sealevelmodel.m
Export determination: 6.
Rationale: CHG: no patching anymore in the constructor of the sealevelmodel class.

Change #1151 with diff file ISSM-20265-20266.diff:
Function name:

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

Export determination: 6.

Rationale: CHG: issue with slicing vx, vy and vz when they are NaN! Will have to find a viable solution to this long term.

Change #1152 with diff file ISSM-20266-20267.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: new multiple model capability (for sea level model). In addition, fixed the disp routine which was not working for modules.

Change #1153 with diff file ISSM-20267-20268.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: new simplified interface to the generic cluster class, with just one method, UploadAndRun.

Change #1154 with diff file ISSM-20268-20269.diff:

Function name:

M /issm/trunk-jpl/src/m/solve/marshall.js

Export determination: 6.

Rationale: CHG: declare variables! :)

Change #1155 with diff file ISSM-20269-20270.diff:

Function name:

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

Export determination: 6.

Rationale: CHG (JS): improved solve.js that uses the local and generic clusters, and a more generic server interface. Goal is to move towards a cloud server capability.

Change #1156 with diff file ISSM-20270-20271.diff:

Function name:

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

Export determination: 6.

Rationale: CHG (JS): - successful processing of the results when calling a remote cluster that returns the .outbin file as a typed array buffer. - implementing a callback function in the solve.js routine, because the oReq Post routine that retrieves the outbin typed array buffer from the server during the http request is an async call, which can therefore not be controlled serially.

Change #1157 with diff file ISSM-20271-20272.diff:

Function name:

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

Export determination: 6.

Rationale: CHG (javascript): Now sending cloud solver request .bin as binary data.

Change #1158 with diff file ISSM-20272-20273.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/EnthalpyAnalysis.cpp

Export determination: 6.

Rationale: BUG: CreatePVectorSheet uses enthalpy values interpolated at gauss-points, which may lead to inconsistency between applied basal boundary conditions. Keep applying basal heat flux at temperate base, since heated base becomes spc'd anyway.

Change #1159 with diff file ISSM-20273-20274.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive327.nc

Export determination: 6.

Rationale: BUG: update archive for previous commit

Change #1160 with diff file ISSM-20274-20275.diff:

Function name:

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

Export determination: 6.
Rationale: CHG: need to scale positions by max

Change #1161 with diff file ISSM-20275-20276.diff:
Function name:
M /issm/trunk-jpl/src/m/mesh/planet/gmsh/gmshplanet.py
Export determination: 6.
Rationale: CHG: fixed indexing issue in retrieval of mesh.

Change #1162 with diff file ISSM-20276-20277.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/FemModel.cpp
Export determination: 6.
Rationale: CHG (JS): updated special constructor for javascript exexecutable.

Change #1163 with diff file ISSM-20277-20278.diff:
Function name:
M /issm/trunk-jpl/src/m/mesh/planet/gmsh/gmshplanet.py
Export determination: 6.
Rationale: CHG: took out verbose statement left by mistake.

Change #1164 with diff file ISSM-20278-20279.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/mesh3dsurface.py
Export determination: 6.
Rationale: CHG: fixes some issues with marshall routine.

Change #1165 with diff file ISSM-20279-20280.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/maskpsl.py
Export determination: 6.
Rationale: CHG: fixed diverse issues with the new class in python.

Change #1166 with diff file ISSM-20280-20281.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/stressbalance.py
Export determination: 6.
Rationale: CHG: fixed issue with loading force, which can be NaN!

Change #1167 with diff file ISSM-20281-20282.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/slr.m M /issm/trunk-jpl/src/m/classes/slr.py
Export determination: 6.
Rationale: CHG: we were marshalling degacc twice!

Change #1168 with diff file ISSM-20282-20283.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/flowequation.py
Export determination: 6.
Rationale: CHG: issue with vertexequation not being able to = NaN

Change #1169 with diff file ISSM-20283-20284.diff:
Function name:
M /issm/trunk-jpl/src/m/coordsystems/gmtmask.m M /issm/trunk-jpl/src/m/coordsystems/gmtmask.py
Export determination: 6.
Rationale: CHG: gmtmask.py: issue with indexing! (matlab bias) gmtmask.py
and .m: increase precision to 10 digits for lat,long! otherwise, gmtmask is re-
turning biased locations!

Change #1170 with diff file ISSM-20284-20285.diff:
Function name:
M /issm/trunk-jpl/src/m/boundaryconditions/love_numbers.py
Export determination: 6.
Rationale: CHG: fixed love_numbers python routine used in test2002 now.

Change #1171 with diff file ISSM-20285-20286.diff:

Function name:
M /issm/trunk-jpl/src/m/contrib/larour/resultstomatrix.m
Export determination: 6.
Rationale: CHG: time is in years! do not convert back to seconds!

Change #1172 with diff file ISSM-20286-20287.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test2002.py
Export determination: 6.
Rationale: CHG: test2002 now working!

Change #1173 with diff file ISSM-20287-20288.diff:
Function name:
M /issm/trunk-jpl/jenkins/linux64_ross_se
Export determination: 6.
Rationale: CHG: Activating SolidEarth Python for Jenkins.

Change #1174 with diff file ISSM-20288-20289.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/flowequation.py M /issm/trunk-jpl/src/m/classes/stressbalance.py
Export determination: 6.
Rationale: CHG: bending over backwards with Python to check NaN vs Array!

Change #1175 with diff file ISSM-20289-20290.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/clusters/generic.js M /issm/trunk-jpl/src/m/solve/solve.js
Export determination: 6.
Rationale: CHG (javascript): Updates for js upload and run job parameters.

Change #1176 with diff file ISSM-20290-20291.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/clusters/generic.js
Export determination: 6.

Rationale: CHG (javascript): Adding option download functionality for saving bin files.

Change #1177 with diff file ISSM-20291-20292.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: minor fold issue

Change #1178 with diff file ISSM-20292-20293.diff:

Function name:

M /issm/trunk-jpl/src/m/js/writejscellarray.m

Export determination: 6.

Rationale: CHG: fixed writejscellarray routine.

Change #1179 with diff file ISSM-20293-20294.diff:

Function name:

M /issm/trunk-jpl/externalpackages/boost/install-1.55-macosx-el_capitan.sh D /issm/trunk-jpl/externalpackages/dakota/install-6.2-macosx-el_capitan.sh M /issm/trunk-jpl/externalpackages/dakota/install-6.2-macosx64.sh M /issm/trunk-jpl/jenkins/macosx_pine-island_dakota M /issm/trunk-jpl/m4/issm_options.m4

Export determination: 6.

Rationale: CHG: Modified Dakota flags to fall in line with the 6.2 MacOSX script. CHG: Modified Boost 1.55 MacOSX El Capitan (10.11) install script. Now using XCode compilers DEL: Removed Dakota 6.2 install script for MacOSX El Capitan (10.11). CHG: Modified Dakota 6.2 install script for MacOSX. Provided options for delayed template parsing and disabled JEGA and Acro packages. These packages are not needed, yet cause compilation problems when using XCode toolchain. CHG: Jenkins Pine Island config now uses different externalpackages (Dakota 6.2 MacOSX, Boost 1.55 MacOSX El Capitan (10.11)). Also, added Boost and Dakota options to config.

Change #1180 with diff file ISSM-20294-20295.diff:

Function name:

M /issm/trunk-jpl/jenkins/macosx_pine-island_dakota

Export determination: 6.
Rationale: CHG: Added CMake to MacOSX Dakota build.

Change #1181 with diff file ISSM-20295-20296.diff:
Function name:
M /issm/trunk-jpl/src/m/Makefile.am M /issm/trunk-jpl/src/m/classes/clusters/generic.js
A /issm/trunk-jpl/src/m/classes/maskpsl.js M /issm/trunk-jpl/src/m/classes/maskpsl.m
M /issm/trunk-jpl/src/m/classes/outputdefinition.m
Export determination: 6.
Rationale: CHG (JS): missing classes to allow marshalling of model in javascript.

