

JPL EXPORT ADMINISTRATION DOCUMENT REVIEW RECORD

Log #: 24307-24683

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

Program: ISSM: Ice Sheet System Model

Person Requesting or Initiating Export: Dr. Eric Larour

Date Received: Apr-1-2020

Document Title/Description: ISSM changes from revision 24307 to revision 24683

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-1-2020

Disposition:

- 1: Public Domain Information (Ref ITAR Section 120.11)
 - 2: Qualifies for ITAR Exemption
 - 3: Covered by Department of State License/Agreement Number
 - 4: Covered by Department of Commerce validated license or exception
 - 5: New License Required
 - 6: Does not contain export-controlled information. May be released/disclosed as requested subject to Company guidelines on protection of proprietary information (if applicable).
 - 7: Other (specify)
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Change #1 with diff file ISSM-24309-24310.diff:

Function name:

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

Export determination: 6.

Rationale: Block revision 24308 from being merged into trunk-jpl

Change #2 with diff file ISSM-24310-24311.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: reverting accidental change

Change #3 with diff file ISSM-24311-24312.diff:

Function name:

M /issm/trunk-jpl M /issm/trunk-jpl/examples/Pig2/runme.m M /issm/trunk-jpl/externalpackages/adjoinablempi/install-macosx64.sh A /issm/trunk-jpl/externalpackages/boost/install-1.55-linux64-static.sh (from /issm/trunk/externalpackages/boost/install-1.55-linux64-static.sh:24310) A /issm/trunk-jpl/externalpackages/boost/install-1.55-macosx-el_capitan-static.sh (from /issm/trunk/externalpackages/boost/install-1.55-macosx-el_capitan-static.sh:24310) A /issm/trunk-jpl/externalpackages/dakota/install-6.2-linux64-static.sh (from /issm/trunk/externalpackages/dakota/install-6.2-linux64-static.sh:24310) A /issm/trunk-jpl/externalpackages/dakota/install-6.2-macosx64-static.sh (from /issm/trunk/externalpackages/dakota/install-6.2-macosx64-static.sh:24310) A /issm/trunk-jpl/jenkins/linux64_ross_dakota_static (from /issm/trunk/jenkins/linux64_ross_dakota_static:24310) R /issm/trunk-jpl/jenkins/linux64_ross_static (from /issm/trunk/jenkins/linux64_ross_static:24310)

M /issm/trunk-jpl/m4/issm_options.m4 M /issm/trunk-jpl/package.sh
M /issm/trunk-jpl/package.sh M /issm/trunk-jpl/package.sh
A /issm/trunk-jpl/package.sh (from /issm/trunk-jpl/package.sh
dakota:24310) M /issm/trunk-jpl/package64.sh
Export determination: 6.
Rationale: merged trunk and trunk-jpl

Change #4 with diff file ISSM-24314-24315.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Modified to pull set release from ISSM server

Change #5 with diff file ISSM-24315-24316.diff:

Function name:

A /issm/trunk-jpl/src/m/qmu/gaussian_pdf.m A /issm/trunk-jpl/src/m/qmu/lognormal_pdf.m

Export determination: 6.

Rationale: CHG: PDF distributions to be used with histogram_bin for Dakota.

Change #6 with diff file ISSM-24316-24317.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test404.m M /issm/trunk-jpl/test/NightlyRun/test404.py

Export determination: 6.

Rationale: CHG: Eased field tolerances

Change #7 with diff file ISSM-24317-24318.diff:

Function name:

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

M /issm/trunk-jpl/jenkins/jenkins.sh M /issm/trunk-jpl/jenkins/linux64_ross_javascript

Export determination: 6.

Rationale: CHG: Disabling Fortran (for now) for JavaScript build.

Change #8 with diff file ISSM-24318-24319.diff:

Function name:

M /issm/trunk-jpl/src/m/parameterization/reinitializelevelset.m

Export determination: 6.

Rationale: BUG: fixed level set initialization for 3d meshes

Change #9 with diff file ISSM-24319-24320.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: check for adaptive time step. Not totally supported yet

Change #10 with diff file ISSM-24320-24321.diff:

Function name:

M /issm/trunk-jpl/src/m/solvers/bcgslbjacobioptions.m

Export determination: 6.

Rationale: CHG: setting the max number iterations

Change #11 with diff file ISSM-24321-24322.diff:

Function name:

M /issm/trunk-jpl/etc/environment.sh A /issm/trunk-jpl/externalpackages/gdal/install-

3.0-macOS_64-netcdf.sh A /issm/trunk-jpl/externalpackages/gdal/install-3.0-macOS_64-

python-netcdf.sh A /issm/trunk-jpl/externalpackages/gdal/install-3.0-macOS_64-

python.sh A /issm/trunk-jpl/externalpackages/gdal/install-3.0-macOS_64.sh M

/issm/trunk-jpl/externalpackages/gmsh/install.sh M /issm/trunk-jpl/externalpackages/gmt/configs/ConfigUse

M /issm/trunk-jpl/externalpackages/gmt/install.sh M /issm/trunk-jpl/externalpackages/gshhg/install.sh

A /issm/trunk-jpl/externalpackages/hdf5/install-1.10-parallel-with_tests.sh A /issm/trunk-

jpl/externalpackages/hdf5/install-1.10-parallel.sh A /issm/trunk-jpl/externalpackages/hdf5/install-

1.10-with_tests.sh A /issm/trunk-jpl/externalpackages/hdf5/install-1.10.sh A /issm/trunk-

jpl/externalpackages/mpich/install-3.3-macOS_64.sh A /issm/trunk-jpl/externalpackages/netcdf/install-

4.7-parallel-with_tests.sh A /issm/trunk-jpl/externalpackages/netcdf/install-4.7-

parallel.sh A /issm/trunk-jpl/externalpackages/netcdf/install-4.7-with_tests.sh

A /issm/trunk-jpl/externalpackages/netcdf/install-4.7.sh A /issm/trunk-jpl/externalpackages/proj

A /issm/trunk-jpl/externalpackages/proj/install-6.2-macOS_64-with_tests.sh A

/issm/trunk-jpl/externalpackages/proj/install-6.2-macOS_64.sh M /issm/trunk-

jpl/externalpackages/sqlite/install.sh M /issm/trunk-jpl/jenkins/jenkins.sh M

/issm/trunk-jpl/jenkins/macosx_pine-island_examples

Export determination: 6.

Rationale: CHG: Installation script changes and others, cleanup in support of macOS Examples build.

Change #12 with diff file ISSM-24322-24323.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross

Export determination: 6.

Rationale: BUG: Updated config

Change #13 with diff file ISSM-24323-24324.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: Moving emsdk/ to install/ rather than creating a sym link

Change #14 with diff file ISSM-24324-24325.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: Latest release of Emscripten fails due to LLVM bug (locking release for now and filing bug report)

Change #15 with diff file ISSM-24325-24326.diff:

Function name:

D /issm/trunk-jpl/externalpackages/gdal/install-3.0-macOS_64-netcdf.sh D /issm/trunk-jpl/externalpackages/gdal/install-3.0-macOS_64-python-netcdf.sh D /issm/trunk-jpl/externalpackages/gdal/install-3.0-macOS_64-python.sh D /issm/trunk-jpl/externalpackages/gdal/install-3.0-macOS_64.sh A /issm/trunk-jpl/externalpackages/gdal/install-3.0-netcdf.sh A /issm/trunk-jpl/externalpackages/gdal/install-3.0-python-netcdf.sh A /issm/trunk-jpl/externalpackages/gdal/install-3.0-python.sh A /issm/trunk-jpl/externalpackages/gdal/install-3.0.sh D /issm/trunk-jpl/externalpackages/proj/install-6.2-macOS_64-with-tests.sh D /issm/trunk-jpl/externalpackages/proj/install-6.2-macOS_64.sh A /issm/trunk-jpl/externalpackages/proj/install-6.2-with-tests.sh A /issm/trunk-jpl/externalpackages/proj/install-6.2.sh M /issm/trunk-jpl/jenkins/linux64_ross M /issm/trunk-jpl/jenkins/linux64_ross_se M /issm/trunk-jpl/jenkins/macosx_pine-island_examples

Export determination: 6.

Rationale: CHG: Generalizing install scripts for use on both Ubuntu and macOS.

Change #16 with diff file ISSM-24326-24327.diff:

Function name:

M /issm/trunk-jpl/jenkins/macosex_pine-island_examples

Export determination: 6.

Rationale: CHG: Generalizing install scripts for use on both Ubuntu and macOS.

Change #17 with diff file ISSM-24327-24328.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross_se

Export determination: 6.

Rationale: BUG: Bad copy/paste

Change #18 with diff file ISSM-24328-24329.diff:

Function name:

M /issm/trunk-jpl/etc/environment.sh A /issm/trunk-jpl/externalpackages/gmt/configs/Linux
A /issm/trunk-jpl/externalpackages/gmt/configs/Linux/cmake A /issm/trunk-
jpl/externalpackages/gmt/configs/Linux/cmake/ConfigUser.cmake A /issm/trunk-
jpl/externalpackages/gmt/install-6.0-Linux.sh A /issm/trunk-jpl/externalpackages/lapack/install-
3.8-Linux.sh D /issm/trunk-jpl/externalpackages/mpich/install-3.3-macOS_64.sh
A /issm/trunk-jpl/externalpackages/mpich/install-3.3.sh A /issm/trunk-jpl/externalpackages/petsc/install-
3.11-Linux.sh D /issm/trunk-jpl/externalpackages/petsc/install-3.11-linux64.sh
A /issm/trunk-jpl/externalpackages/petsc/install-3.11-macOS.sh M /issm/trunk-
jpl/jenkins/linux64_ross M /issm/trunk-jpl/jenkins/linux64_ross_se M /issm/trunk-
jpl/m4/issm_options.m4

Export determination: 6.

Rationale: CHG: Working towards Mac and Linux configurations that more closely reflect one another; updated MPICH and PETSc versions; working on Linux Solid Earth build (still need to resolve tests with set faults, likely due to lack of support for PROJ vs PROJ4).

Change #19 with diff file ISSM-24329-24330.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross M /issm/trunk-jpl/jenkins/linux64_ross_se

Export determination: 6.

Rationale: BUG: Missed Linux-specific install script in configs

Change #20 with diff file ISSM-24330-24331.diff:

Function name:

D /issm/trunk-jpl/externalpackages/gmt/install-6.0-Linux.sh A /issm/trunk-jpl/externalpackages/gmt/install-6.0-linux.sh D /issm/trunk-jpl/externalpackages/lapack/install-3.8-Linux.sh A /issm/trunk-jpl/externalpackages/lapack/install-3.8-linux.sh D /issm/trunk-jpl/externalpackages/petsc/install-3.11-Linux.sh A /issm/trunk-jpl/externalpackages/petsc/install-3.11-linux.sh M /issm/trunk-jpl/jenkins/linux64_ross M /issm/trunk-jpl/jenkins/linux64_ross_se

Export determination: 6.

Rationale: CHG: Naming

Change #21 with diff file ISSM-24331-24332.diff:

Function name:

M /issm/trunk-jpl/externalpackages/mpich/install-3.2-linux64.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.7-linux64.sh M /issm/trunk-jpl/jenkins/linux64_ross M /issm/trunk-jpl/jenkins/linux64_ross_python M /issm/trunk-jpl/jenkins/linux64_ross_se

Export determination: 6.

Rationale: CHG: Will have to wait for upgrade to Ubuntu 18 to use latest versions of MPICH and PETSc (alternatively, gfortran could be upgraded, but we need to update Ubuntu at some point anyhow)

Change #22 with diff file ISSM-24332-24333.diff:

Function name:

M /issm/trunk-jpl/etc/environment.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.7-linux64.sh M /issm/trunk-jpl/jenkins/linux64_ross M /issm/trunk-jpl/jenkins/linux64_ross_python M /issm/trunk-jpl/jenkins/linux64_ross_se

Export determination: 6.

Rationale: CHG: Reverting installation of HDF5/NetCDF via PETSc (will reapply after updating Jenkins nodes to Ubuntu 18)

Change #23 with diff file ISSM-24333-24334.diff:

Function name:

A /issm/trunk-jpl/externalpackages/lapack/install-3.8-mac.sh 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_codi M /issm/trunk-jpl/jenkins/linux64_ross_dakota M /issm/trunk-jpl/jenkins/linux64_ross_gia M /issm/trunk-jpl/jenkins/linux64_ross_iceocean M /issm/trunk-jpl/jenkins/linux64_ross_javascript M /issm/trunk-jpl/jenkins/linux64_ross_python M /issm/trunk-jpl/jenkins/linux64_ross_se M /issm/trunk-jpl/jenkins/macosx_pine-island M /issm/trunk-jpl/jenkins/macosx_pine-island_examples

Export determination: 6.

Rationale: CHG: Just getting Linux builds going again on Jenkins (will finish reformatting later)

Change #24 with diff file ISSM-24334-24335.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: linear transition between lower and upperelevation did not account for uppermelt

Change #25 with diff file ISSM-24335-24336.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/analyses/AdjointBalancethickness2Analysis.cpp M /issm/trunk-jpl/src/c/analyses/AdjointBalancethickness2Analysis.h M /issm/trunk-jpl/src/c/analyses/AdjointBalancethicknessAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/AdjointBalancethicknessAnalysis.h M /issm/trunk-jpl/src/c/analyses/AdjointHorizAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/AdjointHorizAnalysis.h M /issm/trunk-jpl/src/c/analyses/Analysis.h M /issm/trunk-jpl/src/c/analyses/Balancethickness2Analysis.cpp M /issm/trunk-jpl/src/c/analyses/Balancethickness2Analysis.h M /issm/trunk-jpl/src/c/analyses/BalancethicknessAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/BalancethicknessAnalysis.h M /issm/trunk-jpl/src/c/analyses/BalancethicknessSoftAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/BalancethicknessSoftAnalysis.h M /issm/trunk-jpl/src/c/analyses/BalancevelocityAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/BalancevelocityAnalysis.h 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/DepthAverageAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/DepthAverageAnalysis.h M /issm/trunk-jpl/src/c/analyses/EnthalpyAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/EnthalpyAnalysis.h M /issm/trunk-jpl/src/c/analyses/EnumToAnalysis.h M /issm/trunk-jpl/src/c/analyses/EsaAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/EsaAnalysis.h M /issm/trunk-jpl/src/c/analyses/ExtrapolationAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/ExtrapolationAnalysis.h M /issm/trunk-jpl/src/c/analyses/ExtrudeFromBaseAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/ExtrudeFromBaseAnalysis.h M /issm/trunk-jpl/src/c/analyses/ExtrudeFromBaseAnalysis.h M /issm/trunk-jpl/src/c/analyses/ExtrudeFromBaseAnalysis.h