Change #1182 with diff file ISSM-20296-20297.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/clusters/generic.js
Export determination: 6.
Rationale: CHG: unhooking download option.

Change #1183 with diff file ISSM-20297-20298.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/outputdefinition.js M /issm/trunk-jpl/src/m/classes/qmu.js
Export determination: 6.
Rationale: CHG: minor changes, adjustmnets.

Change #1184 with diff file ISSM-20298-20299.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/clusters/generic.js
Export determination: 6.
Rationale: CHG (javascript): Adding np parameter to request bin.

Change #1185 with diff file ISSM-20299-20300.diff:
Function name:
M /issm/trunk-jpl/src/m/solve/loadresultsfrombuffer.js M /issm/trunk-jpl/src/m/solve/solve.js
Export determination: 6.

Rationale: CHG: different prototype for loadresultsfrombuffer. Returns model now instead of results. Like the matlab and python versions.

Change #1186 with diff file ISSM-20300-20301.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: only install issm-bin.js

Change #1187 with diff file ISSM-20301-20302.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: Adding vilje (UiB) cluster for python

Change #1188 with diff file ISSM-20302-20303.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: adding vilje to model

Change #1189 with diff file ISSM-20303-20304.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: checking number of inputs

Change #1190 with diff file ISSM-20304-20305.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: releasing memory

Change #1191 with diff file ISSM-20305-20306.diff:

Function name:

M /issm/trunk-jpl/src/wrappers/InterpFromMesh2d/InterpFromMesh2d.cpp M
/issm/trunk-jpl/src/wrappers/InterpFromMeshToMesh3d/InterpFromMeshToMesh3d.cpp
M /issm/trunk-jpl/src/wrappers/PointCloudFindNeighbors/PointCloudFindNeighbors.cpp

Export determination: 6.

Rationale: BUG: adding xdelete for some pointers

Change #1192 with diff file ISSM-20306-20307.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: missing extrude function in frictiontemp

Change #1193 with diff file ISSM-20307-20308.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/LevelsetAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/MasstransportAnal
M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp

Export determination: 6.

Rationale: CHG: finished calving dev for STore paper

Change #1194 with diff file ISSM-20308-20309.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test273.m

Export determination: 6.

Rationale: CHG: added semi colon to avoid md print

Change #1195 with diff file ISSM-20309-20310.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: fixing memory leak

Change #1196 with diff file ISSM-20310-20311.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test3015.py

Export determination: 6.

Rationale: BUG: bad string formatting in print

Change #1197 with diff file ISSM-20311-20312.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test3015.py

Export determination: 6.

Rationale: BUG: no more issmglsolver

Change #1198 with diff file ISSM-20312-20313.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross_ad

Export determination: 6.

Rationale: CHG: deactivating some tests

Change #1199 with diff file ISSM-20313-20314.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test3015.py M /issm/trunk-jpl/test/NightlyRun/test3020.py

Export determination: 6.

Rationale: BUG: python indices start at 0

Change #1200 with diff file ISSM-20314-20315.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross_ad

Export determination: 6.

Rationale: CHG: reverted back

Change #1201 with diff file ISSM-20315-20316.diff:

Function name:

R /issm/trunk-jpl/src/m/classes/clusters/vilje.m

Export determination: 6.
Rationale: new: adding vilje cluster settings

Change #1202 with diff file ISSM-20316-20317.diff:

Function name:
M /issm/trunk-jpl/src/m/classes/clusters/vilje.m
Export determination: 6.
Rationale: chg: vilje cluster script update

Change #1203 with diff file ISSM-20317-20318.diff:

Function name:
A /issm/trunk-jpl/externalpackages/mpich/install-3.0-cyclone.sh
Export determination: 6.
Rationale: NEW: Adding mpich config for Cyclone UiB cluster

Change #1204 with diff file ISSM-20318-20319.diff:

Function name:
A /issm/trunk-jpl/configs/config-linux64-cyclone.sh
Export determination: 6.
Rationale: NEW: Adding UiB Cyclone config file

Change #1205 with diff file ISSM-20319-20320.diff:

Function name:
A /issm/trunk-jpl/externalpackages/autotools/install-discover.sh A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/BuildDakotaCustom.cmake.discover.patch
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/CMakeLists.txt.discover.patch
A /issm/trunk-jpl/externalpackages/dakota/install-6.2-intel15-discover.sh A /issm/trunk-jpl/externalpackages/petsc/install-3.6-discover.sh
Export determination: 6.
Rationale: CHG: update discover compile for 6.2 dakota

Change #1206 with diff file ISSM-20320-20321.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/discover.m
Export determination: 6.
Rationale: CHG: update discover class for SLURM

Change #1207 with diff file ISSM-20321-20322.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp
Export determination: 6.
Rationale: CHG: fresh water density should be considered for eustatic number!

Change #1208 with diff file ISSM-20322-20323.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/model.m M /issm/trunk-jpl/src/m/classes/slr.m
Export determination: 6.
Rationale: CHG: slr: check against the mask to ensure conservation of mass.
model: additional checks.

Change #1209 with diff file ISSM-20323-20324.diff:
Function name:
A /issm/trunk-jpl/externalpackages/boost/configs/1.55/adl.hpp.patch A /issm/trunk-jpl/externalpackages/boost/install-1.55-discover.sh M /issm/trunk-jpl/m4/issm_options.m4
M /issm/trunk-jpl/src/m/classes/clusters/discover.m
Export determination: 6.
Rationale: CHG: bring discover back up to date with new dakota, and do not
hardcode mkl for pfe

Change #1210 with diff file ISSM-20324-20325.diff:
Function name:
M /issm/trunk-jpl/src/m/contrib/defleurian/paraview/exportVTK.m
Export determination: 6.
Rationale: CHG: homogenized doc

Change #1211 with diff file ISSM-20325-20326.diff:

Function name:
M /issm/trunk-jpl/src/m/exp/expwrite.m
Export determination: 6.
Rationale: CHG: always write a file if file cannot be written using user's path

Change #1212 with diff file ISSM-20326-20327.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test2002.m
Export determination: 6.
Rationale: CHG: changes to keep up with slr deltathickness new checksonsticity test.

Change #1213 with diff file ISSM-20327-20328.diff:
Function name:
M /issm/trunk-jpl/test/Archives/Archive2002.nc
Export determination: 6.
Rationale: CHG: new arhchive for new consistency checks.

Change #1214 with diff file ISSM-20328-20329.diff:
Function name:
M /issm/trunk-jpl/etc/environment.sh
Export determination: 6.
Rationale: CHG: only export PETSC_DIR if diretctory exists

Change #1215 with diff file ISSM-20329-20330.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG:adding a test to specify the good petsc library name on UIB Hexagon

Change #1216 with diff file ISSM-20330-20331.diff:
Function name:

A /issm/trunk-jpl/configs/config-linux64-hexagon.sh
Export determination: 6.
Rationale: NEW: Hexagon config file

Change #1217 with diff file ISSM-20331-20332.diff:
Function name:
M /issm/trunk-jpl/src/m/psl/shlm.m M /issm/trunk-jpl/src/m/psl/shlm_element.m
Export determination: 6.
Rationale: CHG: removed some nod needed comments.

Change #1218 with diff file ISSM-20332-20333.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: BUG: Changing string equality operation to deal with empty string.

Change #1219 with diff file ISSM-20333-20334.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: BUG: removed = from cray option.

Change #1220 with diff file ISSM-20334-20335.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test4001.m
Export determination: 6.
Rationale: CHG: adding path AFTER downloading MITgcm

Change #1221 with diff file ISSM-20335-20336.diff:
Function name:
A /issm/trunk-jpl/test/NightlyRun/test341.py
Export determination: 6.
Rationale: NEW: added m1qn3 python test

Change #1222 with diff file ISSM-20336-20337.diff:

Function name:

M /issm/trunk-jpl/jenkins/windows

Export determination: 6.