jpl/src/c/analyses/ExtrudeFromTopAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/ExtrudeFromTopAnalysis.h
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 M /issm/trunk-jpl/src/c/analyses/HydrologyDCEfficientAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/HydrologyDCEfficientAnalysis.h M /issm/trunk-jpl/src/c/analyses/HydrologyDCInefficientAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/HydrologyDCInefficientAnalysis.h M /issm/trunk-jpl/src/c/analyses/HydrologyGlaDSAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/HydrologyGlaDSAnalysis.h
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M /issm/trunk-jpl/src/c/classes/Loads/Numericalflux.cpp M /issm/trunk-jpl/src/c/classes/Materials/Material.cpp
M /issm/trunk-jpl/src/c/classes/Materials/Matestar.cpp M /issm/trunk-jpl/src/c/classes/Materials/Matestar.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/Matlitho.h M /issm/trunk-jpl/src/c/classes/Misfit.cpp
M /issm/trunk-jpl/src/c/classes/Params/Parameters.cpp M /issm/trunk-jpl/src/c/classes/Vertices.cpp
M /issm/trunk-jpl/src/c/classes/Vertices.h M /issm/trunk-jpl/src/c/classes/classes.h
M /issm/trunk-jpl/src/c/cores/control_core.cpp M /issm/trunk-jpl/src/c/cores/hydrology_core.cpp
M /issm/trunk-jpl/src/c/cores/masstransport_core.cpp M /issm/trunk-jpl/src/c/cores/sealevelrise_core.cpp
M /issm/trunk-jpl/src/c/cores/thermal_core.cpp M /issm/trunk-jpl/src/c/main/esmfbinders.cpp
M /issm/trunk-jpl/src/c/modules/ConfigureObjectsx/ConfigureObjectsx.cpp M /issm/trunk-jpl/src/c/modules/ConfigureObjectsx/ConfigureObjectsx.h
M /issm/trunk-jpl/src/c/modules/Damagex/Damagex.cpp M /issm/trunk-jpl/src/c/modules/DragCoefficientAbsGradientx/DragCoefficientAbsGradientx.h
M /issm/trunk-jpl/src/c/modules/FloatingiceMeltingRatePicox/FloatingiceMeltingRatePicox.cpp
M /issm/trunk-jpl/src/c/modules/FloatingiceMeltingRatex/FloatingiceMeltingRatex.cpp
M /issm/trunk-jpl/src/c/modules/GetVectorFromControlInputsx/GetVectorFromControlInputsx.cpp
M /issm/trunk-jpl/src/c/modules/GetVectorFromInputsx/GetVectorFromInputsx.cpp
M /issm/trunk-jpl/src/c/modules/InputDuplicatex/InputDuplicatex.cpp M /issm/trunk-jpl/src/c/modules/InputUpdateFromConstantx/InputUpdateFromConstantx.cpp
M /issm/trunk-jpl/src/c/modules/InputUpdateFromConstantx/InputUpdateFromConstantx.h
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Control/UpdateElementsAndMaterialsControl.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateElementsVerticesAndMaterials.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/CreateOutputDefinitions.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Dakota/UpdateElementsAndMaterialsDakota.cpp
M /issm/trunk-jpl/src/c/modules/ModelProcessorx/ModelProcessorx.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/ModelProcessorx.h
M /issm/trunk-jpl/src/c/modules/RheologyBAbsGradientx/RheologyBAbsGradientx.cpp
M /issm/trunk-jpl/src/c/modules/RheologyBbarAbsGradientx/RheologyBbarAbsGradientx.cpp
M /issm/trunk-jpl/src/c/modules/SetActiveNodesLSMx/SetActiveNodesLSMx.cpp
M /issm/trunk-jpl/src/c/modules/SurfaceAbsVelMisfitx/SurfaceAbsVelMisfitx.cpp
M /issm/trunk-jpl/src/c/modules/SurfaceAverageVelMisfitx/SurfaceAverageVelMisfitx.cpp
M /issm/trunk-jpl/src/c/modules/SurfaceLogVelMisfitx/SurfaceLogVelMisfitx.cpp
M /issm/trunk-jpl/src/c/modules/SurfaceLogVxVyMisfitx/SurfaceLogVxVyMisfitx.cpp
M /issm/trunk-jpl/src/c/modules/SurfaceMassBalancex/SurfaceMassBalancex.cpp
M /issm/trunk-jpl/src/c/modules/SurfaceRelVelMisfitx/SurfaceRelVelMisfitx.cpp
M /issm/trunk-jpl/src/c/modules/ThicknessAbsMisfitx/ThicknessAbsMisfitx.cpp
M /issm/trunk-jpl/src/c/modules/ThicknessAcrossGradientx/ThicknessAcrossGradientx.cpp
M /issm/trunk-jpl/src/c/modules/ThicknessAlongGradientx/ThicknessAlongGradientx.cpp
M /issm/trunk-jpl/src/c/shared/Enum/Enum.vim 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: NEW: added Inputs2, TODO: still AMR, GEMB and DC do not work, and need to delete current Inputs

Change #26 with diff file ISSM-24336-24337.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: forgot about GIA...

Change #27 with diff file ISSM-24337-24338.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Loads/Friction.cpp

Export determination: 6.

Rationale: CHG: not needed

Change #28 with diff file ISSM-24338-24339.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/StressbalanceAnalysis.cpp M /issm/trunk-jpl/test/Archives/Archive220.arch M /issm/trunk-jpl/test/Archives/Archive221.arch
M /issm/trunk-jpl/test/Archives/Archive421.arch M /issm/trunk-jpl/test/Archives/Archive422.arch

Export determination: 6.

Rationale: CHG: updating archive with new inputs scheme

Change #29 with diff file ISSM-24339-24340.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Seg.cpp M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp
M /issm/trunk-jpl/test/Archives/Archive701.arch M /issm/trunk-jpl/test/Archives/Archive702.arch

Export determination: 6.

Rationale: CHG: updating archive with new inputs scheme

Change #30 with diff file ISSM-24340-24341.diff:

Function name:

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

M /issm/trunk-jpl/src/c/classes/FemModel.h M /issm/trunk-jpl/src/c/classes/Inputs2/Inputs2.cpp

M /issm/trunk-jpl/src/c/classes/Inputs2/Inputs2.h M /issm/trunk-jpl/test/Archives/Archive306.arch

Export determination: 6.

Rationale: CHG: fixing AMR

Change #31 with diff file ISSM-24341-24342.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: not needed anymore

Change #32 with diff file ISSM-24342-24343.diff:

Function name:

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

M /issm/trunk-jpl/src/c/classes/Inputs2/TransientInput2.cpp

Export determination: 6.

Rationale: CHG: fixed DC

Change #33 with diff file ISSM-24343-24344.diff:

Function name:

M /issm/trunk-jpl/jenkins/macosx_pine-island

Export determination: 6.

Rationale: CHG: removed some packages not needed

Change #34 with diff file ISSM-24344-24345.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/HydrologyDCEfficientAnalysis.cpp 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/classes/Inputs2/BoolInput2.cpp M /issm/trunk-jpl/src/c/classes/Inputs2/Inputs2.cpp

M /issm/trunk-jpl/src/c/classes/Inputs2/Inputs2.h

Export determination: 6.

Rationale: CHG: fixing output of BoolInput

Change #35 with diff file ISSM-24345-24346.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Added transient input

Change #36 with diff file ISSM-24346-24347.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: typo

Change #37 with diff file ISSM-24347-24348.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: typo

Change #38 with diff file ISSM-24348-24349.diff:

Function name:

A /issm/trunk-jpl/externalpackages/lapack/configs/mac A /issm/trunk-jpl/externalpackages/lapack/configs/m

A /issm/trunk-jpl/externalpackages/lapack/configs/mac/3.8/CMakeLists.txt M

/issm/trunk-jpl/externalpackages/lapack/install-3.8-mac.sh M /issm/trunk-jpl/jenkins/macosx_pine-

island M /issm/trunk-jpl/jenkins/macosx_pine-island_examples

Export determination: 6.

Rationale: BUG: LAPACK CMake customization for macOS.

Change #39 with diff file ISSM-24349-24350.diff:

Function name:

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: Gauss point should be provided

Change #40 with diff file ISSM-24350-24351.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: forgot to call test

Change #41 with diff file ISSM-24351-24352.diff:

Function name:

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/Inputs2/TransientInput2.cpp M /issm/trunk-jpl/src/c/classes/Inputs2/TransientInput2.h

Export determination: 6.

Rationale: CHG: working on subimesteps

Change #42 with diff file ISSM-24352-24353.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: implementation of GIA Ivins

Change #43 with diff file ISSM-24353-24354.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: working on Gemb

Change #44 with diff file ISSM-24354-24355.diff:

Function name:

M /issm/trunk-jpl/configure.ac

Export determination: 6.

Rationale: CHG: changing revision number to 4.17

Change #45 with diff file ISSM-24355-24356.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixed a leak

Change #46 with diff file ISSM-24356-24357.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixed a leak

Change #47 with diff file ISSM-24357-24358.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: fixing tria input serve for higher order interpolation

Change #48 with diff file ISSM-24358-24359.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixing Domain3Dsurface

Change #49 with diff file ISSM-24359-24360.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: fixinf SLR

Change #50 with diff file ISSM-24360-24361.diff:

Function name:

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/Inputs2/ArrayInput2.cpp M /issm/trunk-jpl/src/c/classes/Inputs2/ArrayInp
M /issm/trunk-jpl/src/c/classes/Inputs2/Input2.h M /issm/trunk-jpl/src/c/classes/Inputs2/Inputs2.cpp
M /issm/trunk-jpl/src/c/classes/Inputs2/Inputs2.h M /issm/trunk-jpl/src/c/classes/Inputs2/TriaInput2.cpp
M /issm/trunk-jpl/src/c/modules/InputUpdateFromConstantx/InputUpdateFromConstantx.cpp
M /issm/trunk-jpl/src/c/modules/InputUpdateFromConstantx/InputUpdateFromConstantx.h
Export determination: 6.
Rationale: CHG: almost done with Gemb

Change #51 with diff file ISSM-24361-24362.diff:
Function name:
M /issm/trunk-jpl/jenkins/jenkins.sh
Export determination: 6.
Rationale: CHG: Catch MATLAB license (and other) failures

Change #52 with diff file ISSM-24362-24363.diff:
Function name:
M /issm/trunk-jpl/jenkins/jenkins.sh
Export determination: 6.
Rationale: BUG: Catch MATLAB license failure

Change #53 with diff file ISSM-24363-24364.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp
Export determination: 6.
Rationale: CHG: almost done, now size varies...

Change #54 with diff file ISSM-24364-24365.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Inputs2/ArrayInput2.cpp M /issm/trunk-jpl/src/c/classes/Inputs2/ArrayInp
M /issm/trunk-jpl/src/c/classes/Inputs2/Inputs2.cpp
Export determination: 6.
Rationale: CHG: done with GEMB

Change #55 with diff file ISSM-24365-24366.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Inputs2/Inputs2.cpp
Export determination: 6.
Rationale: CHG: minor

Change #56 with diff file ISSM-24366-24367.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp
Export determination: 6.
Rationale: BUG: fixing temporal mean computation

Change #57 with diff file ISSM-24367-24368.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Loads/Friction.cpp
Export determination: 6.
Rationale: CHG: Schoof friction law was not working

Change #58 with diff file ISSM-24368-24369.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/FemModel.cpp
Export determination: 6.
Rationale: NEW: added GL flux to 3d models

Change #59 with diff file ISSM-24369-24370.diff:
Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: CHG: Checking for existence of fblaslapack libs rather than comparing paths (which may be empty) when adding blaslapack libs.

Change #60 with diff file ISSM-24370-24371.diff:

Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: BUG: fixing test on lapack

Change #61 with diff file ISSM-24371-24372.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/MasstransportAnalysis.cpp
Export determination: 6.
Rationale: CHG: fixing AD

Change #62 with diff file ISSM-24372-24373.diff:
Function name:
M /issm/trunk-jpl/externalpackages/dakota/configs/6.2/CMakeLists.txt.petsclibs.patch
M /issm/trunk-jpl/externalpackages/dakota/install-6.2-linux64-static.sh M /issm/trunk-jpl/externalpackages/dakota/install-6.2-linux64.sh
Export determination: 6.
Rationale: BUG: BLAS/LAPACK lib config for Jenkins build (quick fix: will clean up these installation scripts later)

Change #63 with diff file ISSM-24373-24374.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/LevelsetAnalysis.cpp M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp
M /issm/trunk-jpl/src/c/classes/Inputs2/PentaInput2.cpp
Export determination: 6.
Rationale: BUG: fixed problem with calving rate

Change #64 with diff file ISSM-24374-24375.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/MasstransportAnalysis.cpp M /issm/trunk-jpl/src/c/modules/InputUpdateFromConstantx/InputUpdateFromConstantx.cpp
M /issm/trunk-jpl/src/c/modules/InputUpdateFromConstantx/InputUpdateFromConstantx.h
Export determination: 6.
Rationale: BUG: fixing AD, need to create method for PDouble

Change #65 with diff file ISSM-24375-24376.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/Radar.cpp

Export determination: 6.

Rationale: DEL: cleaning up old inputs

Change #66 with diff file ISSM-24376-24377.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/Penta.h

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

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

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

Export determination: 6.

Rationale: CHG: more cleanup

Change #67 with diff file ISSM-24377-24378.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/Materials/Material.h M /issm/trunk-jpl/src/c/classes/Materials/Matestar.cpp

M /issm/trunk-jpl/src/c/classes/Materials/Matestar.h M /issm/trunk-jpl/src/c/classes/Materials/Matice.cpp

M /issm/trunk-jpl/src/c/classes/Materials/Matice.h M /issm/trunk-jpl/src/c/classes/Materials/Matlitho.h

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

Export determination: 6.

Rationale: CHG: cleaning up old inputs

Change #68 with diff file ISSM-24378-24379.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

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

Export determination: 6.

Rationale: CHG: removing inputs from elements

Change #69 with diff file ISSM-24379-24380.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/classes/Cfdragcoeffabsgrad.cpp
M /issm/trunk-jpl/src/c/classes/Cfsurfacelogvel.cpp M /issm/trunk-jpl/src/c/classes/Cfsurfacesquare.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 D /issm/trunk-jpl/src/c/classes/Inputs
M /issm/trunk-jpl/src/c/classes/Inputs2/DatasetInput2.h M /issm/trunk-jpl/src/c/classes/Materials/Matesta
M /issm/trunk-jpl/src/c/classes/Materials/Matrice.cpp M /issm/trunk-jpl/src/c/classes/Misfit.cpp
M /issm/trunk-jpl/src/c/classes/Nodalvalue.cpp M /issm/trunk-jpl/src/c/classes/Radar.cpp
M /issm/trunk-jpl/src/c/classes/classes.h M /issm/trunk-jpl/src/c/datastructures/DataSet.cpp

Export determination: 6.

Rationale: CHG: removing inputs from elements

Change #70 with diff file ISSM-24380-24381.diff:

Function name:

M /issm/trunk-jpl/etc/environment.sh M /issm/trunk-jpl/externalpackages/gdal/install-
3.0-netcdf.sh M /issm/trunk-jpl/externalpackages/gdal/install-3.0-python-netcdf.sh
M /issm/trunk-jpl/externalpackages/gdal/install-3.0-python.sh M /issm/trunk-
jpl/externalpackages/gdal/install-3.0.sh M /issm/trunk-jpl/externalpackages/hdf5/install-
1.10-parallel-with_tests.sh M /issm/trunk-jpl/externalpackages/hdf5/install-1.10-
parallel.sh M /issm/trunk-jpl/externalpackages/hdf5/install-1.10-with_tests.sh
M /issm/trunk-jpl/externalpackages/hdf5/install-1.10.sh M /issm/trunk-jpl/externalpackages/netcdf/install-
4.7-parallel-with_tests.sh M /issm/trunk-jpl/externalpackages/netcdf/install-4.7-
parallel.sh M /issm/trunk-jpl/externalpackages/netcdf/install-4.7-with_tests.sh
M /issm/trunk-jpl/externalpackages/netcdf/install-4.7.sh M /issm/trunk-jpl/jenkins/linux64_ross_se

Export determination: 6.

Rationale: CHG: Fixes for Solid Earth configuration

Change #71 with diff file ISSM-24381-24382.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Using latest version of Emscripten (again; works locally)

Change #72 with diff file ISSM-24382-24383.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross_dakota

Export determination: 6.

Rationale: BUG: Disabling test418.py while debugging it.

Change #73 with diff file ISSM-24383-24384.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross_se

Export determination: 6.

Rationale: BUG: While testing if issue is with non-parallel versions of HDF5/NetCDF,
run tests with only one CPU

Change #74 with diff file ISSM-24384-24385.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test1101.py M /issm/trunk-jpl/test/NightlyRun/test1104.py

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

M /issm/trunk-jpl/test/NightlyRun/test228.py M /issm/trunk-jpl/test/NightlyRun/test230.py

M /issm/trunk-jpl/test/NightlyRun/test234.py M /issm/trunk-jpl/test/NightlyRun/test235.py

M /issm/trunk-jpl/test/NightlyRun/test241.py M /issm/trunk-jpl/test/NightlyRun/test242.py

M /issm/trunk-jpl/test/NightlyRun/test2424.py M /issm/trunk-jpl/test/NightlyRun/test250.py

M /issm/trunk-jpl/test/NightlyRun/test251.py M /issm/trunk-jpl/test/NightlyRun/test333.py

M /issm/trunk-jpl/test/NightlyRun/test336.py M /issm/trunk-jpl/test/NightlyRun/test337.py

M /issm/trunk-jpl/test/NightlyRun/test338.py M /issm/trunk-jpl/test/NightlyRun/test339.py

M /issm/trunk-jpl/test/NightlyRun/test352.py M /issm/trunk-jpl/test/NightlyRun/test353.py

M /issm/trunk-jpl/test/NightlyRun/test354.py

Export determination: 6.

Rationale: CHG: syntax fix

Change #75 with diff file ISSM-24385-24386.diff:

Function name:

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

jpl/src/c/analyses/HydrologyDCEfficientAnalysis.h M /issm/trunk-jpl/src/c/analyses/HydrologyDCInefficient

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

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

jpl/src/m/contrib/defleurian/paraview/exportVTK.py

Export determination: 6.

Rationale: BUG: fix in smb GradComp, and some shuffling in Hydro

Change #76 with diff file ISSM-24386-24387.diff:
Function name:
M /issm/trunk-jpl/test/NightlyRun/test333.py
Export determination: 6.
Rationale: BUG: forgot to remove debug line before commit

Change #77 with diff file ISSM-24387-24388.diff:
Function name:
M /issm/trunk-jpl/src/c/bamg/BamgQuadtree.cpp M /issm/trunk-jpl/src/c/bamg/BamgQuadtree.h
M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp
Export determination: 6.
Rationale: CHG: disconnecting bamg from dataset to speed up compilation

Change #78 with diff file ISSM-24388-24389.diff:
Function name:
M /issm/trunk-jpl/etc/environment.sh M /issm/trunk-jpl/externalpackages/gmt/configs/Linux/cmake/Config
M /issm/trunk-jpl/externalpackages/netcdf/install-4.7-parallel-with_tests.sh M
/issm/trunk-jpl/externalpackages/netcdf/install-4.7-parallel.sh M /issm/trunk-
jpl/jenkins/linux64_ross_se
Export determination: 6.
Rationale: BUG: Testing if parallel HDF5/NetCDF resolve SE issue (works lo-
cally).

Change #79 with diff file ISSM-24389-24390.diff:
Function name:
M /issm/trunk-jpl/jenkins/linux64_ross_se
Export determination: 6.
Rationale: BUG: Testing again with one CPU (this will be a non-issue under
Ubuntu 18)

Change #80 with diff file ISSM-24390-24391.diff:
Function name:
M /issm/trunk-jpl/jenkins/jenkins.sh
Export determination: 6.
Rationale: BUG: Catching another MATLAB license error

Change #81 with diff file ISSM-24391-24392.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: cannot request a Gauss point of order 0

Change #82 with diff file ISSM-24392-24393.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixed extrusion of Schoof law

Change #83 with diff file ISSM-24393-24394.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: more info for METIS

Change #84 with diff file ISSM-24394-24395.diff:

Function name:

A /issm/trunk-jpl/externalpackages/mpich/install-3.2-mac-static.sh A /issm/trunk-jpl/externalpackages/mpich/install-3.2-mac.sh D /issm/trunk-jpl/externalpackages/mpich/install-3.2-macosx64-static.sh D /issm/trunk-jpl/externalpackages/mpich/install-3.2-macosx64.sh

A /issm/trunk-jpl/externalpackages/petsc/install-3.7-mac-static.sh A /issm/trunk-jpl/externalpackages/petsc/install-3.7-mac.sh D /issm/trunk-jpl/externalpackages/petsc/install-3.7-macosx64-static.sh D /issm/trunk-jpl/externalpackages/petsc/install-3.7-macosx64.sh

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_examples M /issm/trunk-jpl/jenkins/macosx_pine-island_static M /issm/trunk-jpl/test/NightlyRun/test124.js

M /issm/trunk-jpl/test/NightlyRun/test124.m M /issm/trunk-jpl/test/NightlyRun/test124.py

Export determination: 6.

Rationale: CHG: Reverting to MPICH 3.2 and PETSc 3.7 for Mac builds; cleanup; eased field tolerance

Change #85 with diff file ISSM-24395-24396.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixing partitioning

Change #86 with diff file ISSM-24396-24397.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/MeshPartitionx/MeshPartitionx.h M /issm/trunk-jpl/src/c/modules/ModelProcessorx/ElementsAndVerticesPartitioning.cpp M /issm/trunk-jpl/src/c/toolkits/metis/patches/METIS_PartMeshNodalPatch.cpp M /issm/trunk-jpl/src/c/toolkits/metis/patches/metispatches.h

Export determination: 6.

Rationale: CHG: simplifying syntax to METIS

Change #87 with diff file ISSM-24397-24398.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixed partitioning now that the header has changed

Change #88 with diff file ISSM-24398-24399.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Element.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/E M /issm/trunk-jpl/src/c/shared/Enum/Enum.vim 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/c/toolkits/metis/patches/METIS_PartMeshNodalPatch.cpp

Export determination: 6.

Rationale: NEW: added intinput as output, Partitioning as a possible requested_output and weights on ice free elements

Change #89 with diff file ISSM-24399-24400.diff:

Function name:

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_examples

Export determination: 6.

Rationale: BUG: Committed with bad copy/paste

Change #90 with diff file ISSM-24400-24401.diff:

Function name:

M /issm/trunk-jpl/jenkins/macosex_pine-island_dakota

Export determination: 6.

Rationale: BUG: Committed with bad copy/paste

Change #91 with diff file ISSM-24401-24402.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross

Export determination: 6.

Rationale: CHG: Testing updated Ubuntu Linux config on new Ubuntu 18 node

Change #92 with diff file ISSM-24402-24403.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross M /issm/trunk-jpl/jenkins/linux64_ross_codi

M /issm/trunk-jpl/jenkins/linux64_ross_iceocean M /issm/trunk-jpl/jenkins/linux64_ross_javascript

Export determination: 6.

Rationale: CHG: Modified configs to test on new Ubuntu Linux node

Change #93 with diff file ISSM-24403-24404.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 M /issm/trunk-jpl/jenkins/linux64_ross_codi

M /issm/trunk-jpl/jenkins/linux64_ross_dakota M /issm/trunk-jpl/jenkins/linux64_ross_dakota_static

M /issm/trunk-jpl/jenkins/linux64_ross_gia M /issm/trunk-jpl/jenkins/linux64_ross_iceocean

M /issm/trunk-jpl/jenkins/linux64_ross_javascript M /issm/trunk-jpl/jenkins/linux64_ross_python

M /issm/trunk-jpl/jenkins/linux64_ross_se M /issm/trunk-jpl/jenkins/linux64_ross_static

D /issm/trunk-jpl/jenkins/linux64_ross_test

Export determination: 6.

Rationale: CHG: Now standardizing Ubuntu Linux builds configs (NOTE: 4 CPUs for testing seems to avoid resource starvation)

Change #94 with diff file ISSM-24404-24405.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Function signature

Change #95 with diff file ISSM-24405-24406.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross_python

Export determination: 6.

Rationale: CHG: Needed to change Fortran version after moving to Ubuntu 18 node

Change #96 with diff file ISSM-24406-24407.diff:

Function name:

M /issm/trunk-jpl/jenkins/linux64_ross_python

Export determination: 6.

Rationale: CHG: Missed MPICH/PETSc install scripts

Change #97 with diff file ISSM-24407-24408.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 M /issm/trunk-jpl/jenkins/linux64_ross_codi

M /issm/trunk-jpl/jenkins/linux64_ross_dakota M /issm/trunk-jpl/jenkins/linux64_ross_dakota_static

M /issm/trunk-jpl/jenkins/linux64_ross_gia M /issm/trunk-jpl/jenkins/linux64_ross_iceocean

M /issm/trunk-jpl/jenkins/linux64_ross_javascript M /issm/trunk-jpl/jenkins/linux64_ross_python

M /issm/trunk-jpl/jenkins/linux64_ross_static

Export determination: 6.

Rationale: CHG: Optimizing number of cores used in tests

Change #98 with diff file ISSM-24408-24409.diff:

Function name:

A /issm/trunk-jpl/jenkins/linux-ross-ubuntu_linux-vm (from /issm/trunk-jpl/jenkins/linux64_ross:24407)

M /issm/trunk-jpl/jenkins/linux64_ross

Export determination: 6.

Rationale: CHG: Adding config to test new node

Change #99 with diff file ISSM-24409-24410.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Updating m4 version for Debian

Change #100 with diff file ISSM-24410-24411.diff:

Function name:

A /issm/trunk-jpl/externalpackages/autotools/install-debian.sh A /issm/trunk-jpl/jenkins/ross-debian_linux-vm

Export determination: 6.

Rationale: CHG: Config for Debian Linux

Change #101 with diff file ISSM-24411-24412.diff:

Function name:

M /issm/trunk-jpl/jenkins/ross-debian_linux-vm

Export determination: 6.

Rationale: CHG: Updated path to fortran

Change #102 with diff file ISSM-24412-24413.diff:

Function name:

A /issm/trunk-jpl/jenkins/ross-debian_linux A /issm/trunk-jpl/jenkins/ross-debian_linux-
adolc-ampioff A /issm/trunk-jpl/jenkins/ross-debian_linux-adolc-ampion A /issm/trunk-
jpl/jenkins/ross-debian_linux-codipack A /issm/trunk-jpl/jenkins/ross-debian_linux-
dakota A /issm/trunk-jpl/jenkins/ross-debian_linux-gia A /issm/trunk-jpl/jenkins/ross-
debian_linux-iceocean A /issm/trunk-jpl/jenkins/ross-debian_linux-javascript A
/issm/trunk-jpl/jenkins/ross-debian_linux-solid_earth

Export determination: 6.

Rationale: CHG: New configs for Debian Linux

Change #103 with diff file ISSM-24413-24414.diff:

Function name:

A /issm/trunk-jpl/jenkins/ross-debian_linux-python (from /issm/trunk-jpl/jenkins/linux64_ross-python:24407)

Export determination: 6.

Rationale: CHG: New configs for Debian Linux

Change #104 with diff file ISSM-24414-24415.diff:

Function name:

M /issm/trunk-jpl/jenkins/ross-debian_linux-python

Export determination: 6.

Rationale: CHG: New configs for Debian Linux

Change #105 with diff file ISSM-24415-24416.diff:

Function name:

M /issm/trunk-jpl/externalpackages/gdal/install-3.0-netcdf.sh M /issm/trunk-jpl/externalpackages/gdal/install-3.0-python-netcdf.sh M /issm/trunk-jpl/jenkins/ross-debian_linux-solid_earth

Export determination: 6.

Rationale: CHG: Adjustments for Solid Earth build now that HDF5/NetCDF are installed via PETSc

Change #106 with diff file ISSM-24416-24417.diff:

Function name:

M /issm/trunk-jpl/externalpackages/gmt/configs/Linux/cmake/ConfigUser.cmake

Export determination: 6.

Rationale: CHG: Updated path to NetCDF

Change #107 with diff file ISSM-24417-24418.diff:

Function name:

M /issm/trunk-jpl/externalpackages/mpich/install-3.3.sh

Export determination: 6.

Rationale: CHG: Removing multithreaded compilation option

Change #108 with diff file ISSM-24418-24419.diff:

Function name:

M /issm/trunk-jpl/etc/environment.sh M /issm/trunk-jpl/externalpackages/mpich/install-3.3.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.11-linux.sh

Export determination: 6.

Rationale: CHG: Minor changes added while fixing MPICH recompilation issue

Change #109 with diff file ISSM-24419-24420.diff:

Function name:

D /issm/trunk-jpl/jenkins/linux-ross-ubuntu_linux-vm D /issm/trunk-jpl/jenkins/ross-debian_linux-vm

Export determination: 6.

Rationale: CHG: Cleanup

Change #110 with diff file ISSM-24420-24421.diff:

Function name:

A /issm/trunk-jpl/externalpackages/petsc/install-3.7-linux.sh (from /issm/trunk-jpl/externalpackages/petsc/install-3.7-linux64.sh:24419) M /issm/trunk-jpl/jenkins/ross-debian_linux M /issm/trunk-jpl/jenkins/ross-debian_linux-adolc-ampioff M /issm/trunk-jpl/jenkins/ross-debian_linux-adolc-ampion M /issm/trunk-jpl/jenkins/ross-debian_linux-python

Export determination: 6.

Rationale: CHG: Using PETSc 3.7 until 3.11 can be debugged

Change #111 with diff file ISSM-24421-24422.diff:

Function name:

A /issm/trunk-jpl/externalpackages/zlib A /issm/trunk-jpl/externalpackages/zlib/install-1.2.sh

Export determination: 6.

Rationale: CHG: Adding lib as an external package until PETSc 3.11 can be debugged

Change #112 with diff file ISSM-24422-24423.diff:
Function name:
D /issm/trunk-jpl/externalpackages/zlib/install-1.2.sh
Export determination: 6.
Rationale: DEL: Committed with bad permissions

Change #113 with diff file ISSM-24423-24424.diff:
Function name:
A /issm/trunk-jpl/externalpackages/zlib/install-1.2.sh
Export determination: 6.
Rationale: ADD: Corrected permissions

Change #114 with diff file ISSM-24424-24425.diff:
Function name:
M /issm/trunk-jpl/externalpackages/netcdf/install-4.7-parallel-with_tests.sh M
/issm/trunk-jpl/externalpackages/netcdf/install-4.7-parallel.sh M /issm/trunk-
jpl/externalpackages/netcdf/install-4.7-with_tests.sh M /issm/trunk-jpl/externalpackages/netcdf/install-
4.7.sh M /issm/trunk-jpl/jenkins/ross-debian_linux-solid_earth
Export determination: 6.
Rationale: CHG: Updated solid earth config to work with PETSc 3.7.

Change #115 with diff file ISSM-24425-24426.diff:
Function name:
M /issm/trunk-jpl/etc/environment.sh
Export determination: 6.
Rationale: BUG: Mistaken commit

Change #116 with diff file ISSM-24426-24427.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp
Export determination: 6.
Rationale: CHG: making InputDepthAverage more efficient

Change #117 with diff file ISSM-24427-24428.diff:

Function name:

M /issm/trunk-jpl/externalpackages/petsc/install-3.7-mac.sh 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_dakota_static M /issm/trunk-jpl/jenkins/macosex_pine-island_examples M /issm/trunk-jpl/jenkins/macosex_pine-island_static

Export determination: 6.

Rationale: CHG: Using system copies of BLAS and LAPACK (works locally)

Change #118 with diff file ISSM-24428-24429.diff:

Function name:

M /issm/trunk-jpl/externalpackages/hdf5/install-1.10-parallel-with_tests.sh M /issm/trunk-jpl/externalpackages/hdf5/install-1.10-parallel.sh M /issm/trunk-jpl/externalpackages/hdf5/install-1.10-with_tests.sh M /issm/trunk-jpl/externalpackages/netcdf/install-4.7-parallel-with_tests.sh M /issm/trunk-jpl/externalpackages/netcdf/install-4.7-parallel.sh M /issm/trunk-jpl/externalpackages/netcdf/install-4.7-with_tests.sh M /issm/trunk-jpl/externalpackages/netcdf/install-4.7.sh M /issm/trunk-jpl/jenkins/ross-debian_linux-solid_earth

Export determination: 6.

Rationale: BUG: Correcting HDF5 and NetCDF dependency on zlib

Change #119 with diff file ISSM-24429-24430.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/ExtrapolationAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/LevelsetAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/LevelsetAnalysis.h M /issm/trunk-jpl/src/c/analyses/MasstransportAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/UzawaPressureAnalysis.cpp

Export determination: 6.

Rationale: CHG: trying to get rid of GetB

Change #120 with diff file ISSM-24430-24431.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixing levelset

Change #121 with diff file ISSM-24431-24432.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/ExtrapolationAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/ExtrapolationAnalysis.h 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/Elements/Element.h M /issm/trunk-jpl/src/c/modules/SystemMatricesx/SystemMatricesx.cpp

Export determination: 6.

Rationale: CHG: trying to speed up the code

Change #122 with diff file ISSM-24432-24433.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/ExtrapolationAnalysis.cpp M /issm/trunk-jpl/src/c/modules/SystemMatricesx/SystemMatricesx.cpp

Export determination: 6.

Rationale: CHG: approximation matters in some cases

Change #123 with diff file ISSM-24433-24434.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/ExtrapolationAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/MasstransportAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/MasstransportAnalysis.h M /issm/trunk-jpl/src/c/modules/SystemMatricesx/SystemMatricesx.cpp

Export determination: 6.

Rationale: CHG: more flexible test

Change #124 with diff file ISSM-24434-24435.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/Penta.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/Tetra.cpp 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: speeding up code by reducing constant allocation of Gauss points

Change #125 with diff file ISSM-24435-24436.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added label.

Change #126 with diff file ISSM-24436-24437.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/qmu/@dakota_method/dakota_method.m M

/issm/trunk-jpl/src/m/classes/qmu/continuous_design.m M /issm/trunk-jpl/src/m/classes/qmu/continuous_s

A /issm/trunk-jpl/src/m/classes/qmu/histogram_bin_uncertain.m M /issm/trunk-

jpl/src/m/classes/qmu/normal_uncertain.m M /issm/trunk-jpl/src/m/classes/qmu/uniform_uncertain.m

Export determination: 6.

Rationale: CHG: added histogram_bin_uncertain variable.

Change #127 with diff file ISSM-24437-24438.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: custom made legend object.