Rationale: CHG: added -enable-development to windows tests

Change #1223 with diff file ISSM-20337-20338.diff:

Function name:

M /issm/trunk-jpl/jenkins/windows

Export determination: 6.

Rationale: BUG: typo

Change #1224 with diff file ISSM-20338-20339.diff:

Function name:

M /issm/trunk-jpl/jenkins/imac-012301-gil M /issm/trunk-jpl/jenkins/jenkins.sh
M /issm/trunk-jpl/jenkins/linux64_caladan M /issm/trunk-jpl/jenkins/linux64_caladan_ad
M /issm/trunk-jpl/jenkins/linux64_caladan_ampi M /issm/trunk-jpl/jenkins/linux64_murdo
M /issm/trunk-jpl/jenkins/linux64_murdo_ad M /issm/trunk-jpl/jenkins/linux64_murdo_ampi
M /issm/trunk-jpl/jenkins/linux64_murdo_gia M /issm/trunk-jpl/jenkins/linux64_murdo_iceocean
M /issm/trunk-jpl/jenkins/linux64_murdo_python M /issm/trunk-jpl/jenkins/linux64_ross
M /issm/trunk-jpl/jenkins/linux64_ross_ad M /issm/trunk-jpl/jenkins/linux64_ross_ampi
M /issm/trunk-jpl/jenkins/linux64_ross_gia M /issm/trunk-jpl/jenkins/linux64_ross_iceocean
M /issm/trunk-jpl/jenkins/linux64_ross_se M /issm/trunk-jpl/jenkins/linux64_ross_test
M /issm/trunk-jpl/jenkins/macosx_pine-island M /issm/trunk-jpl/jenkins/macosx_pine-
island_dakota M /issm/trunk-jpl/jenkins/windows M /issm/trunk-jpl/jenkins/windows-
par

Export determination: 6.

Rationale: NEW: trying to get rid of MATLAB_DIR, do not use this variable anymore and do NOT install matlab

Change #1225 with diff file ISSM-20339-20340.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: trying to fix MATLAB_PATH option

Change #1226 with diff file ISSM-20340-20341.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh M /issm/trunk-jpl/jenkins/linux64_caladan_ad

M /issm/trunk-jpl/jenkins/linux64_murdo_ad M /issm/trunk-jpl/jenkins/linux64_ross_ad

Export determination: 6.

Rationale: CHG: testing new way of configuring

Change #1227 with diff file ISSM-20341-20342.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: removing unused code

Change #1228 with diff file ISSM-20342-20343.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt

M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/enum/EnumDefinitions

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

A /issm/trunk-jpl/src/m/enum/SealevelriseRotationEnum.m A /issm/trunk-

jpl/src/m/enum/SealevelriseTideLoveHEnum.m A /issm/trunk-jpl/src/m/enum/SealevelriseTideLoveKEnum.

Export determination: 6.

Rationale: CHG: starting to add enums necessary to handle perturbation to the rotational potential in slr solution.

Change #1229 with diff file ISSM-20343-20344.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: adding SealevelEustatic as automatic output of slr solution.

Change #1230 with diff file ISSM-20344-20345.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: simplified the solution by removing the Eustatic choice (which is now default). Also modified the condition on which the eustatic level contribution is added for ice loading elements, so as to better conserve mass!

Change #1231 with diff file ISSM-20345-20346.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: no need for eustatic boolean anymore, it's default. Added a GenericParam container to IssmComm, otherwise, we have issues with gcc and intel compilers when adding comms as IntParam objects in the parameters container.

Change #1232 with diff file ISSM-20346-20347.diff:

Function name:

M /issm/trunk-jpl/src/c/main/issm_slr.cpp

Export determination: 6.

Rationale: CHG: encapsulating ISSM COMM objects into a GenericParam object to avoid issues with gcc and intel compilers.

Change #1233 with diff file ISSM-20347-20348.diff:

Function name:

M /issm/trunk-jpl/src/c/cores/sealevelrise_core_eustatic.cpp

Export determination: 6.

Rationale: CHG: adding eustatic level as default solution to eustatic core.

Change #1234 with diff file ISSM-20348-20349.diff:

Function name:

M /issm/trunk-jpl/src/c/cores/sealevelrise_core.cpp

Export determination: 6.

Rationale: CHG: encapsulating ISSM COMM objects into a GenericParam object to avoid issues with gcc and intel compilers.

Change #1235 with diff file ISSM-20349-20350.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/slr.js M /issm/trunk-jpl/src/m/classes/slr.m

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

Export determination: 6.

Rationale: CHG: introducing rotation fields in the slr class, for the perturbation of rotational potential part of the sea level rise solver. Also removed eustatic as a choice, it is now default for the computation of sea level rise.

Change #1236 with diff file ISSM-20350-20351.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive243.nc M /issm/trunk-jpl/test/Data/gemb_input.mat

M /issm/trunk-jpl/test/NightlyRun/test243.m

Export determination: 6.

Rationale: CHG: fixed test 243

Change #1237 with diff file ISSM-20351-20352.diff:

Function name:

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

Export determination: 6.

Rationale: CHG (JAVASCRIPT): simplified includes interface.

Change #1238 with diff file ISSM-20352-20353.diff:

Function name:

M /issm/trunk-jpl/src/m/Makefile.am A /issm/trunk-jpl/src/m/print/sprintf.js

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

Export determination: 6.

Rationale: CHG (JS): -added sprintf script which is often used across the js code. -make sure all the .js files end up in bin/issm-prebin.js and bin/issm.js

Change #1239 with diff file ISSM-20353-20354.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/generic.js
Export determination: 6.
Rationale: CHG (JS): Uint8Array more compatible with size of raw buffer.

Change #1240 with diff file ISSM-20354-20355.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/plot_unit.js
Export determination: 6.
Rationale: CHG (javascript): Reverting incorrect movie handling changes.

Change #1241 with diff file ISSM-20355-20356.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/webgl.js
Export determination: 6.
Rationale: CHG (javascript): Fixing inconsistent zooming when approaching zoom bounds.

Change #1242 with diff file ISSM-20356-20357.diff:
Function name:
M /issm/trunk-jpl/src/m/solve/WriteData.js
Export determination: 6.
Rationale: CHG (JS): absolutely nasty bug fixed! Scaling was actually changing the internals of our model! Had to slice incoming arrays.

Change #1243 with diff file ISSM-20357-20358.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/applyoptions.js
Export determination: 6.
Rationale: CHG (javascript): Increasing colorbar display resolution and fixing distortion for vertical colorbars.

Change #1244 with diff file ISSM-20358-20359.diff:
Function name:

M /issm/trunk-jpl/src/m/plot/applyoptions.js M /issm/trunk-jpl/src/m/plot/webgl.js
Export determination: 6.
Rationale: CHG (javascript): Removing debug logs.

Change #1245 with diff file ISSM-20359-20360.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/slider.js

Export determination: 6.

Rationale: CHG (javascript): slider refactoring. Now conforms to options syntax. Accepts height and width arguments. Requires named arguments for value, callback, and name. Preventing variable hoisting.

Change #1246 with diff file ISSM-20360-20361.diff:

Function name:

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

Export determination: 6.

Rationale: CHG (JS): fixed 1D vs 2D array issue.

Change #1247 with diff file ISSM-20361-20362.diff:

Function name:

M /issm/trunk-jpl/src/m/solve/WriteData.js

Export determination: 6.

Rationale: CHG (JS): fixed issue of scaling.

Change #1248 with diff file ISSM-20362-20363.diff:

Function name:

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

M /issm/trunk-jpl/src/c/datastructures/DataSet.cpp

Export determination: 6.