Change #128 with diff file ISSM-24438-24439.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: dealing with histogram_bin variable. Added abscissas, airs_per_variable and counts.

Change #129 with diff file ISSM-24439-24440.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/qmu.m M /issm/trunk-jpl/src/m/qmu/postqmu.m

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

Export determination: 6.

Rationale: CHG: added output option in the qmu class, to output as many outbins as we run samples.

Change #130 with diff file ISSM-24440-24441.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Dakota/IssmParallelDirectApplicInterface.cpp

Export determination: 6.

Rationale: CHG: added current evaluation id in the parameters, so they can be use to output outbin files for each sample run.

Change #131 with diff file ISSM-24441-24442.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: qmu output option added to parameters.

Change #132 with diff file ISSM-24442-24443.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: change strategy to output files for each sample run if qmu output has been requested.

Change #133 with diff file ISSM-24443-24444.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: new function UpdateStericRate

Change #134 with diff file ISSM-24444-24445.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: Missing closing bracket

Change #135 with diff file ISSM-24445-24446.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: inputs -i inputs2

Change #136 with diff file ISSM-24446-24447.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: inputs -i inputs2

Change #137 with diff file ISSM-24447-24448.diff:

Function name:

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

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

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

Export determination: 6.

Rationale: Fixing Eric's mess

Change #138 with diff file ISSM-24448-24449.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixing stuff

Change #139 with diff file ISSM-24449-24450.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/Enum/Enum.vim 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

Export determination: 6.

Rationale: CHG: Synchronized enums

Change #140 with diff file ISSM-24450-24451.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: minor

Change #141 with diff file ISSM-24451-24452.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixing dakota output

Change #142 with diff file ISSM-24452-24453.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: fixing dakota py

Change #143 with diff file ISSM-24453-24454.diff:

Function name:

D /issm/trunk-jpl/externalpackages/gmt/configs/Linux

Export determination: 6.

Rationale: CHG: Cleanup

Change #144 with diff file ISSM-24454-24455.diff:

Function name:

A /issm/trunk-jpl/externalpackages/curl/install-7.67-with_tests.sh (from /issm/trunk-jpl/externalpackages/curl/install-macosx64.sh:24452) A /issm/trunk-jpl/externalpackages/curl/install-7.67.sh (from /issm/trunk-jpl/externalpackages/curl/install-macosx64.sh:24452)

A /issm/trunk-jpl/externalpackages/gdal/configs/1.10 A /issm/trunk-jpl/externalpackages/gdal/configs/1.10/

A /issm/trunk-jpl/externalpackages/gdal/configs/1.10/linux/debian A /issm/trunk-jpl/externalpackages/gdal/configs/1.10/linux/debian/frmts A /issm/trunk-jpl/externalpackages/gdal/configs/1.10/linux/debian/frmts/wms/dataset.cpp
 A /issm/trunk-jpl/externalpackages/gdal/configs/1.10/linux/debian/ogr A /issm/trunk-jpl/externalpackages/gdal/configs/1.10/linux/debian/ogr/ogrsf_frmts A /issm/trunk-jpl/externalpackages/gdal/configs/1.10/linux/debian/ogr/ogrsf_frmts/vfk A /issm/trunk-jpl/externalpackages/gdal/configs/1.10/linux/debian/ogr/ogrsf_frmts/vfk/vfkfeature.cpp
 A /issm/trunk-jpl/externalpackages/gdal/configs/1.10/linux/debian/port A /issm/trunk-jpl/externalpackages/gdal/configs/1.10/linux/debian/port/cplkeywordparser.cpp
 A /issm/trunk-jpl/externalpackages/gdal/install-1.10-debian-netcdf.sh (from /issm/trunk-jpl/externalpackages/gdal/install-3.0-netcdf.sh:24452) M /issm/trunk-jpl/externalpackages/gdal/install-3.0-python-netcdf.sh M /issm/trunk-jpl/externalpackages/gdal/install-3.0.sh D /issm/trunk-jpl/externalpackages/gmt/configs/ConfigUser.cmake-jenkins A /issm/trunk-jpl/externalpackages/gmt/configs/linux (from /issm/trunk-jpl/externalpackages/gmt/configs/Linux:24452)
 A /issm/trunk-jpl/externalpackages/gmt/configs/linux/5.1 A /issm/trunk-jpl/externalpackages/gmt/configs/linux/5.1/cmake/ConfigUser.cmake (from /issm/trunk-jpl/externalpackages/gmt/configs/Linux/cmake:24452) M /issm/trunk-jpl/externalpackages/gmt/configs/linux/5.1/cmake/ConfigUser.cmake A /issm/trunk-jpl/externalpackages/gmt/configs/linux/6.0 A /issm/trunk-jpl/externalpackages/gmt/configs/linux/6.0/cmake/ConfigUser.cmake (from /issm/trunk-jpl/externalpackages/gmt/configs/Linux/cmake:24452) M /issm/trunk-jpl/externalpackages/gmt/configs/linux/6.0/cmake/ConfigUser.cmake D /issm/trunk-jpl/externalpackages/gmt/configs/linux/cmake A /issm/trunk-jpl/externalpackages/gmt/install-5.1-linux.sh (from /issm/trunk-jpl/externalpackages/gmt/install-6.0-linux.sh:24452)
 M /issm/trunk-jpl/externalpackages/gmt/install-6.0-linux.sh M /issm/trunk-jpl/externalpackages/netcdf/install-4.7-parallel-with_tests.sh M /issm/trunk-jpl/externalpackages/netcdf/install-4.7-parallel.sh M /issm/trunk-jpl/externalpackages/netcdf/install-4.7-with_tests.sh
 M /issm/trunk-jpl/externalpackages/netcdf/install-4.7.sh M /issm/trunk-jpl/jenkins/ross-debian_linux-solid_earth
 Export determination: 6.
 Rationale: CHG: Configuration changes for solid earth build

Change #145 with diff file ISSM-24455-24456.diff:

Function name:

A /issm/trunk-jpl/externalpackages/gmt/configs/5.1 A /issm/trunk-jpl/externalpackages/gmt/configs/5.1/linux/cmake A /issm/trunk-jpl/externalpackages/gmt/configs/5.1/linux/cmake/ConfigUser.cmake A /issm/trunk-jpl/externalpackages/gmt/configs/6.0 A /issm/trunk-jpl/externalpackages/gmt/configs/6.0/linux/cmake A /issm/trunk-jpl/externalpackages/gmt/configs/6.0/linux/cmake/ConfigUser.cmake D /issm/trunk-jpl/externalpackages/gmt/configs/linux
 Export determination: 6.
 Rationale: BUG: Committed incorrect directory structure for GMT configs

Change #146 with diff file ISSM-24456-24457.diff:

Function name:

M /issm/trunk-jpl/jenkins/ross-debian-linux-iceocean M /issm/trunk-jpl/test/NightlyRun/test4001.m

M /issm/trunk-jpl/test/NightlyRun/test4002.m M /issm/trunk-jpl/test/NightlyRun/test4003.m

Export determination: 6.

Rationale: CHG: Updated config for ice-ocean build; minor cleanup

Change #147 with diff file ISSM-24457-24458.diff:

Function name:

A /issm/trunk-jpl/src/m/contrib/larour/legendd.m (from /issm/trunk-jpl/src/m/plot/legendd.m:24456)

D /issm/trunk-jpl/src/m/plot/legendd.m

Export determination: 6.

Rationale: CHG: moved to contrib/larour

Change #148 with diff file ISSM-24458-24459.diff:

Function name:

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

island_examples M /issm/trunk-jpl/jenkins/macosex_pine-island_static

Export determination: 6.

Rationale: BUG: jenkins.sh fails when NUMCPUS_RUN is not initialized nor set

Change #149 with diff file ISSM-24459-24460.diff:

Function name:

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

jpl/src/c/classes/IOModel.h M /issm/trunk-jpl/src/c/shared/Bamg/Abs.h M /issm/trunk-

jpl/src/c/shared/Bamg/BigPrimeNumber.h M /issm/trunk-jpl/src/c/shared/Bamg/Exchange.h

M /issm/trunk-jpl/src/c/shared/Bamg/OppositeAngle.h

Export determination: 6.

Rationale: CHG: trying to reduce include files

Change #150 with diff file ISSM-24460-24461.diff:

Function name:

D /issm/trunk-jpl/externalpackages/export_fig/README 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/eps2pdf.m
M /issm/trunk-jpl/externalpackages/export_fig/export_fig.m M /issm/trunk-jpl/externalpackages/export_fig/i
D /issm/trunk-jpl/externalpackages/export_fig/license.txt M /issm/trunk-jpl/externalpackages/export_fig/pdf
M /issm/trunk-jpl/externalpackages/export_fig/pdftops.m M /issm/trunk-jpl/externalpackages/export_fig/prin
M /issm/trunk-jpl/externalpackages/export_fig/print2eps.m M /issm/trunk-jpl/externalpackages/export_fig/u
Export determination: 6.
Rationale: CHG: upgrading exp_rtf

Change #151 with diff file ISSM-24461-24462.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: Recompilation of solid earth build

Change #152 with diff file ISSM-24462-24463.diff:

Function name:

M /issm/trunk-jpl/jenkins/macosx_pine-island M /issm/trunk-jpl/m4/issm_options.m4

Export determination: 6.

Rationale: CHG: Minor cleanup/corrections

Change #153 with diff file ISSM-24463-24464.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: faster output

Change #154 with diff file ISSM-24464-24465.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: VLAs not supported under Visual Studio (should not matter
once switch to MSYS2 is complete)

Change #155 with diff file ISSM-24465-24466.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: load old model partitions, extrude thickness_obs, and include pfe conditions requested by nas

Change #156 with diff file ISSM-24466-24467.diff:

Function name:

M /issm/trunk-jpl/etc/environment.sh A /issm/trunk-jpl/externalpackages/triangle/configs/linux

A /issm/trunk-jpl/externalpackages/triangle/configs/linux/configure.make A /issm/trunk-

jpl/externalpackages/triangle/configs/mac A /issm/trunk-jpl/externalpackages/triangle/configs/mac/configure

M /issm/trunk-jpl/externalpackages/triangle/install-javascript.sh A /issm/trunk-

jpl/externalpackages/triangle/install-linux-static.sh A /issm/trunk-jpl/externalpackages/triangle/install-

linux.sh A /issm/trunk-jpl/externalpackages/triangle/install-mac-static.sh A /issm/trunk-

jpl/externalpackages/triangle/install-mac.sh M /issm/trunk-jpl/m4/issm_options.m4

Export determination: 6.

Rationale: CHG: New config for triangle on Linux/Mac (will not change anything until m4/issm_options.m4 has been updated)

Change #157 with diff file ISSM-24467-24468.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: New config for triangle on Linux/Mac (will not change anything until m4/issm_options.m4 has been updated)

Change #158 with diff file ISSM-24468-24469.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test220.js M /issm/trunk-jpl/test/NightlyRun/test220.m

M /issm/trunk-jpl/test/NightlyRun/test220.py M /issm/trunk-jpl/test/NightlyRun/test221.js

M /issm/trunk-jpl/test/NightlyRun/test221.m M /issm/trunk-jpl/test/NightlyRun/test221.py

Export determination: 6.

Rationale: CHG: Removed check on pressure field

Change #159 with diff file ISSM-24469-24470.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/SealevelriseAnalysis.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/cores/cores.h
M /issm/trunk-jpl/src/c/cores/sealevelrise_core.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/Creator.h
M /issm/trunk-jpl/src/c/shared/Enum/Enum.vim 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/c/shared/io/Marshalling/IoCodeConversions.cpp A /issm/trunk-jpl/src/m/classes/dsl.js A /issm/trunk-jpl/src/m/classes/dsl.m A /issm/trunk-jpl/src/m/classes/dsl.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/classes/slr.m

Export determination: 6.

Rationale: CHG: new dsl class to take care of the dynamic sea level in our sealevelrise_core. We made a new field to the model class to fit the dsl fields. The fields come from the slr steric rates class essentially. We also added GetStericRate and GetDynamicRate to the sea level core, which splits what used to be only the steric rate field.

Change #160 with diff file ISSM-24470-24471.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixed indentation issue.

Change #161 with diff file ISSM-24471-24472.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test2002.m M /issm/trunk-jpl/test/NightlyRun/test2002.py
M /issm/trunk-jpl/test/NightlyRun/test2003.m M /issm/trunk-jpl/test/NightlyRun/test2003.py
M /issm/trunk-jpl/test/NightlyRun/test2010.m M /issm/trunk-jpl/test/NightlyRun/test2010.py

Export determination: 6.

Rationale: CHG: updated to use the new dsl class.

Change #162 with diff file ISSM-24472-24473.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Typo

Change #163 with diff file ISSM-24473-24474.diff:

Function name:

A /issm/trunk-jpl/externalpackages/petsc/install-3.6-simba-intel-mvapich2-2.sh

Export determination: 6.

Rationale: NEW: add petsc/install-3.6-simba-intel-mvapich2-2.sh

Change #164 with diff file ISSM-24474-24475.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added a verification for dsl class in model/loadobj

Change #165 with diff file ISSM-24475-24476.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: path needs to include lib subdirectory

Change #166 with diff file ISSM-24476-24477.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: update old calving

Change #167 with diff file ISSM-24477-24478.diff:

Function name:

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

M /issm/trunk-jpl/src/c/shared/Exceptions/exceptions.h M /issm/trunk-jpl/src/c/shared/io/Print/Print.h

M /issm/trunk-jpl/src/c/shared/io/Print/PrintfFunction.cpp

Export determination: 6.

Rationale: CHG: trying to speed up compilation...

Change #168 with diff file ISSM-24478-24479.diff:

Function name:

A /issm/trunk-jpl/src/m/plot/landsatmap.m A /issm/trunk-jpl/src/m/plot/plot_landsat.m

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

Export determination: 6.

Rationale: CHG: use LIMA(Antarctica) data for background image

Change #169 with diff file ISSM-24479-24480.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/FreeSurfaceBaseAnalysis.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/classes/Elements/Element.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessorx/C

M /issm/trunk-jpl/src/c/shared/Enum/Enum.vim 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/basalforcingspico.m

Export determination: 6.

Rationale: CHG: making overturning C in PICO spatially variable

Change #170 with diff file ISSM-24480-24481.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: wrong computation of basal drag in x and in y directions

Change #171 with diff file ISSM-24481-24482.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/SealevelriseAnalysis.cpp M /issm/trunk-jpl/src/c/classes/Elements/Elemen

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/cores/sealevelrise_core.cpp

M /issm/trunk-jpl/src/c/shared/Enum/Enum.vim 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/dsl.m

Export determination: 6.

Rationale: CHG: took out UpdateStericRate and UpdateDynamicRate methods, not needed anymore. Using new Inputs approach to speed up the retrieval of steric and dynamic sea-level change rates. The global mean steric change rate is now a transient input (P0) instead of a transient parameter. This will allow for future dsl class where we have a multi-model ensemble that dakota can play we at run time!

Change #172 with diff file ISSM-24482-24483.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test2002.m M /issm/trunk-jpl/test/NightlyRun/test2002.py

M /issm/trunk-jpl/test/NightlyRun/test2003.m M /issm/trunk-jpl/test/NightlyRun/test2003.py

M /issm/trunk-jpl/test/NightlyRun/test2010.m M /issm/trunk-jpl/test/NightlyRun/test2010.py

Export determination: 6.

Rationale: CHG: updated dsl fields to be transient inputs.

Change #173 with diff file ISSM-24483-24484.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: allow patches to be read in ModelProcessor

Change #174 with diff file ISSM-24484-24485.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: changing order of estimators - AMR

Change #175 with diff file ISSM-24485-24486.diff:

Function name:

M /issm/trunk-jpl/src/m/contrib/tsantos/mismip/writeNetCDF.m

Export determination: 6.

Rationale: CHG: minor

Change #176 with diff file ISSM-24486-24487.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/EnthalpyAnalysis.cpp
Export determination: 6.
Rationale: CHG: making enthalpy work with HO elements

Change #177 with diff file ISSM-24487-24488.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/EnthalpyAnalysis.cpp M /issm/trunk-jpl/src/c/classes/Elements/Element.c
M /issm/trunk-jpl/src/c/classes/Elements/Penta.cpp
Export determination: 6.
Rationale: CHG: allow results to patch again

Change #178 with diff file ISSM-24488-24489.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Inputs2/PentaInput2.cpp
Export determination: 6.
Rationale: CHG: better print

Change #179 with diff file ISSM-24489-24490.diff:
Function name:
M /issm/trunk-jpl/src/c/analyses/EnthalpyAnalysis.cpp
Export determination: 6.
Rationale: BUG: fixing NR tests

Change #180 with diff file ISSM-24490-24491.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/masstransport_core.cpp
Export determination: 6.
Rationale: CHG: added thickness average method for Discontinuous Galerkin (stabilization in Mass Transport Analysis). Not totally tested, just keeping the code

Change #181 with diff file ISSM-24491-24492.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: changing long to int64_t

Change #182 with diff file ISSM-24492-24493.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: minor

Change #183 with diff file ISSM-24494-24495.diff:

Function name:

M /issm/trunk-jpl/externalpackages/dakota/install-6.2-linux64.sh

Export determination: 6.

Rationale: CHG: fix blas lib path

Change #184 with diff file ISSM-24495-24496.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: adding a verification in adoptions

Change #185 with diff file ISSM-24496-24497.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: moving includes to .cpp, only for AMR with NeoPZ

Change #186 with diff file ISSM-24497-24498.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/generic.m M /issm/trunk-jpl/src/m/classes/clusters/generic.py
Export determination: 6.
Rationale: CHG: LD_PRELOAD commented for valgrind launch script

Change #187 with diff file ISSM-24498-24499.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/FemModel.cpp
Export determination: 6.
Rationale: BUG: fixed memory leak

Change #188 with diff file ISSM-24499-24500.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/AdaptiveMeshRefinement.cpp
Export determination: 6.
Rationale: BUG: fixed a mismatched memory delete

Change #189 with diff file ISSM-24500-24501.diff:
Function name:
M /issm/trunk-jpl/src/wrappers/python/io/FetchPythonData.cpp
Export determination: 6.
Rationale: CHG: Added const qualifier as recommended by user iamparkchan on ISSM forum.

Change #190 with diff file ISSM-24501-24502.diff:
Function name:
M /issm/trunk-jpl/src/wrappers/python/io/FetchPythonData.cpp
Export determination: 6.
Rationale: CHG: fixed syntax

Change #191 with diff file ISSM-24502-24503.diff:
Function name:
M /issm/trunk-jpl/src/wrappers/python/io/FetchPythonData.cpp
Export determination: 6.

Rationale: CHG: One more adjustment based on return type of functions.

Change #192 with diff file ISSM-24503-24504.diff:

Function name:

M /issm/trunk-jpl/src/m/consistency/ismodelselfconsistent.m

Export determination: 6.

Rationale: CHG: transient was missing the sea level consistency checks in the list of analyses!

Change #193 with diff file ISSM-24504-24505.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: CHG: added IsOceanInElement method.

Change #194 with diff file ISSM-24505-24506.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/classes/Elements/Tria.h M /issm/trunk-jpl/src/c/cores/sealevelrise_core.cpp

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

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

M /issm/trunk-jpl/src/m/classes/dsl.m A /issm/trunk-jpl/src/m/classes/dslmme.m

Export determination: 6.

Rationale: CHG: new dslmme class for multi-model ensembles. New bottom pressure capabilities for dsl and dslmme classes.

Change #195 with diff file ISSM-24506-24507.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: minor compiler warning

Change #196 with diff file ISSM-24507-24508.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: array size needs to be set to max array size of output arrays
are corrupted

Change #197 with diff file ISSM-24508-24509.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: minor GEMB cleanup and addition of surplus E warning

Change #198 with diff file ISSM-24509-24510.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: minor spelling

Change #199 with diff file ISSM-24510-24511.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: add detailed verification of dsl.compute_fingerprints

Change #200 with diff file ISSM-24511-24512.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added check before extrude, model needs to have geometry
set

Change #201 with diff file ISSM-24512-24513.diff:

Function name:
M /issm/trunk-jpl/src/m/mesh/ExportGmsh.m A /issm/trunk-jpl/src/m/mesh/ExportXml.m
Export determination: 6.
Rationale: NEW: added ExportXml.m

Change #202 with diff file ISSM-24513-24514.diff:
Function name:
A /issm/trunk-jpl/src/m/contrib/tsantos/mismip/gl_position_static.m
Export determination: 6.
Rationale: CHG: gl pos static

Change #203 with diff file ISSM-24514-24515.diff:
Function name:
M /issm/trunk-jpl/src/m/contrib/tsantos/mismip/gl_position.m
Export determination: 6.
Rationale: CHG: verification

Change #204 with diff file ISSM-24515-24516.diff:
Function name:
M /issm/trunk-jpl/src/m/contrib/tsantos/remesh.m
Export determination: 6.
Rationale: CHG: verification

Change #205 with diff file ISSM-24516-24517.diff:
Function name:
M /issm/trunk-jpl/src/m/contrib/morlighem/modeldata/interpPaolo2015.m
Export determination: 6.
Rationale: CHG: verification

Change #206 with diff file ISSM-24517-24518.diff:
Function name:
M /issm/trunk-jpl/src/m/contrib/morlighem/modeldata/interpMouginotAntTimeSeries1973to2018.m
Export determination: 6.

Rationale: CHG: err as output

Change #207 with diff file ISSM-24518-24519.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixed cmake installation on ronne

Change #208 with diff file ISSM-24519-24520.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: BUG: trying to fix problem in Erics commit

Change #209 with diff file ISSM-24520-24521.diff:

Function name:

A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/CMakeLists.txt.libvars.patch

M /issm/trunk-jpl/externalpackages/dakota/configs/6.2/CMakeLists.txt.petsclibs.patch

A /issm/trunk-jpl/externalpackages/dakota/install-6.2-linux64-petsclibs.sh M /issm/trunk-jpl/externalpackages/dakota/install-6.2-linux64.sh

Export determination: 6.

Rationale: CHG: add install for using petsc blas lapack, rename patch that uses set library variables

Change #210 with diff file ISSM-24521-24522.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/slr.js M /issm/trunk-jpl/src/m/classes/slr.py

Export determination: 6.

Rationale: CHG: Modification to short-circuit

Change #211 with diff file ISSM-24522-24523.diff:

Function name:

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

Export determination: 6.
Rationale: CHG: Modification to short-circuit (missed closing parens)

Change #212 with diff file ISSM-24523-24524.diff:
Function name:
M /issm/trunk-jpl/jenkins/ross-debian_linux-solid_earth
Export determination: 6.
Rationale: CHG: Updating GMT version used (this appears to work locally)

Change #213 with diff file ISSM-24524-24525.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/clusters/stallo.m M /issm/trunk-jpl/src/m/classes/clusters/stallo.py
Export determination: 6.
Rationale: BUG:fix for queue selection on Stallo

Change #214 with diff file ISSM-24525-24526.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/SMBgradientscomponents.m
Export determination: 6.
Rationale: BUG:fix to the checkconsistency

Change #215 with diff file ISSM-24526-24527.diff:
Function name:
M /issm/trunk-jpl/externalpackages/petsc/install-3.7-linux.sh M /issm/trunk-jpl/jenkins/ross-debian_linux-codipack M /issm/trunk-jpl/jenkins/ross-debian_linux-dakota M /issm/trunk-jpl/jenkins/ross-debian_linux-gia
Export determination: 6.
Rationale: CHG: PETSc 3.11 is failing on NetCDF download

Change #216 with diff file ISSM-24527-24528.diff:
Function name:
M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_schurcg.cpp
Export determination: 6.

Rationale: CHG: fixing compilation depending on PETSc version

Change #217 with diff file ISSM-24528-24529.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: minor

Change #218 with diff file ISSM-24529-24530.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixing hydro sub time steps

Change #219 with diff file ISSM-24530-24531.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/SMBgradientscomponents.m M /issm/trunk-jpl/src/m/contrib/defleurian/netCDF/export_netCDF.m

Export determination: 6.

Rationale: BUG:fixing typo

Change #220 with diff file ISSM-24531-24532.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/SealevelriseAnalysis.cpp M /issm/trunk-jpl/src/c/modules/ModelProcessor

Export determination: 6.

Rationale: CHG: moved dsl param to analysis

Change #221 with diff file ISSM-24532-24533.diff:

Function name:

D /issm/trunk-jpl/src/m/classes/qmu/@dakota_method A /issm/trunk-jpl/src/m/classes/qmu/dakota_method (from /issm/trunk-jpl/src/m/classes/qmu/@dakota_method:24531) M /issm/trunk-jpl/src/m/classes/qmu/dakota_method/dakota_method.m

Export determination: 6.
Rationale: CHG: renaming dakota folder to avoid issues with mcc

Change #222 with diff file ISSM-24533-24534.diff:
Function name:
M /issm/trunk-jpl/jenkins/linux64_ross_iceocean
Export determination: 6.
Rationale: CHG: remove test4003 from the list while Dimitris and Helene are working on the coupling

Change #223 with diff file ISSM-24534-24535.diff:
Function name:
M /issm/trunk-jpl/jenkins/linux64_ross_iceocean M /issm/trunk-jpl/jenkins/ross-debian_linux-iceocean
Export determination: 6.
Rationale: CHG: Copied previous changes to Debian Linux build script (linux64_ross* will be removed once changes for binaries have been committed and Wallach_IX has been killed for good)

Change #224 with diff file ISSM-24535-24536.diff:
Function name:
M /issm/trunk-jpl/src/m/plot/colormaps/paraview.m M /issm/trunk-jpl/src/m/plot/manualcb.m
Export determination: 6.
Rationale: CHG: fixed paraview colorbar and added some options to manualcb

Change #225 with diff file ISSM-24536-24537.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/model.m
Export determination: 6.
Rationale: CHG: fixed collapse for spcthickness that may not be set

Change #226 with diff file ISSM-24537-24538.diff:
Function name:

M /issm/trunk-jpl/src/m/classes/qmu/dakota_method/dakota_method.m M /issm/trunk-jpl/src/m/classes/qmu/dakota_method/dmeth_params_write.m M /issm/trunk-jpl/src/m/classes/qmu/response_function.m
Export determination: 6.
Rationale: CHG: minor estetics

Change #227 with diff file ISSM-24538-24539.diff:

Function name:

M /issm/trunk-jpl/src/m/qmu/preqmu.m M /issm/trunk-jpl/src/m/qmu/process_qmu_options.m
M /issm/trunk-jpl/src/m/solve/loadresultsfromcluster.m M /issm/trunk-jpl/src/m/solve/loadresultsfromcluster.m
M /issm/trunk-jpl/src/m/solve/loadresultsfromdisk.m M /issm/trunk-jpl/src/m/solve/solve.m
M /issm/trunk-jpl/src/m/solve/solve.py M /issm/trunk-jpl/src/m/solve/solveiceocean.m

Export determination: 6.

Rationale: CHG: no more qmu directory when running dakota

Change #228 with diff file ISSM-24539-24540.diff:

Function name:

D /issm/trunk-jpl/src/m/qmu/process_qmu_options.m

Export determination: 6.

Rationale: DEL: not used anymore

Change #229 with diff file ISSM-24540-24541.diff:

Function name:

M /issm/trunk-jpl/src/m/qmu/postqmu.m M /issm/trunk-jpl/src/m/qmu/postqmu.py
M /issm/trunk-jpl/src/m/qmu/preqmu.m M /issm/trunk-jpl/src/m/qmu/preqmu.py
M /issm/trunk-jpl/src/m/solve/loadresultsfromdisk.py

Export determination: 6.

Rationale: CHG: fixing python dakota

Change #230 with diff file ISSM-24541-24542.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixing a few things

Change #231 with diff file ISSM-24542-24543.diff:

Function name:

M /issm/trunk-jpl/externalpackages/codipack/install.sh A /issm/trunk-jpl/externalpackages/petsc/install-3.12-pleiades.sh

Export determination: 6.

Rationale: CHG: compiling AD on pfe

Change #232 with diff file ISSM-24543-24544.diff:

Function name:

A /issm/trunk-jpl/src/m/contrib/morlighem/ad

Export determination: 6.

Rationale: CHG: minor

Change #233 with diff file ISSM-24544-24545.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added perturbation

Change #234 with diff file ISSM-24545-24546.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Dont retrieve perturbation_melting_rate in init (maybe add it to base class: basalforcings); added note about consistency between MATLAB and Python versions.

Change #235 with diff file ISSM-24546-24547.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: fixing linearbasalforcings.py

Change #236 with diff file ISSM-24547-24548.diff:

Function name:

A /issm/trunk-jpl/src/m/contrib/morlighem/ad/rescalegradient.m

Export determination: 6.

Rationale: NEW: added rescaling of gradient based on mass matrix

Change #237 with diff file ISSM-24548-24549.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/MasstransportAnalysis.cpp M /issm/trunk-jpl/src/c/shared/Enum/Enum.vim 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

Export determination: 6.

Rationale: CHG: added perturbation to linear melt

Change #238 with diff file ISSM-24549-24550.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added perturbation

Change #239 with diff file ISSM-24550-24551.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: fixing dakota method path in Makefile.am

Change #240 with diff file ISSM-24551-24552.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Loads/Friction.cpp

Export determination: 6.

Rationale: CHG: integrating Josh's commit

Change #241 with diff file ISSM-24552-24553.diff:

Function name:

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

Export determination: 6.

Rationale: CHG added Enthalpy to restart

Change #242 with diff file ISSM-24553-24554.diff:

Function name:

M /issm/trunk-jpl/src/m/extrusion/project2d.m

Export determination: 6.

Rationale: CHG: more flexible handling of projections

Change #243 with diff file ISSM-24554-24555.diff:

Function name:

A /issm/trunk-jpl/src/m/contrib/elmer A /issm/trunk-jpl/src/m/contrib/elmer/readelmermesh.m

Export determination: 6.

Rationale: CHG: added mesh read capability

Change #244 with diff file ISSM-24555-24556.diff:

Function name:

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

Export determination: 6.

Rationale: NEW: deal with edge data

Change #245 with diff file ISSM-24556-24557.diff:

Function name:

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

M /issm/trunk-jpl/src/c/classes/Inputs2/PentaInput2.cpp

Export determination: 6.

Rationale: CHG: working on Josh's model

Change #246 with diff file ISSM-24557-24558.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: added shpdisp3d option.

Change #247 with diff file ISSM-24558-24559.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: do not load coastline file, embedded the coastline data into the routine itself.

Change #248 with diff file ISSM-24559-24560.diff:

Function name:

A /issm/trunk-jpl/src/m/shp/shpconcat.m A /issm/trunk-jpl/src/m/shp/shpdisp3d.m

Export determination: 6.

Rationale: CHG: diverse

Change #249 with diff file ISSM-24560-24561.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixed bug

Change #250 with diff file ISSM-24561-24562.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: done for Josh

Change #251 with diff file ISSM-24562-24563.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/frictionjosh.m M /issm/trunk-jpl/src/m/classes/initialization.m
M /issm/trunk-jpl/src/m/classes/thermal.m
Export determination: 6.
Rationale: CHG: use 'universal' option to check field consistency for Josh's model

Change #252 with diff file ISSM-24563-24564.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive318.arch M /issm/trunk-jpl/test/NightlyRun/test318.m

Export determination: 6.

Rationale: CHG: added one more layer to avoid error message (nbe=nbv)

Change #253 with diff file ISSM-24564-24565.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test318.py

Export determination: 6.

Rationale: CHG: now 5 layers like matlab

Change #254 with diff file ISSM-24565-24566.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/HydrologyDCInefficientAnalysis.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/Inputs2/Inputs2.cpp M /issm/trunk-jpl/src/c/classes/Inputs2/Inputs2.h
M /issm/trunk-jpl/src/c/classes/Inputs2/TransientInput2.cpp M /issm/trunk-jpl/src/c/classes/Inputs2/TransientInput2.h M /issm/trunk-jpl/src/c/cores/hydrology_core.cpp
M /issm/trunk-jpl/src/c/cores/smb_core.cpp M /issm/trunk-jpl/src/m/contrib/defleurian/paraview/exportVT
M /issm/trunk-jpl/src/m/plot/applyoptions.py M /issm/trunk-jpl/src/m/plot/plot_contour.py
M /issm/trunk-jpl/src/m/plot/plot_unit.py M /issm/trunk-jpl/test/NightlyRun/runme.py

Export determination: 6.