Rationale: BUG: fixing Comm issue

Change #1249 with diff file ISSM-20363-20364.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Params/GenericParam.h
Export determination: 6.
Rationale: BUG: fixing generic param for now (quick fix)

Change #1250 with diff file ISSM-20364-20365.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Params/GenericParam.h
Export determination: 6.
Rationale: CHG: add warning

Change #1251 with diff file ISSM-20365-20366.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Params/GenericParam.h
Export determination: 6.
Rationale: BUG: woops, wrong printf

Change #1252 with diff file ISSM-20366-20367.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test237.m M /issm/trunk-jpl/test/NightlyRun/test237.py
M /issm/trunk-jpl/test/NightlyRun/test315.m M /issm/trunk-jpl/test/NightlyRun/test315.py
M /issm/trunk-jpl/test/NightlyRun/test324.m M /issm/trunk-jpl/test/NightlyRun/test324.py
M /issm/trunk-jpl/test/NightlyRun/test806.m M /issm/trunk-jpl/test/NightlyRun/test806.py
Export determination: 6.
Rationale: CHG relaxing tolerances for windows

Change #1253 with diff file ISSM-20367-20368.diff:
Function name:
M /issm/trunk-jpl/src/c/cores/sealevelrise_core_eustatic.cpp
Export determination: 6.
Rationale: BUG: fixing AD tests:

Change #1254 with diff file ISSM-20368-20369.diff:
Function name:

M /issm/trunk-jpl/test/NightlyRun/test3019.py M /issm/trunk-jpl/test/NightlyRun/test324.m
M /issm/trunk-jpl/test/NightlyRun/test324.py
Export determination: 6.
Rationale: CHG: relaxing tolerances

Change #1255 with diff file ISSM-20369-20370.diff:
Function name:
A /issm/trunk-jpl/jenkins/macosx_pine-island_static
Export determination: 6.
Rationale: ADD: MacOSX static build Jenkins config file.

Change #1256 with diff file ISSM-20370-20371.diff:
Function name:
M /issm/trunk-jpl/jenkins/macosx_pine-island_static
Export determination: 6.
Rationale: CHG: Added standalone libs flag.

Change #1257 with diff file ISSM-20371-20372.diff:
Function name:
M /issm/trunk-jpl/jenkins/macosx_pine-island_static
Export determination: 6.
Rationale: CHG: Adding gfortran lib option ot Jenkins MacOSX static config file.

Change #1258 with diff file ISSM-20372-20373.diff:
Function name:
M /issm/trunk-jpl/jenkins/macosx_pine-island_static
Export determination: 6.
Rationale: FIX: Wrong directory for gfortran lib.

Change #1259 with diff file ISSM-20373-20374.diff:
Function name:
M /issm/trunk-jpl/jenkins/macosx_pine-island_static

Export determination: 6.
Rationale: CHG: Removed standalone modules option. Does not quite work.

Change #1260 with diff file ISSM-20374-20375.diff:
Function name:
M /issm/trunk-jpl/jenkins/macosx_pine-island_static
Export determination: 6.
Rationale: CHG: Removed disabled shared flag.

Change #1261 with diff file ISSM-20375-20376.diff:
Function name:
M /issm/trunk-jpl/jenkins/macosx_pine-island_static
Export determination: 6.
Rationale: CHG: Restored standalone modules option.

Change #1262 with diff file ISSM-20376-20377.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/clusters/generic_static.m
Export determination: 6.
Rationale: CHG: additional option to generic: batch

Change #1263 with diff file ISSM-20377-20378.diff:
Function name:
M /issm/trunk-jpl/src/m/os/issmdir.m
Export determination: 6.
Rationale: NEW: figure out what ISSM_DIR is based on path name rather than forcing users to edit their bashrc

Change #1264 with diff file ISSM-20378-20379.diff:
Function name:
M /issm/trunk-jpl/src/m/dev/issmversion.m M /issm/trunk-jpl/src/m/dev/issmversion.py
Export determination: 6.
Rationale: CHG: updated copyright date

Change #1265 with diff file ISSM-20379-20380.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/quiver.colorbar.m

Export determination: 6.

Rationale: BUG: trying to fix behavior of colorbar

Change #1266 with diff file ISSM-20380-20381.diff:

Function name:

M /issm/trunk-jpl/src/m/consistency/ismodelselfconsistent.m M /issm/trunk-jpl/src/m/consistency/ismodelselfconsistent.py

Export determination: 6.

Rationale: CHG: add enthalpy to analyses list of steadystate

Change #1267 with diff file ISSM-20381-20382.diff:

Function name:

M /issm/trunk-jpl/src/m/consistency/ismodelselfconsistent.m

Export determination: 6.

Rationale: BUG: replaced , by ;

Change #1268 with diff file ISSM-20382-20383.diff:

Function name:

M /issm/trunk-jpl/src/m/os/issmdir.m

Export determination: 6.

Rationale: CHG: make issmdir Windows friendly

Change #1269 with diff file ISSM-20383-20384.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: NAN and INFINITY seem to be defined now for Windows, let's keep them in a ifndef for now

Change #1270 with diff file ISSM-20384-20385.diff:

Function name:

M /issm/trunk-jpl/jenkins/windows M /issm/trunk-jpl/jenkins/windows-par

Export determination: 6.

Rationale: CHG: turn of kml by default

Change #1271 with diff file ISSM-20385-20386.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: checking svn version numbering

Change #1272 with diff file ISSM-20386-20387.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Changing stuff to fix annoying flags that Windows does not recognize.

Change #1273 with diff file ISSM-20387-20388.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: testing

Change #1274 with diff file ISSM-20388-20389.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: disable python for now

Change #1275 with diff file ISSM-20389-20390.diff:

Function name:
M /issm/trunk-jpl/jenkins/jenkins.sh
Export determination: 6.
Rationale: CHG: need to use SVN_REVISION_1 instead of svnversion

Change #1276 with diff file ISSM-20390-20391.diff:

Function name:
M /issm/trunk-jpl/jenkins/jenkins.sh
Export determination: 6.
Rationale: BUG: taking out quotes

Change #1277 with diff file ISSM-20391-20392.diff:

Function name:
M /issm/trunk-jpl/jenkins/jenkins.sh
Export determination: 6.
Rationale: CHG: testing

Change #1278 with diff file ISSM-20392-20393.diff:

Function name:
M /issm/trunk-jpl/jenkins/jenkins.sh
Export determination: 6.
Rationale: BUG: immor

Change #1279 with diff file ISSM-20393-20394.diff:

Function name:
M /issm/trunk-jpl/jenkins/jenkins.sh
Export determination: 6.
Rationale: testing

Change #1280 with diff file ISSM-20394-20395.diff:

Function name:
M /issm/trunk-jpl/jenkins/imac-012301-gil M /issm/trunk-jpl/jenkins/jenkins.sh
M /issm/trunk-jpl/jenkins/linux64_caladan M /issm/trunk-jpl/jenkins/linux64_caladan_ad

M /issm/trunk-jpl/jenkins/linux64_caladan_ampi M /issm/trunk-jpl/jenkins/linux64_murdo
M /issm/trunk-jpl/jenkins/linux64_murdo_ad M /issm/trunk-jpl/jenkins/linux64_murdo_ampi
M /issm/trunk-jpl/jenkins/linux64_murdo_gia M /issm/trunk-jpl/jenkins/linux64_murdo_iceocean
M /issm/trunk-jpl/jenkins/linux64_murdo_python M /issm/trunk-jpl/jenkins/linux64_ross
M /issm/trunk-jpl/jenkins/linux64_ross_ad M /issm/trunk-jpl/jenkins/linux64_ross_ampi
M /issm/trunk-jpl/jenkins/linux64_ross_gia M /issm/trunk-jpl/jenkins/linux64_ross_iceocean
M /issm/trunk-jpl/jenkins/linux64_ross_se M /issm/trunk-jpl/jenkins/linux64_ross_test
M /issm/trunk-jpl/jenkins/macosex_pine-island M /issm/trunk-jpl/jenkins/macosex_pine-
island_dakota M /issm/trunk-jpl/jenkins/macosex_pine-island_static M /issm/trunk-
jpl/jenkins/windows M /issm/trunk-jpl/jenkins/windows-par M /issm/trunk-
jpl/jenkins/windows_test
Export determination: 6.
Rationale: CHG: cleaning up

Change #1281 with diff file ISSM-20395-20396.diff:

Function name:

M /issm/trunk-jpl/jenkins/imac-012301-gil M /issm/trunk-jpl/jenkins/jenkins.sh
M /issm/trunk-jpl/jenkins/linux64_murdo M /issm/trunk-jpl/jenkins/macosex_pine-
island

Export determination: 6.