Rationale: BUG:fix for the coupling on different time steps

Change #255 with diff file ISSM-24566-24567.diff:

Function name:
M /issm/trunk-jpl/src/c/classes/Inputs2/TransientInput2.cpp
Export determination: 6.
Rationale: BUG: fixing adjoint

Change #256 with diff file ISSM-24567-24568.diff:

Function name:
M /issm/trunk-jpl/src/m/classes/thermal.py M /issm/trunk-jpl/src/m/mesh/roundmesh.py
Export determination: 6.
Rationale: BUG: minor changes to suit my new numpy

Change #257 with diff file ISSM-24568-24569.diff:

Function name:
A /issm/trunk-jpl/test/Archives/Archive247.arch A /issm/trunk-jpl/test/NightlyRun/test247.m
Export determination: 6.
Rationale: CHG: added paleo NR for Josh

Change #258 with diff file ISSM-24569-24570.diff:

Function name:
M /issm/trunk-jpl/src/m/classes/clusters/generic.py M /issm/trunk-jpl/src/m/plot/plot_unit.py
M /issm/trunk-jpl/test/Archives/Archive330.arch A /issm/trunk-jpl/test/Archives/Archive900.arch
A /issm/trunk-jpl/test/Archives/Archive901.arch A /issm/trunk-jpl/test/Archives/Archive902.arch
A /issm/trunk-jpl/test/Archives/Archive903.arch A /issm/trunk-jpl/test/Archives/Archive904.arch
A /issm/trunk-jpl/test/Archives/Archive905.arch M /issm/trunk-jpl/test/NightlyRun/GetIds.py
A /issm/trunk-jpl/test/NightlyRun/test900.m A /issm/trunk-jpl/test/NightlyRun/test900.py
A /issm/trunk-jpl/test/NightlyRun/test901.m A /issm/trunk-jpl/test/NightlyRun/test901.py
A /issm/trunk-jpl/test/NightlyRun/test902.m A /issm/trunk-jpl/test/NightlyRun/test902.py
A /issm/trunk-jpl/test/NightlyRun/test903.m A /issm/trunk-jpl/test/NightlyRun/test903.py
A /issm/trunk-jpl/test/NightlyRun/test904.m A /issm/trunk-jpl/test/NightlyRun/test904.py
A /issm/trunk-jpl/test/NightlyRun/test905.m A /issm/trunk-jpl/test/NightlyRun/test905.py
A /issm/trunk-jpl/test/Par/SquareNoDyn.par A /issm/trunk-jpl/test/Par/SquareNoDyn.py
Export determination: 6.
Rationale: NEW: migrating Hydro tests to 900 (SquareNoDyn geometry) and minor changes

Change #259 with diff file ISSM-24570-24571.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test901.m M /issm/trunk-jpl/test/NightlyRun/test902.m

M /issm/trunk-jpl/test/NightlyRun/test903.m M /issm/trunk-jpl/test/NightlyRun/test904.m

M /issm/trunk-jpl/test/NightlyRun/test905.m

Export determination: 6.

Rationale: BUG:NR fix

Change #260 with diff file ISSM-24571-24572.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: geometry change for test 330

Change #261 with diff file ISSM-24572-24573.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive330.arch

Export determination: 6.

Rationale: CHG: reverting archive

Change #262 with diff file ISSM-24573-24574.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: minor

Change #263 with diff file ISSM-24574-24575.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Strip is a rectangle, Square is not, reverting

Change #264 with diff file ISSM-24575-24576.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test905.m M /issm/trunk-jpl/test/NightlyRun/test905.py

Export determination: 6.

Rationale: CHG: minor problem with double vs int

Change #265 with diff file ISSM-24576-24577.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: minor, make sure ordering between MATLAB and python is consistent, which makes BinRead easier to interpret

Change #266 with diff file ISSM-24577-24578.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: make temperature check universal type

Change #267 with diff file ISSM-24578-24579.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixing DatasetInputCreate

Change #268 with diff file ISSM-24579-24580.diff:

Function name:

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/Tria.cpp M /issm/trunk-jpl/src/c/classes/Inputs2/DatasetInput2.c

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

M /issm/trunk-jpl/test/NightlyRun/test245.m M /issm/trunk-jpl/test/NightlyRun/test245.py

Export determination: 6.

Rationale: CHG: making PDD inputs a dataset instead, as we know its size is

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Change #269 with diff file ISSM-24580-24581.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: minor

Change #270 with diff file ISSM-24581-24582.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: minor

Change #271 with diff file ISSM-24582-24583.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test245.py

Export determination: 6.

Rationale: BUG: no more time

Change #272 with diff file ISSM-24583-24584.diff:

Function name:

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/Penta.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: now assume that we have monthly temps and precip

Change #273 with diff file ISSM-24584-24585.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/Makefile 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 M /issm/trunk-jpl/test/NightlyRun/test247.m

Export determination: 6.

Rationale: CHG: now assume that we have monthly temps and precip

Change #274 with diff file ISSM-24585-24586.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: no more time

Change #275 with diff file ISSM-24586-24587.diff:

Function name:

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/frictiontemp.m

Export determination: 6.

Rationale: CHG: not a time series anymore

Change #276 with diff file ISSM-24587-24588.diff:

Function name:

D /issm/trunk-jpl/test/Archives/Archive330.arch D /issm/trunk-jpl/test/Archives/Archive332.arch

D /issm/trunk-jpl/test/Archives/Archive333.arch D /issm/trunk-jpl/test/Archives/Archive334.arch

D /issm/trunk-jpl/test/Archives/Archive335.arch D /issm/trunk-jpl/test/NightlyRun/test330.m

D /issm/trunk-jpl/test/NightlyRun/test330.py D /issm/trunk-jpl/test/NightlyRun/test332.m

D /issm/trunk-jpl/test/NightlyRun/test332.py D /issm/trunk-jpl/test/NightlyRun/test333.m

D /issm/trunk-jpl/test/NightlyRun/test333.py D /issm/trunk-jpl/test/NightlyRun/test334.m

D /issm/trunk-jpl/test/NightlyRun/test334.py D /issm/trunk-jpl/test/NightlyRun/test335.m

D /issm/trunk-jpl/test/NightlyRun/test335.py

Export determination: 6.

Rationale: CHG: removing hydro NR that are now in 900s

Change #277 with diff file ISSM-24588-24589.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/SMBd18opdd.py M /issm/trunk-jpl/test/NightlyRun/test236.py

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

Export determination: 6.

Rationale: CHG: fixing python tests

Change #278 with diff file ISSM-24589-24590.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: use generic_settings if exists

Change #279 with diff file ISSM-24590-24591.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixing test236.py

Change #280 with diff file ISSM-24591-24592.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: minor

Change #281 with diff file ISSM-24592-24593.diff:

Function name:

D /issm/trunk-jpl/test/NightlyRun/yellowstone.lsf D /issm/trunk-jpl/test/NightlyRun/yellowstone.m

Export determination: 6.

Rationale: CHG: not needed

Change #282 with diff file ISSM-24593-24594.diff:

Function name:

A /issm/trunk-jpl/externalpackages/autotools/install-debian-linux.sh A /issm/trunk-

jpl/externalpackages/boost/configs/1.55/linux A /issm/trunk-jpl/externalpackages/boost/configs/1.55/linux/

A /issm/trunk-jpl/externalpackages/boost/configs/1.55/linux/boost/multi_index

A /issm/trunk-jpl/externalpackages/boost/configs/1.55/linux/boost/multi_index/ordered_index.hpp

A /issm/trunk-jpl/externalpackages/boost/install-1.55-linux-static.sh M /issm/trunk-

jpl/externalpackages/boost/install-1.55-linux.sh A /issm/trunk-jpl/externalpackages/boost/install-

1.72-linux-static.sh A /issm/trunk-jpl/externalpackages/boost/install-1.72-linux.sh
M /issm/trunk-jpl/externalpackages/cmake/install.sh A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/linux/cmake A /issm/trunk-
jpl/externalpackages/dakota/configs/6.2/linux/cmake/BuildDakotaCustom.cmake
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/linux/cmake/DakotaDev.cmake
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/linux/packages A /issm/trunk-
jpl/externalpackages/dakota/configs/6.2/linux/packages/DDACE A /issm/trunk-
jpl/externalpackages/dakota/configs/6.2/linux/packages/DDACE/src A /issm/trunk-
jpl/externalpackages/dakota/configs/6.2/linux/packages/DDACE/src/Analyzer
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/linux/packages/DDACE/src/Analyzer/MainEffectsE
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/linux/packages/pecos A
/issm/trunk-jpl/externalpackages/dakota/configs/6.2/linux/packages/pecos/src
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/linux/packages/pecos/src/pecos_global_defs.hpp
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/linux/packages/surfpack
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/linux/packages/surfpack/src
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/linux/packages/surfpack/src/surfaces
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/linux/packages/surfpack/src/surfaces/nkm
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/linux/packages/surfpack/src/surfaces/nkm/NKM_Kr
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/linux/src A /issm/trunk-
jpl/externalpackages/dakota/configs/6.2/linux/src/DakotaInterface.cpp A /issm/trunk-
jpl/externalpackages/dakota/configs/6.2/linux/src/NonDLocalReliability.cpp A
/issm/trunk-jpl/externalpackages/dakota/configs/6.2/linux/src/NonDSampling.cpp
A /issm/trunk-jpl/externalpackages/dakota/install-6.2-linux-static.sh A /issm/trunk-
jpl/externalpackages/dakota/install-6.2-linux.sh A /issm/trunk-jpl/externalpackages/lapack/install-
3.8-linux-static.sh M /issm/trunk-jpl/externalpackages/lapack/install-3.8-linux.sh
A /issm/trunk-jpl/externalpackages/mpich/install-3.2-static.sh A /issm/trunk-
jpl/externalpackages/mpich/install-3.3-static.sh M /issm/trunk-jpl/externalpackages/mpich/install-
3.3.sh A /issm/trunk-jpl/externalpackages/mumps/configs/5.0 A /issm/trunk-
jpl/externalpackages/mumps/configs/5.0/linux A /issm/trunk-jpl/externalpackages/mumps/configs/5.0/linux/
A /issm/trunk-jpl/externalpackages/mumps/install-5.0-linux-parallel-static.sh A
/issm/trunk-jpl/externalpackages/openblas A /issm/trunk-jpl/externalpackages/openblas/install-
0.3-linux-static.sh A /issm/trunk-jpl/externalpackages/petsc/install-3.7-linux-
static.sh A /issm/trunk-jpl/externalpackages/scalapack A /issm/trunk-jpl/externalpackages/scalapack/configs
A /issm/trunk-jpl/externalpackages/scalapack/configs/2.0 A /issm/trunk-jpl/externalpackages/scalapack/conf
A /issm/trunk-jpl/externalpackages/scalapack/configs/2.0/linux/SLmake.inc.static
A /issm/trunk-jpl/externalpackages/scalapack/install-2.0-linux-static.sh A /issm/trunk-
jpl/externalpackages/scotch/configs A /issm/trunk-jpl/externalpackages/scotch/configs/6.0
A /issm/trunk-jpl/externalpackages/scotch/configs/6.0/linux A /issm/trunk-jpl/externalpackages/scotch/conf
parallel-static A /issm/trunk-jpl/externalpackages/scotch/install-6.0-linux-parallel-
static.sh A /issm/trunk-jpl/externalpackages/triangle/configs/javascript/triangle.h
A /issm/trunk-jpl/externalpackages/triangle/configs/makefile A /issm/trunk-
jpl/externalpackages/triangle/configs/triangle.h A /issm/trunk-jpl/externalpackages/triangle/install-
linux-javascript.sh M /issm/trunk-jpl/jenkins/ross-debian.linux M /issm/trunk-
jpl/jenkins/ross-debian.linux-adolc-ampioff M /issm/trunk-jpl/jenkins/ross-debian.linux-
adolc-ampion A /issm/trunk-jpl/jenkins/ross-debian.linux-binaries A /issm/trunk-
jpl/jenkins/ross-debian.linux-binaries-with_dakota M /issm/trunk-jpl/jenkins/ross-

debian_linux-codipack M /issm/trunk-jpl/jenkins/ross-debian_linux-dakota M
 /issm/trunk-jpl/jenkins/ross-debian_linux-gia M /issm/trunk-jpl/jenkins/ross-
 debian_linux-iceocean M /issm/trunk-jpl/jenkins/ross-debian_linux-javascript M
 /issm/trunk-jpl/jenkins/ross-debian_linux-python M /issm/trunk-jpl/jenkins/ross-
 debian_linux-solid_earth M /issm/trunk-jpl/m4/issm_options.m4 A /issm/trunk-
 jpl/packagers/linux A /issm/trunk-jpl/packagers/linux/package-issm-linux-binaries-
 with_dakota.sh A /issm/trunk-jpl/packagers/linux/package-issm-linux-binaries.sh
 A /issm/trunk-jpl/scripts/devpath.py A /issm/trunk-jpl/scripts/test-issm-linux-
 binaries-with_dakota.sh A /issm/trunk-jpl/scripts/test-issm-linux-binaries.sh M
 /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/cores/dakota_core.cpp
 M /issm/trunk-jpl/src/c/modules/Scotchx/Scotchx.h M /issm/trunk-jpl/src/c/shared/Numerics/constants.h
 M /issm/trunk-jpl/src/c/toolkits/mpi/issmmpi.h M /issm/trunk-jpl/src/m/Makefile.am
 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 A /issm/trunk-jpl/src/m/classes/clusters/generic.s
 M /issm/trunk-jpl/src/m/classes/model.py M /issm/trunk-jpl/src/m/classes/qmu.m
 M /issm/trunk-jpl/src/m/classes/qmu.py M /issm/trunk-jpl/src/m/miscellaneous/normfit_issm.py
 M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am M /issm/trunk-jpl/src/wrappers/python/Makefile.am
 Export determination: 6.
 Rationale: CHG: Added new configurations for Linux binaries, including sup-
 port for Python bindings under Dakota, shipping of dynamic copy of libgfortran;
 external package configurations; cleanup of m4/issm_options.m4, Makefile.ams,
 Jenkins configuration files; addition of Linux binaries packaging and testing
 scripts

Change #283 with diff file ISSM-24594-24595.diff:

Function name:

M /issm/trunk-jpl/externalpackages/triangle/configs/mac/configure.make 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.dakota_static M /issm/trunk-jpl/jenkins/macosx_pine-
 island_examples M /issm/trunk-jpl/jenkins/macosx_pine-island_static
 Export determination: 6.

Rationale: CHG: Updated Triangle configuration for Mac builds

Change #284 with diff file ISSM-24595-24596.diff:

Function name:

D /issm/trunk-jpl/externalpackages/autotools/install-debian-linux.sh
 Export determination: 6.

Rationale: DEL: Need to remove to add correct permissions

Change #285 with diff file ISSM-24596-24597.diff:

Function name:

A /issm/trunk-jpl/externalpackages/autotools/install-debian-linux.sh D /issm/trunk-jpl/externalpackages/autotools/install-debian.sh

Export determination: 6.

Rationale: CHG: Corrected permissions

Change #286 with diff file ISSM-24597-24598.diff:

Function name:

D /issm/trunk-jpl/externalpackages/triangle/install-linux.sh

Export determination: 6.

Rationale: CHG: Correcting permission

Change #287 with diff file ISSM-24598-24599.diff:

Function name:

A /issm/trunk-jpl/externalpackages/triangle/install-linux.sh

Export determination: 6.

Rationale: CHG: Correcting permissions

Change #288 with diff file ISSM-24599-24600.diff:

Function name:

M /issm/trunk-jpl/jenkins/ross-debian_linux-javascript

Export determination: 6.

Rationale: CHG: Updated install script for Triangle

Change #289 with diff file ISSM-24600-24601.diff:

Function name:

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

Export determination: 6.

Rationale: CHG:change in the handling of settings

Change #290 with diff file ISSM-24601-24602.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/generic.py
Export determination: 6.
Rationale: CHG:minor clean up

Change #291 with diff file ISSM-24602-24603.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/clusters/generic.py
Export determination: 6.
Rationale: BUG: fixing some imports

Change #292 with diff file ISSM-24603-24604.diff:
Function name:
M /issm/trunk-jpl/src/m/classes/clusters/generic_static.py
Export determination: 6.
Rationale: CHG: Updated to reflect changes to generic.py

Change #293 with diff file ISSM-24604-24605.diff:
Function name:
M /issm/trunk-jpl/jenkins/macosx_pine-island
Export determination: 6.
Rationale: CHG: Missed commit with correct Triangle install script

Change #294 with diff file ISSM-24605-24606.diff:
Function name:
D /issm/trunk-jpl/externalpackages/triangle/configs/win32 D /issm/trunk-jpl/externalpackages/triangle/confi
A /issm/trunk-jpl/externalpackages/triangle/configs/windows A /issm/trunk-
jpl/externalpackages/triangle/configs/windows/configure.make A /issm/trunk-
jpl/externalpackages/triangle/install-windows.sh M /issm/trunk-jpl/jenkins/windows
Export determination: 6.
Rationale: CHG: Triangle config and install script for Windows build

Change #295 with diff file ISSM-24606-24607.diff:
Function name:

M /issm/trunk-jpl/externalpackages/triangle/configs/linux/configure.make M /issm/trunk-jpl/externalpackages/triangle/configs/mac/configure.make M /issm/trunk-jpl/externalpackages/triangle/configs/windows/configure.make
Export determination: 6.
Rationale: CHG: More Triangle config changes to support Windows build

Change #296 with diff file ISSM-24607-24608.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Correcting ParMETIS linking

Change #297 with diff file ISSM-24608-24609.diff:

Function name:

D /issm/trunk-jpl/externalpackages/triangle/install-mac.sh

Export determination: 6.