Rationale: CHG: fixing parser

Change #1282 with diff file ISSM-20396-20397.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: added cat of changes

Change #1283 with diff file ISSM-20397-20398.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: quick fix for windows

Change #1284 with diff file ISSM-20398-20399.diff:

Function name:
M /issm/trunk-jpl/jenkins/jenkins.sh
Export determination: 6.
Rationale: CHG: test

Change #1285 with diff file ISSM-20399-20400.diff:

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

Change #1286 with diff file ISSM-20400-20401.diff:

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

Change #1287 with diff file ISSM-20401-20402.diff:

Function name:
M /issm/trunk-jpl/src/m/plot/applyoptions.js M /issm/trunk-jpl/src/m/plot/plot_manager.js
M /issm/trunk-jpl/src/m/plot/plot_mesh.js M /issm/trunk-jpl/src/m/plot/plot_overlay.js
A /issm/trunk-jpl/src/m/plot/plot_quiver.js M /issm/trunk-jpl/src/m/plot/plot_unit.js
M /issm/trunk-jpl/src/m/plot/slider.js M /issm/trunk-jpl/src/m/plot/webgl.js
Export determination: 6.
Rationale: ADD (javascript): plot_quiver implementation. CHG (javascript):
Fixing issues with multiple data plots/colorbars in plot_manager to match mat-
lab semantics. Adding movie slider progress bar to sliders.js.

Change #1288 with diff file ISSM-20402-20403.diff:

Function name:
D /issm/trunk-jpl/jenkins/execute_shell D /issm/trunk-jpl/jenkins/execute_shell_ad
D /issm/trunk-jpl/jenkins/imac-012301-gil M /issm/trunk-jpl/jenkins/linux64_caladan
M /issm/trunk-jpl/jenkins/linux64_caladan_ad M /issm/trunk-jpl/jenkins/linux64_caladan_ampi
D /issm/trunk-jpl/jenkins/linux64_murdo D /issm/trunk-jpl/jenkins/linux64_murdo_ad
D /issm/trunk-jpl/jenkins/linux64_murdo_ampi D /issm/trunk-jpl/jenkins/linux64_murdo_gia

D /issm/trunk-jpl/jenkins/linux64_murdo_iceocean D /issm/trunk-jpl/jenkins/linux64_murdo_python
M /issm/trunk-jpl/jenkins/linux64_ross M /issm/trunk-jpl/jenkins/linux64_ross_ad
M /issm/trunk-jpl/jenkins/linux64_ross_ampi M /issm/trunk-jpl/jenkins/linux64_ross_gia
M /issm/trunk-jpl/jenkins/linux64_ross_iceocean M /issm/trunk-jpl/jenkins/linux64_ross_se
M /issm/trunk-jpl/jenkins/linux64_ross_test M /issm/trunk-jpl/jenkins/macosx_pine-
island M /issm/trunk-jpl/jenkins/macosx_pine-island_dakota M /issm/trunk-
jpl/jenkins/macosx_pine-island_static M /issm/trunk-jpl/jenkins/windows M /issm/trunk-
jpl/jenkins/windows-par M /issm/trunk-jpl/jenkins/windows_test
Export determination: 6.
Rationale: CHG: cleaning up

Change #1289 with diff file ISSM-20403-20404.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: Fixed MATLABINCLUDE variable for Windows.

Change #1290 with diff file ISSM-20404-20405.diff:
Function name:
M /issm/trunk-jpl/jenkins/jenkins.sh
Export determination: 6.
Rationale: BUG: need to delete changes firstsvn diff!

Change #1291 with diff file ISSM-20405-20406.diff:
Function name:
M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/shared/Numerics/constants.h
Export determination: 6.
Rationale: CHG: no need to define INFINITY and NAN in windows

Change #1292 with diff file ISSM-20406-20407.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: MATLAB_DIR to MATLAB_ROOT

Change #1293 with diff file ISSM-20407-20408.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/SMBgemb.m M /issm/trunk-jpl/src/m/classes/stressbalance.m

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

Export determination: 6.

Rationale: CHG: added some checks to thermal and changed cosmetics in other files

Change #1294 with diff file ISSM-20408-20409.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test2002.m M /issm/trunk-jpl/test/NightlyRun/test2002.py

Export determination: 6.

Rationale: CHG: trying to fix SLR tests

Change #1295 with diff file ISSM-20409-20410.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: set python buffering off in order to see output of issm.exe

Change #1296 with diff file ISSM-20410-20411.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: try to use tee instead of `&` to keep python output

Change #1297 with diff file ISSM-20411-20412.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: print error messages in python

Change #1298 with diff file ISSM-20412-20413.diff:

Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: Adding /link flag before /LIBPATH for Matlab Windows options.

Change #1299 with diff file ISSM-20413-20414.diff:
Function name:
M /issm/trunk-jpl/jenkins/jenkins.sh
Export determination: 6.
Rationale: CHG: if reconfigure is required, then make is also required

Change #1300 with diff file ISSM-20414-20415.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: removed MATLAB_DIR

Change #1301 with diff file ISSM-20415-20416.diff:
Function name:
M /issm/trunk-jpl/jenkins/jenkins.sh
Export determination: 6.
Rationale: CHG: typo

Change #1302 with diff file ISSM-20416-20417.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test2001.py
Export determination: 6.
Rationale: CHG: fixing python test 2001

Change #1303 with diff file ISSM-20417-20418.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/runme.py

Export determination: 6.
Rationale: minor

Change #1304 with diff file ISSM-20418-20419.diff:
Function name:
M /issm/trunk-jpl/src/c/cores/steadystate_core.cpp
Export determination: 6.
Rationale: CHG: better message of steadystate

Change #1305 with diff file ISSM-20419-20420.diff:
Function name:
M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am
Export determination: 6.
Rationale: CHG: Removed Chaco MEX module when not configured with Chaco.

Change #1306 with diff file ISSM-20420-20421.diff:
Function name:
M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am
Export determination: 6.
Rationale: FIX: Fixed mistake in Chaco removal.

Change #1307 with diff file ISSM-20421-20422.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test802.m M /issm/trunk-jpl/test/NightlyRun/test802.py
Export determination: 6.
Rationale: CHG: Relaxing test 802.

Change #1308 with diff file ISSM-20422-20423.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test227.m M /issm/trunk-jpl/test/NightlyRun/test227.py
Export determination: 6.
Rationale: CHG: Relaxing test 227.

Change #1309 with diff file ISSM-20423-20424.diff:

Function name:

M /issm/trunk-jpl/jenkins/windows

Export determination: 6.

Rationale: CHG: Trying to improve performance by upping the number of CPUS.

Change #1310 with diff file ISSM-20424-20425.diff:

Function name:

D /issm/trunk-jpl/externalpackages/petsc/README D /issm/trunk-jpl/externalpackages/petsc/install-3.1-altix64-castor.sh D /issm/trunk-jpl/externalpackages/petsc/install-3.1-cosmos.sh
D /issm/trunk-jpl/externalpackages/petsc/install-3.1-linux64-berg.sh D /issm/trunk-jpl/externalpackages/petsc/install-3.1-macosx32-mathieu.sh D /issm/trunk-jpl/externalpackages/petsc/install-3.1-macosx32-ogive.sh D /issm/trunk-jpl/externalpackages/petsc/install-3.1-pleiades.sh
D /issm/trunk-jpl/externalpackages/petsc/install-3.1-ubuntu64.sh D /issm/trunk-jpl/externalpackages/petsc/install-3.1-win7-parallel.sh D /issm/trunk-jpl/externalpackages/petsc/install-3.1-win7.sh D /issm/trunk-jpl/externalpackages/petsc/install-3.2-discover-intel13.sh
D /issm/trunk-jpl/externalpackages/petsc/install-3.2-discover.sh D /issm/trunk-jpl/externalpackages/petsc/install-3.2-greenplanet.sh D /issm/trunk-jpl/externalpackages/petsc/install-3.2-hoffman2.sh D /issm/trunk-jpl/externalpackages/petsc/install-3.2-linux64.sh
D /issm/trunk-jpl/externalpackages/petsc/install-3.2-macosx64.sh D /issm/trunk-jpl/externalpackages/petsc/install-3.2-pleiades.sh D /issm/trunk-jpl/externalpackages/petsc/install-3.2-ubuntu64.sh D /issm/trunk-jpl/externalpackages/petsc/install-3.3-linux64.sh
D /issm/trunk-jpl/externalpackages/petsc/install-3.3-macosx64.sh D /issm/trunk-jpl/externalpackages/petsc/install-3.3-pleiades.sh D /issm/trunk-jpl/externalpackages/petsc/install-3.3-walgreen.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.6-discover.sh
M /issm/trunk-jpl/externalpackages/petsc/install-3.6-linux64.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.6-lonestar.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.6-macosx64.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.6-pleiades.sh
M /issm/trunk-jpl/externalpackages/petsc/install-3.6-win10.sh

Export determination: 6.

Rationale: NEW: updating to latest petsc 3.6.3

Change #1311 with diff file ISSM-20425-20426.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: if external packages need to be reinstalled, everything needs to be recompiled as well

Change #1312 with diff file ISSM-20426-20427.diff:

Function name:

M /issm/trunk-jpl/src/c/cores/steadystate_core.cpp

Export determination: 6.

Rationale: CHG: better formatting

Change #1313 with diff file ISSM-20427-20428.diff:

Function name:

M /issm/trunk-jpl/externalpackages/petsc/install-3.6-win10.sh

Export determination: 6.

Rationale: CHG: stick with petsc 3.6.2 for now windows

Change #1314 with diff file ISSM-20428-20429.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: check if externalpackages have been installed even if ISSM.EXTERNALPACKAGES is none

Change #1315 with diff file ISSM-20429-20430.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: minor

Change #1316 with diff file ISSM-20430-20431.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: whenever not interactive, add & to source command so that

sourcing the queueing script does not wait for job completion

Change #1317 with diff file ISSM-20431-20432.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Adding plot_quiver.js in Makefile

Change #1318 with diff file ISSM-20432-20433.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_unit.js

Export determination: 6.

Rationale: CHG (javascript): Fixing animation handler edge case bug during multiple successive callbacks.

Change #1319 with diff file ISSM-20433-20434.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Order of libs.

Change #1320 with diff file ISSM-20434-20435.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: Check if installation dir is empty.

Change #1321 with diff file ISSM-20435-20436.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: If missing installation causes an externalpackage to be built, then we must recompile.

Change #1322 with diff file ISSM-20436-20437.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_unit.js

Export determination: 6.

Rationale: CHG (javascript): Adding support for movie timestamp displays.

Change #1323 with diff file ISSM-20437-20438.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_unit.js

Export determination: 6.

Rationale: CHG (javascript): Changing display settings for movie slider. Implementing movietimeunit option.

Change #1324 with diff file ISSM-20438-20439.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh

Export determination: 6.

Rationale: CHG: minor

Change #1325 with diff file ISSM-20439-20440.diff:

Function name:

M /issm/trunk-jpl/externalpackages/dakota/install-6.2-linux64.sh M /issm/trunk-jpl/m4/issm_options.m4

Export determination: 6.

Rationale: CHG: Slimming down the Dakota package. Should improve performance.

Change #1326 with diff file ISSM-20440-20441.diff:

Function name:

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

Export determination: 6.

Rationale: DEL: removed all levelset reset +-1

Change #1327 with diff file ISSM-20441-20442.diff:

Function name:

M /issm/trunk-jpl/src/m/Makefile.am A /issm/trunk-jpl/src/m/plot/tooltips.js

Export determination: 6.

Rationale: ADD (javascript): tooltips implementation.

Change #1328 with diff file ISSM-20442-20443.diff:

Function name:

M /issm/trunk-jpl/src/m/os/oshostname.m D /issm/trunk-jpl/src/m/string/ddewwhite.m

Export determination: 6.

Rationale: CHG: simplified oshostname

Change #1329 with diff file ISSM-20443-20444.diff:

Function name:

M /issm/trunk-jpl/src/m/os/oshostname.m

Export determination: 6.

Rationale: BUG: previous method did not seem to work

Change #1330 with diff file ISSM-20444-20445.diff:

Function name:

A /issm/trunk-jpl/externalpackages/petsc/install-3.6-macosx64-static.sh M /issm/trunk-jpl/jenkins/macosx-pine-island.static

Export determination: 6.

Rationale: CHG: Updated MacOSX static build Jenkins file. ADD: Petsc 3.6 MacOSX static install script.

Change #1331 with diff file ISSM-20445-20446.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: improved printing

Change #1332 with diff file ISSM-20446-20447.diff:
Function name:
M /issm/trunk-jpl/src/m/contrib/morlighem/gslib/pkriging.m
Export determination: 6.
Rationale: BUG: fixed with new cluster implementation of Queueing script

Change #1333 with diff file ISSM-20447-20448.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/geometry.py M /issm/trunk-jpl/src/m/mesh/planet/gmsh/gmshplanet.py
Export determination: 6.
Rationale: CHG: cosemantics

Change #1334 with diff file ISSM-20448-20449.diff:
Function name:
D /issm/trunk-jpl/src/m/inversions/MisfitDeinterlace.m
Export determination: 6.
Rationale: DEL: not needed anymore

Change #1335 with diff file ISSM-20449-20450.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/mask.m
Export determination: 6.
Rationale: CHG: no MATLAB warning, only display warning

Change #1336 with diff file ISSM-20450-20451.diff:
Function name:
M /issm/trunk-jpl/src/m/consistency/checkfield.m
Export determination: 6.
Rationale: CHG: cosmetics

Change #1337 with diff file ISSM-20451-20452.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/manualcb.m

Export determination: 6.

Rationale: CHG: trying to fix manualcb using 0x10 instead of 0x1 and fixed problem with uint16

Change #1338 with diff file ISSM-20452-20453.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/LevelsetAnalysis.cpp M /issm/trunk-jpl/src/c/cores/levelset_core.cpp
M /issm/trunk-jpl/src/c/cores/transient_core.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateModelProcessorx.cpp
M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToStdString.cpp
M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/classes/calving.js
M /issm/trunk-jpl/src/m/classes/calving.m M /issm/trunk-jpl/src/m/classes/calving.py
M /issm/trunk-jpl/src/m/classes/calvingdev.m M /issm/trunk-jpl/src/m/classes/calvinglevermann.m
M /issm/trunk-jpl/src/m/classes/calvinglevermann.py M /issm/trunk-jpl/src/m/classes/calvingpi.m
M /issm/trunk-jpl/src/m/classes/trans.js M /issm/trunk-jpl/src/m/classes/transient.m
M /issm/trunk-jpl/src/m/classes/transient.py M /issm/trunk-jpl/src/m/enum/EnumDefinitions.js
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py D /issm/trunk-jpl/src/m/enum/TransientIsCalvingEnum
A /issm/trunk-jpl/src/m/enum/TransientIsMovingFrontEnum.m M /issm/trunk-jpl/test/NightlyRun/test801.m M /issm/trunk-jpl/test/NightlyRun/test801.py
M /issm/trunk-jpl/test/NightlyRun/test802.m M /issm/trunk-jpl/test/NightlyRun/test802.py
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M /issm/trunk-jpl/test/NightlyRun/test807.m M /issm/trunk-jpl/test/NightlyRun/test807.py

Export determination: 6.