Rationale: CHG: Correcting permissions

Change #298 with diff file ISSM-24609-24610.diff:

Function name:

A /issm/trunk-jpl/externalpackages/triangle/install-mac.sh

Export determination: 6.

Rationale: CHG: Correcting permissions

Change #299 with diff file ISSM-24610-24611.diff:

Function name:

M /issm/trunk-jpl/externalpackages/adjoinablempi/install.sh M /issm/trunk-jpl/externalpackages/adolc/install-withamp.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.7-linux.sh

Export determination: 6.

Rationale: CHG: Fixes for ADOL-C build; cleanup

Change #300 with diff file ISSM-24611-24612.diff:

Function name:

M /issm/trunk-jpl/etc/environment.sh A /issm/trunk-jpl/externalpackages/triangle/install-windows-static.sh (from /issm/trunk-jpl/externalpackages/triangle/install-windows.sh:24605)

M /issm/trunk-jpl/externalpackages/triangle/makefile M /issm/trunk-jpl/jenkins/windows

Export determination: 6.

Rationale: CHG: Updated config for Triangle for Windows build

Change #301 with diff file ISSM-24612-24613.diff:

Function name:

M /issm/trunk-jpl/externalpackages/triangle/configs/mac/configure.make M /issm/trunk-jpl/externalpackages/triangle/configs/makefile M /issm/trunk-jpl/externalpackages/triangle/install-mac.sh

Export determination: 6.

Rationale: CHG: Updated config for Triangle for Mac build (was missing install_name)

Change #302 with diff file ISSM-24613-24614.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Updated config for Triangle for Windows build (path issue)

Change #303 with diff file ISSM-24614-24615.diff:

Function name:

M /issm/trunk-jpl/externalpackages/triangle/makefile

Export determination: 6.

Rationale: CHG: Updated config for Triangle for Windows build (missing lib in library name)

Change #304 with diff file ISSM-24615-24616.diff:

Function name:

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

Export determination: 6.

Rationale: temporary fix for solid Earth tests

Change #305 with diff file ISSM-24616-24617.diff:

Function name:

D /issm/trunk-jpl/externalpackages/triangle/install-linux-static.sh D /issm/trunk-jpl/externalpackages/triangle/install-mac-static.sh M /issm/trunk-jpl/externalpackages/triangle/makefile
Export determination: 6.

Rationale: CHG: Final fix for Windows, and removal of other scripts to fix permissions

Change #306 with diff file ISSM-24617-24618.diff:

Function name:

A /issm/trunk-jpl/externalpackages/triangle/install-linux-static.sh A /issm/trunk-jpl/externalpackages/triangle/install-mac-static.sh
Export determination: 6.

Rationale: CHG: Fixing permissions

Change #307 with diff file ISSM-24618-24619.diff:

Function name:

M /issm/trunk-jpl/externalpackages/triangle/configs/makefile
Export determination: 6.

Rationale: CHG: Forgot to change static lib suffix to literal

Change #308 with diff file ISSM-24619-24620.diff:

Function name:

M /issm/trunk-jpl/externalpackages/triangle/configs/makefile
Export determination: 6.

Rationale: CHG: Fix (again) for Windows build

Change #309 with diff file ISSM-24620-24621.diff:

Function name:

M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.

Rationale: CHG: Linker path to Triangle lib for Windows

Change #310 with diff file ISSM-24621-24622.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Translated changes from MATLAB -i Python

Change #311 with diff file ISSM-24622-24623.diff:

Function name:

D /issm/trunk-jpl/externalpackages/triangle/install-javascript.sh D /issm/trunk-jpl/externalpackages/triangle/install-linux64.sh D /issm/trunk-jpl/externalpackages/triangle/install-macosx32.sh D /issm/trunk-jpl/externalpackages/triangle/install-macosx64-snowleopard.sh D /issm/trunk-jpl/externalpackages/triangle/install-macosx64.sh

Export determination: 6.

Rationale: DEL: Cleanup

Change #312 with diff file ISSM-24623-24624.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Loads/Riftfront.cpp M /issm/trunk-jpl/src/c/modules/ConstraintsStatex/Ri

Export determination: 6.

Rationale: CHG: macros not needed anymore

Change #313 with diff file ISSM-24624-24625.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive247.arch M /issm/trunk-jpl/test/NightlyRun/test247.m

Export determination: 6.

Rationale: CHG: use reconstructed field now

Change #314 with diff file ISSM-24625-24626.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test421.m M /issm/trunk-jpl/test/NightlyRun/test421.py

Export determination: 6.

Rationale: CHG: Eased tolerances

Change #315 with diff file ISSM-24626-24627.diff:

Function name:

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/shared/Enum/Enum.vim 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

Export determination: 6.

Rationale: CHG: speeding up SMB model with reconstructed T and P

Change #316 with diff file ISSM-24627-24628.diff:

Function name:

M /issm/trunk-jpl/src/m/contrib/morlighem/ad/rescalegradient.m

Export determination: 6.

Rationale: CHG: keep gradient at 0 where it was 0

Change #317 with diff file ISSM-24628-24629.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: minor

Change #318 with diff file ISSM-24629-24630.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: memory leak

Change #319 with diff file ISSM-24630-24631.diff:

Function name:

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

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

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

jpl/src/c/modules/ConstraintsStatex/RiftConstraintsState.cpp M /issm/trunk-

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

Export determination: 6.

Rationale: CHG: speeding up ConstraintState if no penalties and no rift found

Change #320 with diff file ISSM-24631-24632.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: offset not properly set

Change #321 with diff file ISSM-24632-24633.diff:

Function name:

M /issm/trunk-jpl/etc/environment.sh M /issm/trunk-jpl/externalpackages/dakota/install-

6.2-linux-static.sh M /issm/trunk-jpl/externalpackages/dakota/install-6.2-linux.sh

A /issm/trunk-jpl/externalpackages/petsc/install-3.12-linux-static.sh A /issm/trunk-

jpl/externalpackages/petsc/install-3.12-linux.sh D /issm/trunk-jpl/jenkins/linux64_ross

D /issm/trunk-jpl/jenkins/linux64_ross_ad D /issm/trunk-jpl/jenkins/linux64_ross_ampi

D /issm/trunk-jpl/jenkins/linux64_ross_codi D /issm/trunk-jpl/jenkins/linux64_ross_dakota

D /issm/trunk-jpl/jenkins/linux64_ross_dakota_static D /issm/trunk-jpl/jenkins/linux64_ross_gia

D /issm/trunk-jpl/jenkins/linux64_ross_iceocean D /issm/trunk-jpl/jenkins/linux64_ross_javascript

D /issm/trunk-jpl/jenkins/linux64_ross_python D /issm/trunk-jpl/jenkins/linux64_ross_se

D /issm/trunk-jpl/jenkins/linux64_ross_static M /issm/trunk-jpl/jenkins/ross-

debian_linux M /issm/trunk-jpl/jenkins/ross-debian_linux-adolc-ampioff M /issm/trunk-

jpl/jenkins/ross-debian_linux-adolc-ampion M /issm/trunk-jpl/jenkins/ross-debian_linux-

binaries M /issm/trunk-jpl/jenkins/ross-debian_linux-binaries-with_dakota M /issm/trunk-

jpl/jenkins/ross-debian_linux-codipack M /issm/trunk-jpl/jenkins/ross-debian_linux-

dakota M /issm/trunk-jpl/jenkins/ross-debian_linux-gia M /issm/trunk-jpl/jenkins/ross-

debian_linux-iceocean M /issm/trunk-jpl/jenkins/ross-debian_linux-javascript M

/issm/trunk-jpl/jenkins/ross-debian_linux-python M /issm/trunk-jpl/jenkins/ross-

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

jpl/package/linux/package-issm-linux-binaries-with_dakota.sh M /issm/trunk-

jpl/package/linux/package-issm-linux-binaries.sh

Export determination: 6.

Rationale: CHG: Using PETSc 3.12 for Debian Linux builds; clean up

Change #322 with diff file ISSM-24633-24634.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test328.m M /issm/trunk-jpl/test/NightlyRun/test328.py

Export determination: 6.

Rationale: CHG: Eased tolerances

Change #323 with diff file ISSM-24634-24635.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixing environment.sh if MPI is installed through PETSc

Change #324 with diff file ISSM-24635-24636.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Clean up

Change #325 with diff file ISSM-24636-24637.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive2002.arch M /issm/trunk-jpl/test/Archives/Archive2003.arch

M /issm/trunk-jpl/test/Archives/Archive2010.arch M /issm/trunk-jpl/test/Archives/Archive340.arch

M /issm/trunk-jpl/test/Archives/Archive701.arch M /issm/trunk-jpl/test/Archives/Archive702.arch

Export determination: 6.

Rationale: CHG: Updated archives

Change #326 with diff file ISSM-24637-24638.diff:

Function name:

M /issm/trunk-jpl/etc/environment.sh M /issm/trunk-jpl/externalpackages/petsc/install-

3.11-linux.sh A /issm/trunk-jpl/externalpackages/petsc/install-3.11-mac.sh D

/issm/trunk-jpl/externalpackages/petsc/install-3.11-macOS.sh M /issm/trunk-

jpl/externalpackages/petsc/install-3.12-linux-static.sh M /issm/trunk-jpl/externalpackages/petsc/install-

3.12-linux.sh A /issm/trunk-jpl/externalpackages/petsc/install-3.12-mac.sh M

/issm/trunk-jpl/jenkins/macosx_pine-island

Export determination: 6.

Rationale: CHG: Updated configuration for Mac to use PETSc 3.12

Change #327 with diff file ISSM-24638-24639.diff:

Function name:

M /issm/trunk-jpl/jenkins/macosx_pine-island

Export determination: 6.

Rationale: BUG: Wrong MATLAB version

Change #328 with diff file ISSM-24639-24640.diff:

Function name:

M /issm/trunk-jpl/externalpackages/dakota/install-6.2-linux-static.sh M /issm/trunk-jpl/externalpackages/dakota/install-6.2-linux.sh D /issm/trunk-jpl/externalpackages/dakota/install-6.2-linux64-petsclibs.sh D /issm/trunk-jpl/externalpackages/dakota/install-6.2-linux64-static.sh D /issm/trunk-jpl/externalpackages/dakota/install-6.2-linux64.sh A /issm/trunk-jpl/externalpackages/petsc/install-3.11-linux-static.sh (from /issm/trunk-jpl/externalpackages/petsc/install-3.12-linux-static.sh:24637) A /issm/trunk-jpl/externalpackages/petsc/install-3.11-mac-static.sh (from /issm/trunk-jpl/externalpackages/petsc/install-3.12-linux-static.sh:24637) M /issm/trunk-jpl/externalpackages/petsc/install-3.11-mac.sh M /issm/trunk-jpl/jenkins/jenkins.sh M /issm/trunk-jpl/jenkins/macosx_pine-island M /issm/trunk-jpl/jenkins/ross-debian_linux M /issm/trunk-jpl/jenkins/ross-debian_linux-adolc-ampioff M /issm/trunk-jpl/jenkins/ross-debian_linux-adolc-ampion M /issm/trunk-jpl/jenkins/ross-debian_linux-binaries M /issm/trunk-jpl/jenkins/ross-debian_linux-binaries-with_dakota M /issm/trunk-jpl/jenkins/ross-debian_linux-codipack M /issm/trunk-jpl/jenkins/ross-debian_linux-dakota M /issm/trunk-jpl/jenkins/ross-debian_linux-gia M /issm/trunk-jpl/jenkins/ross-debian_linux-iceocean M /issm/trunk-jpl/jenkins/ross-debian_linux-python M /issm/trunk-jpl/jenkins/ross-debian_linux-solid_earth

Export determination: 6.

Rationale: CHG: Changing to PETSc 3.11 as this works with Dakota 6.2; cleanup

Change #329 with diff file ISSM-24640-24641.diff:

Function name:

M /issm/trunk-jpl/externalpackages/gmt/configs/6.0/linux/cmake/ConfigUser.cmake

Export determination: 6.

Rationale: CHG: Updated GMT config now that BLASLAPACK is being installed again via PETSc

Change #330 with diff file ISSM-24641-24642.diff:

Function name:

M /issm/trunk-jpl/externalpackages/gmsh/install.sh M /issm/trunk-jpl/externalpackages/gmt/configs/6.0/linux/cmake/ConfigUser.cmake M /issm/trunk-jpl/externalpackages/gmt/install-6.0-linux.sh M /issm/trunk-jpl/externalpackages/netcdf/install-4.7.sh A /issm/trunk-jpl/externalpackages/petsc/install-3.11-linux-solid_earth.sh (from /issm/trunk-jpl/externalpackages/petsc/install-3.11-linux.sh:24637) M /issm/trunk-

jpl/externalpackages/petsc/install-3.11-linux.sh M /issm/trunk-jpl/jenkins/ross-debian_linux M /issm/trunk-jpl/jenkins/ross-debian_linux-adolc-ampioff M /issm/trunk-jpl/jenkins/ross-debian_linux-adolc-ampion M /issm/trunk-jpl/jenkins/ross-debian_linux-codipack M /issm/trunk-jpl/jenkins/ross-debian_linux-dakota M /issm/trunk-jpl/jenkins/ross-debian_linux-gia M /issm/trunk-jpl/jenkins/ross-debian_linux-iceocean M /issm/trunk-jpl/jenkins/ross-debian_linux-python M /issm/trunk-jpl/jenkins/ross-debian_linux-solid_earth M /issm/trunk-jpl/test/Archives/Archive2003.arch M /issm/trunk-jpl/test/Archives/Archive2010.arch
Export determination: 6.
Rationale: CHG: Reconfiguration of Solid Earth build; updated archives; changed path to libgfortran for all Linux builds; cleanup

Change #331 with diff file ISSM-24642-24643.diff:
Function name:
M /issm/trunk-jpl/jenkins/jenkins.sh
Export determination: 6.
Rationale: BUG: Reverting grep for Error in matlab_log.log

Change #332 with diff file ISSM-24643-24644.diff:
Function name:
M /issm/trunk-jpl/externalpackages/petsc/install-3.11-linux.sh M /issm/trunk-jpl/jenkins/jenkins.sh
Export determination: 6.
Rationale: CHG: Check for *Warning in Python log; removed optimization flags for PETSc

Change #333 with diff file ISSM-24644-24645.diff:
Function name:
M /issm/trunk-jpl/externalpackages/petsc/install-3.11-linux-solid_earth.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.11-linux-static.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.11-mac-static.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.11-mac.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.12-linux-static.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.12-linux.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.12-mac.sh
Export determination: 6.
Rationale: CHG: Removing optimization flags

Change #334 with diff file ISSM-24645-24646.diff:

Function name:

D /issm/trunk-jpl/jenkins/ross-debian_linux-binaries D /issm/trunk-jpl/jenkins/ross-debian_linux-binaries-with_dakota

Export determination: 6.

Rationale: CHG: Correcting permissions

Change #335 with diff file ISSM-24646-24647.diff:

Function name:

A /issm/trunk-jpl/jenkins/ross-debian_linux-binaries A /issm/trunk-jpl/jenkins/ross-debian_linux-binaries-with_dakota

Export determination: 6.

Rationale: CHG: Correcting permissions

Change #336 with diff file ISSM-24647-24648.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: Removing check for *Warning (would be more helpful if triggered in junit report)

Change #337 with diff file ISSM-24648-24649.diff:

Function name:

A /issm/trunk-jpl/externalpackages/petsc/install-3.12-linux-solid_earth.sh (from /issm/trunk-jpl/externalpackages/petsc/install-3.11-linux-solid_earth.sh:24644)
M /issm/trunk-jpl/jenkins/ross-debian_linux M /issm/trunk-jpl/jenkins/ross-debian_linux-adolc-ampioff M /issm/trunk-jpl/jenkins/ross-debian_linux-adolc-ampion M /issm/trunk-jpl/jenkins/ross-debian_linux-binaries M /issm/trunk-jpl/jenkins/ross-debian_linux-binaries-with_dakota M /issm/trunk-jpl/jenkins/ross-debian_linux-codipack M /issm/trunk-jpl/jenkins/ross-debian_linux-dakota M /issm/trunk-jpl/jenkins/ross-debian_linux-gia M /issm/trunk-jpl/jenkins/ross-debian_linux-iceocean M /issm/trunk-jpl/jenkins/ross-debian_linux-python M /issm/trunk-jpl/jenkins/ross-debian_linux-solid_earth

Export determination: 6.