Rationale: CHG: moved md.transient.iscalving into md.transient.ismovingfront

Change #1339 with diff file ISSM-20453-20454.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/DamageEvolutionAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/EnthalpyAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/MassTransportAnalysis.cpp
M /issm/trunk-jpl/src/c/analyses/StressBalanceAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/StressBalanceSIAAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/ThermalAnalysis.cpp
M /issm/trunk-jpl/src/c/classes/FemModel.cpp M /issm/trunk-jpl/src/m/classes/mask.js
M /issm/trunk-jpl/src/m/classes/mask.m M /issm/trunk-jpl/src/m/classes/mask.py
M /issm/trunk-jpl/src/m/classes/maskpsl.js M /issm/trunk-jpl/src/m/classes/maskpsl.m
M /issm/trunk-jpl/src/m/classes/maskpsl.py

Export determination: 6.

Rationale: CHG: do not marshall NodeActivationMask, this is now done automatically by FemModel-;InitFromFile. We also now allow positive levelsets for

every solutions (presumably...)

Change #1340 with diff file ISSM-20454-20455.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/cores/cores.h D
/issm/trunk-jpl/src/c/cores/levelset_core.cpp A /issm/trunk-jpl/src/c/cores/movingfront_core.cpp
(from /issm/trunk-jpl/src/c/cores/levelset_core.cpp:20453) M /issm/trunk-jpl/src/c/cores/transient_core.cpp

Export determination: 6.

Rationale: CHG: renaming levelset_core to movingfront_core

Change #1341 with diff file ISSM-20455-20456.diff:

Function name:

M /issm/trunk-jpl/externalpackages/petsc/install-3.6-macosx64-static.sh

Export determination: 6.

Rationale: CHG: Added the fblaslapack options to Petsc 3.6 install script for
MacOSX.

Change #1342 with diff file ISSM-20456-20457.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: take care of FS elements for LS

Change #1343 with diff file ISSM-20457-20458.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/StressbalanceAnalysis.cpp M /issm/trunk-
jpl/src/c/modules/SetActiveNodesLSMx/SetActiveNodesLSMx.cpp

Export determination: 6.

Rationale: CHG: fixing L1L2 with new levelset implementation

Change #1344 with diff file ISSM-20458-20459.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_caladan M /issm/trunk-jpl/jenkins/linux64_caladan_ad

M /issm/trunk-jpl/jenkins/linux64_caladan_ampi M /issm/trunk-jpl/jenkins/linux64_ross
M /issm/trunk-jpl/jenkins/linux64_ross_ad M /issm/trunk-jpl/jenkins/linux64_ross_ampi
M /issm/trunk-jpl/jenkins/linux64_ross_gia M /issm/trunk-jpl/jenkins/linux64_ross_iceocean
M /issm/trunk-jpl/jenkins/linux64_ross_se M /issm/trunk-jpl/jenkins/linux64_ross_test
Export determination: 6.
Rationale: CHG: switching to petsc 3.6

Change #1345 with diff file ISSM-20459-20460.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/DamageEvolutionAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/EnthalpyAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/LevelsetAnalysis.cpp
M /issm/trunk-jpl/src/c/analyses/MasstransportAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/StressbalanceAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/StressbalanceSIAAnalysis.cpp
M /issm/trunk-jpl/src/c/analyses/ThermalAnalysis.cpp M /issm/trunk-jpl/src/c/classes/FemModel.cpp
M /issm/trunk-jpl/src/c/cores/movingfront_core.cpp M /issm/trunk-jpl/src/c/cores/transient_core.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateParameters.cpp M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToString.cpp
M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp D /issm/trunk-jpl/src/m/classes/calvingpi.m
M /issm/trunk-jpl/src/m/classes/trans.js M /issm/trunk-jpl/src/m/classes/transient.m
M /issm/trunk-jpl/src/m/classes/transient.py M /issm/trunk-jpl/src/m/enum/EnumDefinitions.js
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py M /issm/trunk-jpl/test/NightlyRun/test801.m
M /issm/trunk-jpl/test/NightlyRun/test801.py M /issm/trunk-jpl/test/NightlyRun/test802.m
M /issm/trunk-jpl/test/NightlyRun/test802.py M /issm/trunk-jpl/test/NightlyRun/test803.m
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M /issm/trunk-jpl/test/NightlyRun/test806.py M /issm/trunk-jpl/test/NightlyRun/test807.m
M /issm/trunk-jpl/test/NightlyRun/test807.py M /issm/trunk-jpl/test/Par/ValleyGlacierShelf.par
M /issm/trunk-jpl/test/Par/ValleyGlacierShelf.py

Export determination: 6.

Rationale: CHG: remove md.transient.islevelset field

Change #1346 with diff file ISSM-20460-20461.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToString.cpp
M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/classes/calving.js
M /issm/trunk-jpl/src/m/classes/calving.m M /issm/trunk-jpl/src/m/classes/calving.py
M /issm/trunk-jpl/src/m/classes/calvingdev.m M /issm/trunk-jpl/src/m/classes/calvinglevermann.m
M /issm/trunk-jpl/src/m/classes/calvinglevermann.py A /issm/trunk-jpl/src/m/classes/levelset.js
A /issm/trunk-jpl/src/m/classes/levelset.m A /issm/trunk-jpl/src/m/classes/levelset.py

M /issm/trunk-jpl/src/m/classes/model.js M /issm/trunk-jpl/src/m/classes/model.m
M /issm/trunk-jpl/src/m/classes/model.py M /issm/trunk-jpl/src/m/enum/EnumDefinitions.js
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/LevelsetReinitFrequency
Export determination: 6.
Rationale: ADD: adding levelset class to model, in which options for levelset method can be stored. The class 'calving' now contains fields specific to the calving law used.

Change #1347 with diff file ISSM-20461-20462.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/LevelsetAnalysis.cpp M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp
M /issm/trunk-jpl/src/c/classes/Elements/Element.h M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp
M /issm/trunk-jpl/src/c/classes/Elements/Penta.h M /issm/trunk-jpl/src/c/classes/Elements/Seg.h
M /issm/trunk-jpl/src/c/classes/Elements/Tetra.h M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp
M /issm/trunk-jpl/src/c/classes/Elements/Tria.h M /issm/trunk-jpl/src/c/classes/FemModel.cpp
M /issm/trunk-jpl/src/c/classes/FemModel.h M /issm/trunk-jpl/src/c/modules/Calvingx/Calvingx.cpp
M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions.h M /issm/trunk-jpl/src/c/shared/Enum/EnumToSt
M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp M /issm/trunk-jpl/src/m/classes/calvingdev.m
D /issm/trunk-jpl/src/m/enum/CalvingPiEnum.m A /issm/trunk-jpl/src/m/enum/CalvingdevCoeffEnum.m
D /issm/trunk-jpl/src/m/enum/CalvingpiCoeffEnum.m D /issm/trunk-jpl/src/m/enum/CalvingpiMeltingrate
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.js M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py
D /issm/trunk-jpl/src/m/enum/TransientIslevelsetEnum.m

Export determination: 6.

Rationale: CHG: removed calvingpi class as it was not working properly

Change #1348 with diff file ISSM-20462-20463.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/DofIndexing.cpp M /issm/trunk-jpl/src/c/classes/DofIndexing.h
M /issm/trunk-jpl/src/c/classes/Loads/Riftfront.cpp M /issm/trunk-jpl/src/c/classes/Node.cpp
M /issm/trunk-jpl/src/c/classes/Node.h M /issm/trunk-jpl/src/c/modules/SetActiveNodesLSMx/SetActiveN

Export determination: 6.

Rationale: BUG: added freeze field to dofindexing, if we run in 2d and not in 3d, it is not the job of SetActiveNodesLSMx to figure out whether it can activate or not a node that is not on the basal layer. The node should know better

Change #1349 with diff file ISSM-20463-20464.diff:

Function name:

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

Export determination: 6.
Rationale: CHG: found a workaround for the incomplete colorbar

Change #1350 with diff file ISSM-20464-20465.diff:
Function name:
M /issm/trunk-jpl/jenkins/macosx_pine-island_static
Export determination: 6.
Rationale: CHG: Updating MacOSX binaries Jenkins build. Static gfortran
and disabled static libs.