Rationale: CHG: Switching back to PETSc 3.12 after identifying issue on Dakota and retesting

Change #338 with diff file ISSM-24649-24650.diff:

Function name:

```
M /issm/trunk-jpl/externalpackages/autotools/install-debian-linux.sh M /issm/trunk-jpl/externalpackages/autotools/install.sh A /issm/trunk-jpl/externalpackages/boost/configs/1.55/boost
A /issm/trunk-jpl/externalpackages/boost/configs/1.55/boost/multi_index A /issm/trunk-jpl/externalpackages/boost/configs/1.55/boost/multi_index/ordered_index.hpp D
/issm/trunk-jpl/externalpackages/boost/configs/1.55/linux M /issm/trunk-jpl/externalpackages/boost/install-1.55-linux-static.sh M /issm/trunk-jpl/externalpackages/boost/install-1.55-linux-static.sh
D /issm/trunk-jpl/externalpackages/boost/install-1.55-linux64-static.sh A /issm/trunk-jpl/externalpackages/boost/install-1.55-mac-static.sh A /issm/trunk-jpl/externalpackages/boost/install-1.55-mac-static.sh
D /issm/trunk-jpl/externalpackages/dakota/configs/6.2/linux/packages/DDACE
D /issm/trunk-jpl/externalpackages/dakota/configs/6.2/linux/packages/surfpack
D /issm/trunk-jpl/externalpackages/dakota/configs/6.2/linux/src A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/mac A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/mac/cmake
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/mac/cmake/BuildDakotaCustom.cmake
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/mac/cmake/DakotaDev.cmake
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/mac/packages A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/mac/packages/VPISparseGrid A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/mac/packages/VPISparseGrid/src A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/mac/packages/VPISparseGrid/src/sandia_rules.cpp
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/packages A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/packages/DDACE A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/packages/DDACE/src/Analyzer
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/packages/DDACE/src/Analyzer/MainEffectsExcelOutput A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/packages/surfpack A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/packages/surfpack/src A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/packages/surfpack/src/surfaces A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/packages/surfpack/src/surfaces/nkm A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/packages/surfpack/src/surfaces/nkm/NKM_KrigingModel A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/src A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/src/NonDLocalReliability.cpp
A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/src/NonDSampling.cpp
M /issm/trunk-jpl/externalpackages/dakota/install-6.2-linux-static.sh M /issm/trunk-jpl/externalpackages/dakota/install-6.2-linux-static.sh A /issm/trunk-jpl/externalpackages/dakota/install-6.2-mac-static.sh A /issm/trunk-jpl/externalpackages/dakota/install-6.2-mac-static.sh
A /issm/trunk-jpl/externalpackages/petsc/install-3.12-mac-static.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.12-mac-static.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.12-mac-static.sh
D /issm/trunk-jpl/jenkins/macosx_pine-island D /issm/trunk-jpl/jenkins/macosx_pine-island_dakota_static D /issm/trunk-jpl/jenkins/macosx_pine-island_static A /issm/trunk-jpl/jenkins/pine-island-mac-dakota (from /issm/trunk-jpl/jenkins/macosx_pine-island_dakota:24642) A /issm/trunk-jpl/jenkins/pine-island-mac (from /issm/trunk-jpl/jenkins/macosx_pine-island:24642) A /issm/trunk-jpl/jenkins/pine-island-mac-binaries (from /issm/trunk-jpl/jenkins/macosx_pine-island_static:24642) A /issm/trunk-jpl/jenkins/pine-island-mac-binaries-with-dakota (from /issm/trunk-jpl/jenkins/macosx_pine-island:24642) M /issm/trunk-jpl/jenkins/ross-debian-linux-binaries M /issm/trunk-jpl/jenkins/ross-debian-linux-binaries-with-dakota M /issm/trunk-jpl/m4/issm_options.m4
```

M /issm/trunk-jpl/package-linix/package-issm-linux-binaries-with_dakota.sh
M /issm/trunk-jpl/package-linix/package-issm-linux-binaries.sh A /issm/trunk-jpl/package-mac A /issm/trunk-jpl/package-mac/package-issm-mac-binaries-with_dakota.sh A /issm/trunk-jpl/package-mac/package-issm-mac-binaries.sh
D /issm/trunk-jpl/package-macosx D /issm/trunk-jpl/package-macosx-dakota
D /issm/trunk-jpl/package-ubuntu D /issm/trunk-jpl/package-ubuntu-dakota
Export determination: 6.
Rationale: CHG: Initial commit for all macOS binaries; relevant changes to respective Linux scripts/configs; cleanup

Change #339 with diff file ISSM-24650-24651.diff:

Function name:

D /issm/trunk-jpl/jenkins/pine-island-mac-dakota A /issm/trunk-jpl/jenkins/pine_island-mac-dakota

Export determination: 6.

Rationale: CHG: Initial commit for all macOS binaries; relevant changes to respective Linux scripts/configs; cleanup

Change #340 with diff file ISSM-24651-24652.diff:

Function name:

M /issm/trunk-jpl/jenkins/jenkins.sh M /issm/trunk-jpl/package-linix/package-issm-linux-binaries-with_dakota.sh M /issm/trunk-jpl/package-linix/package-issm-linux-binaries.sh M /issm/trunk-jpl/package-mac/package-issm-mac-binaries-with_dakota.sh M /issm/trunk-jpl/package-mac/package-issm-mac-binaries.sh

Export determination: 6.

Rationale: BUG: Accidentally committed grep for Error in MATLAB log

Change #341 with diff file ISSM-24652-24653.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: fixing PDD Sicopolis for P1DG

Change #342 with diff file ISSM-24653-24654.diff:

Function name:

M /issm/trunk-jpl/etc/environment.sh M /issm/trunk-jpl/externalpackages/boost/install-1.55-linux-static.sh M /issm/trunk-jpl/externalpackages/boost/install-1.55-linux.sh
M /issm/trunk-jpl/externalpackages/boost/install-1.55-mac-static.sh M /issm/trunk-jpl/externalpackages/boost/install-1.55-mac.sh A /issm/trunk-jpl/externalpackages/dakota/configs/6.2/mac/c
M /issm/trunk-jpl/externalpackages/dakota/install-6.2-mac.sh M /issm/trunk-jpl/src/c/Makefile.am
Export determination: 6.
Rationale: CHG: Support for shared libraries in Boost and Dakota.

Change #343 with diff file ISSM-24654-24655.diff:

Function name:

M /issm/trunk-jpl/etc/environment.sh M /issm/trunk-jpl/externalpackages/dakota/install-6.2-mac.sh M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am M /issm/trunk-jpl/src/wrappers/python/Makefile.am

Export determination: 6.

Rationale: CHG: Support for shared libraries in Boost and Dakota.

Change #344 with diff file ISSM-24655-24656.diff:

Function name:

M /issm/trunk-jpl/externalpackages/dakota/install-6.2-mac.sh

Export determination: 6.

Rationale: CHG: Support for shared libraries in Boost and Dakota.

Change #345 with diff file ISSM-24656-24657.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp M /issm/trunk-jpl/src/c/classes/FemModel.cpp
M /issm/trunk-jpl/src/c/classes/Inputs2/TransientInput2.cpp M /issm/trunk-jpl/src/c/cores/smb.core.cpp

Export determination: 6.

Rationale: BUG:issue with large times in transient input

Change #346 with diff file ISSM-24657-24658.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/clusters/stallo.m M /issm/trunk-jpl/src/m/classes/clusters/stallo.py
M /issm/trunk-jpl/src/m/io/loadvars.py

Export determination: 6.
Rationale: BUG:fix on SLURM keyword and treatment of masked array in import from netCDF

Change #347 with diff file ISSM-24658-24659.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Elements/Tria.cpp
Export determination: 6.
Rationale: BUG: adding an assert that should not have been removed

Change #348 with diff file ISSM-24659-24660.diff:
Function name:
M /issm/trunk-jpl/src/c/classes/Inputs2/TransientInput2.cpp
Export determination: 6.
Rationale: BUG: abs to fabs

Change #349 with diff file ISSM-24660-24661.diff:
Function name:
D /issm/trunk-jpl/jenkins/macosex_pine-island_dakota M /issm/trunk-jpl/jenkins/pine_island-mac-dakota
Export determination: 6.
Rationale: CHG: Attempting to avoid seg fault on launch of MATLAB by testing with one CPU

Change #350 with diff file ISSM-24661-24662.diff:
Function name:
M /issm/trunk-jpl/jenkins/pine_island-mac-dakota
Export determination: 6.
Rationale: CHG: Reverting changes to number of CPUs for testing (Pine Island needed a reboot)

Change #351 with diff file ISSM-24662-24663.diff:
Function name:

M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am M /issm/trunk-jpl/src/wrappers/python/Makefile.am
Export determination: 6.
Rationale: BUG: Set fault on launch of MATLAB during testing (not happening locally, only on Pine Island)

Change #352 with diff file ISSM-24663-24664.diff:

Function name:

A /issm/trunk-jpl/externalpackages/boost/install-1.72-mac.sh M /issm/trunk-jpl/externalpackages/dakota/install-6.2-mac.sh M /issm/trunk-jpl/jenkins/pine_island-mac-dakota M /issm/trunk-jpl/m4/issm_options.m4

Export determination: 6.

Rationale: BUG: Attempting to fix seg fault on launch of MATLAB during testing (not happening locally, only on Pine Island)

Change #353 with diff file ISSM-24664-24665.diff:

Function name:

M /issm/trunk-jpl/jenkins/pine_island-mac-dakota

Export determination: 6.

Rationale: BUG: Trying MATLAB R2018b (last version supported on El Capitan)

Change #354 with diff file ISSM-24665-24666.diff:

Function name:

A /issm/trunk-jpl/externalpackages/boost/install-1.72-mac-static.sh (from /issm/trunk-jpl/externalpackages/boost/install-1.72-mac.sh:24663) M /issm/trunk-jpl/externalpackages/dakota/install-6.2-mac-static.sh M /issm/trunk-jpl/jenkins/pine_island-mac M /issm/trunk-jpl/jenkins/pine_island-mac-binaries M /issm/trunk-jpl/jenkins/pine_island-mac-binaries-with_dakota M /issm/trunk-jpl/jenkins/pine_island-mac-dakota

Export determination: 6.

Rationale: CHG: Shifting to Boost 1.72 for all Mac builds; modifying excluded tests for Dakota

Change #355 with diff file ISSM-24666-24667.diff:

Function name:

M /issm/trunk-jpl/src/c/analyses/EnthalpyAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/HydrologyGlaDSA

M /issm/trunk-jpl/src/c/analyses/StressbalanceAnalysis.cpp M /issm/trunk-jpl/src/c/analyses/ThermalAnalysis.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/EnumToSt
M /issm/trunk-jpl/src/c/shared/Enum/StringToEnumx.cpp 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/frictionhydro.m
M /issm/trunk-jpl/src/m/classes/frictionjosh.m M /issm/trunk-jpl/src/m/classes/frictionschoof.m
M /issm/trunk-jpl/src/m/classes/frictiontemp.m M /issm/trunk-jpl/src/m/classes/frictiontsai.m
Export determination: 6.
Rationale: CHG: add a limit for effective pressure

Change #356 with diff file ISSM-24667-24668.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/friction.py M /issm/trunk-jpl/src/m/classes/frictioncoulomb.py
M /issm/trunk-jpl/src/m/classes/frictionhydro.py
Export determination: 6.
Rationale: CHG: missing python files

Change #357 with diff file ISSM-24668-24669.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Loads/Friction.cpp M /issm/trunk-jpl/src/m/classes/friction.py
M /issm/trunk-jpl/src/m/classes/frictioncoulomb.py M /issm/trunk-jpl/src/m/classes/frictionhydro.py
M /issm/trunk-jpl/src/m/classes/frictionweertman.py
Export determination: 6.
Rationale: BUG: fix in NeffLim and py syntax

Change #358 with diff file ISSM-24669-24670.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Loads/Friction.cpp
Export determination: 6.
Rationale: BUG:fix on case

Change #359 with diff file ISSM-24670-24671.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/frictioncoulomb.py
Export determination: 6.

Rationale: BUG: fixing syntax

Change #360 with diff file ISSM-24671-24672.diff:

Function name:

A /issm/trunk-jpl/test/Archives/Archive480.arch A /issm/trunk-jpl/test/Archives/Archive481.arch

A /issm/trunk-jpl/test/NightlyRun/test480.m A /issm/trunk-jpl/test/NightlyRun/test481.m

Export determination: 6.

Rationale: NEW: added test for Tsai and Schoof

Change #361 with diff file ISSM-24672-24673.diff:

Function name:

M /issm/trunk-jpl/src/m/extrusion/project2d.py

Export determination: 6.

Rationale: BUG:fix to the extrusion of timeseries

Change #362 with diff file ISSM-24673-24674.diff:

Function name:

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

Export determination: 6.

Rationale: CHG: no need to define (and allocate) B

Change #363 with diff file ISSM-24674-24675.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: Syntax if Python 3 is being used.

Change #364 with diff file ISSM-24675-24676.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: Quoting

Change #365 with diff file ISSM-24676-24677.diff:

Function name:

M /issm/trunk-jpl/externalpackages/boost/install-1.72-mac-static.sh M /issm/trunk-jpl/externalpackages/dakota/install-6.2-mac-static.sh M /issm/trunk-jpl/externalpackages/dakota/install-6.2-mac.sh M /issm/trunk-jpl/externalpackages/petsc/install-3.12-mac-static.sh M /issm/trunk-jpl/jenkins/pine_island-mac M /issm/trunk-jpl/jenkins/pine_island-mac-binaries M /issm/trunk-jpl/jenkins/pine_island-mac-binaries-with_dakota M /issm/trunk-jpl/jenkins/pine_island-mac-dakota M /issm/trunk-jpl/packageagers/linux/package-issm-linux-binaries-with_dakota.sh M /issm/trunk-jpl/packageagers/mac/package-issm-mac-binaries-with_dakota.sh M /issm/trunk-jpl/packageagers/mac/package-issm-mac-binaries.sh M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/wrappers/matlab/Makefile.am M /issm/trunk-jpl/src/wrappers/python/Makefile.am

Export determination: 6.

Rationale: CHG: Support for Mac binaries

Change #366 with diff file ISSM-24677-24678.diff:

Function name:

M /issm/trunk-jpl/jenkins/pine_island-mac-dakota M /issm/trunk-jpl/packageagers/mac/package-issm-mac-binaries-with_dakota.sh

Export determination: 6.

Rationale: CHG: Reverting test exclusions

Change #367 with diff file ISSM-24678-24679.diff:

Function name:

M /issm/trunk-jpl/jenkins/pine_island-mac-dakota

Export determination: 6.

Rationale: BUG: Bad copy and paste

Change #368 with diff file ISSM-24679-24680.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/SystemMatricesx/SystemMatricesx.cpp M /issm/trunk-jpl/src/c/modules/SystemMatricesx/SystemMatricesx.h M /issm/trunk-jpl/src/c/solutionsequences/solutionsequences.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmAbsMat.h M /issm/trunk-jpl/src/c/toolkits/issm/IssmMat.h M /issm/trunk-jpl/src/c/toolkits/objects/Matrix.h M /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscMat.h M /issm/trunk-jpl/src/c/toolkits/petsc/objects/PetscMat.h

Export determination: 6.

Rationale: NEW: reusing allocated matrices in solutionsequence_nonlinear

Change #369 with diff file ISSM-24680-24681.diff:

Function name:

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

Export determination: 6.

Rationale: BUG: problem with rifts activating penalties, they need to reallocate every time

Change #370 with diff file ISSM-24681-24682.diff:

Function name:

M /issm/trunk-jpl/src/c/classes/Nodes.cpp M /issm/trunk-jpl/src/c/solutionsequences/solutionsequence_nonl

Export determination: 6.

Rationale: BUG: fixing memory leak

Change #371 with diff file ISSM-24682-24683.diff:

Function name:

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

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

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

Export determination: 6.

Rationale: NEW: implemented SetZeroEntry to all matrices types