Change #1351 with diff file ISSM-20465-20466.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/LevelsetAnalysis.cpp M /issm/trunk-jpl/src/c/shared/Enum/EnumDefinitions
M /issm/trunk-jpl/src/c/shared/Enum/EnumToString.cpp M /issm/trunk-jpl/src/c/shared/Enum/StringToEnum
M /issm/trunk-jpl/src/m/classes/levelset.js M /issm/trunk-jpl/src/m/enum/EnumDefinitions.js
M /issm/trunk-jpl/src/m/enum/EnumDefinitions.py A /issm/trunk-jpl/src/m/enum/SpclevelsetEnum.m
M /issm/trunk-jpl/src/py3/classes/calving.py M /issm/trunk-jpl/src/py3/classes/calvinglevermann.py
M /issm/trunk-jpl/src/py3/enum/EnumDefinitions.py
Export determination: 6.
Rationale: CHG: renaming SpcLevelset to Spclevelset for naming consistency

Change #1352 with diff file ISSM-20466-20467.diff:
Function name:
D /issm/trunk-jpl/src/m/enum/SpcLevelsetEnum.m
Export determination: 6.
Rationale: DEL: SpcLevelsetEnum

Change #1353 with diff file ISSM-20467-20468.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/levelset.m M /issm/trunk-jpl/src/m/classes/levelset.py
Export determination: 6.
Rationale: CHG: do not use NaN for integers

Change #1354 with diff file ISSM-20468-20469.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test806.m M /issm/trunk-jpl/test/NightlyRun/test806.py

M /issm/trunk-jpl/test/NightlyRun/test807.m M /issm/trunk-jpl/test/NightlyRun/test807.py

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

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

Export determination: 6.

Rationale: spclevelset is in md.levelset

Change #1355 with diff file ISSM-20469-20470.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: forgot a couple of elements

Change #1356 with diff file ISSM-20470-20471.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: forgot one FS element: OneLayerP4zEnum

Change #1357 with diff file ISSM-20471-20472.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_mesh.js M /issm/trunk-jpl/src/m/plot/plot_overlay.js

M /issm/trunk-jpl/src/m/plot/plot_quiver.js M /issm/trunk-jpl/src/m/plot/plot_unit.js

M /issm/trunk-jpl/src/m/plot/processmesh.js

Export determination: 6.

Rationale: CHG (javascript): Modifying plot routines to handle NaN values by removing them from draw calls. Tentative fix for bug involving too many recursive concatenations for large models/meshes. Addressing shallow copies affecting model in processmesh.

Change #1358 with diff file ISSM-20472-20473.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_overlay.js

Export determination: 6.

Rationale: CHG (javascript): Stable fix for call stack overflow during index array creation.

Change #1359 with diff file ISSM-20473-20474.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/plot_mesh.js M /issm/trunk-jpl/src/m/plot/plot_overlay.js

M /issm/trunk-jpl/src/m/plot/plot_quiver.js M /issm/trunk-jpl/src/m/plot/plot_unit.js

Export determination: 6.

Rationale: CHG (javascript): Addressing call stack size exceptions by switching from recursive to incremental array buffer creation.

Change #1360 with diff file ISSM-20474-20475.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: need to call HardDeactivated for condensed finite elements otherwise levelset is going to reactivate node in the middle

Change #1361 with diff file ISSM-20475-20476.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive285.nc M /issm/trunk-jpl/test/Archives/Archive455.nc

M /issm/trunk-jpl/test/NightlyRun/test333.m M /issm/trunk-jpl/test/NightlyRun/test333.py

Export determination: 6.

Rationale: CHG: updating archives with P1Bubble and relaxing DC runs

Change #1362 with diff file ISSM-20476-20477.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/GiaAnalysis.cpp

Export determination: 6.

Rationale: CHG: now needs icemask

Change #1363 with diff file ISSM-20477-20478.diff:

Function name:
M /issm/trunk-jpl/test/NightlyRun/test455.m M /issm/trunk-jpl/test/NightlyRun/test455.py
Export determination: 6.
Rationale: CHG: relaxing tolerance

Change #1364 with diff file ISSM-20478-20479.diff:
Function name:
M /issm/trunk-jpl/jenkins/linux64_ross_gia
Export determination: 6.
Rationale: CHG: compile python as well

Change #1365 with diff file ISSM-20479-20480.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: Removing support of Dakota 4

Change #1366 with diff file ISSM-20480-20481.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: BUG: forgot to remove a fi

Change #1367 with diff file ISSM-20481-20482.diff:
Function name:
M /issm/trunk-jpl/jenkins/linux64_ross_se
Export determination: 6.
Rationale: CHG: enable python

Change #1368 with diff file ISSM-20482-20483.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.

Rationale: CHG: removing old echo, removed support for dakota 4 (mac and win) and fixed a Dakota flag

Change #1369 with diff file ISSM-20483-20484.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test422.m M /issm/trunk-jpl/test/NightlyRun/test422.py

Export determination: 6.

Rationale: CHG: relaxing tolerances

Change #1370 with diff file ISSM-20484-20485.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Modifying test101 to include functional issm-binaries

Change #1371 with diff file ISSM-20485-20486.diff:

Function name:

M /issm/trunk-jpl/src/m/plot/webgl.js

Export determination: 6.

Rationale: CHG: Fixing azimuth rotation bug when going below 0 degrees.

Change #1372 with diff file ISSM-20486-20487.diff:

Function name:

M /issm/trunk-jpl/src/m/Makefile.am M /issm/trunk-jpl/src/m/classes/levelset.js

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

Export determination: 6.

Rationale: CHG (JS): minor bug fixes.

Change #1373 with diff file ISSM-20487-20488.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added options when geotiffname is not for Antarctica or Green-

land.

Change #1374 with diff file ISSM-20488-20489.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test403.m M /issm/trunk-jpl/test/NightlyRun/test403.py

Export determination: 6.

Rationale: CHG: Relaxing test403.

Change #1375 with diff file ISSM-20489-20490.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixing memory leak

Change #1376 with diff file ISSM-20490-20491.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: missing some ;

Change #1377 with diff file ISSM-20491-20492.diff:

Function name:

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

jpl/src/wrappers/ContourToNodes/ContourToNodes.cpp M /issm/trunk-jpl/src/wrappers/DistanceToMaskBo

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

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

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

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

M /issm/trunk-jpl/src/wrappers/InterpFromMeshToMesh3d/InterpFromMeshToMesh3d.cpp

M /issm/trunk-jpl/src/wrappers/Ll2xy/Ll2xy.cpp M /issm/trunk-jpl/src/wrappers/M1qn3/M1qn3.cpp

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

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

jpl/src/wrappers/NodeConnectivity/NodeConnectivity.cpp M /issm/trunk-jpl/src/wrappers/PropagateFlagsF

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

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

jpl/src/wrappers/Xy2ll/Xy2ll.cpp
Export determination: 6.
Rationale: BUG: fixing lots of memory leaks

Change #1378 with diff file ISSM-20492-20493.diff:
Function name:
M /issm/trunk-jpl/jenkins/macosx_pine-island_static M /issm/trunk-jpl/package/macosx/package.sh
Export determination: 6.
Rationale: CHG: Modified uploading logic to use public key crypto.

Change #1379 with diff file ISSM-20493-20494.diff:
Function name:
M /issm/trunk-jpl/jenkins/macosx_pine-island_static
Export determination: 6.
Rationale: CHG: Missing blas_lapack package option.

Change #1380 with diff file ISSM-20494-20495.diff:
Function name:
M /issm/trunk-jpl/jenkins/macosx_pine-island_static
Export determination: 6.
Rationale: CHG: Removed tests from this build.