





 Status

 Changes

 Console Output

 View as plain text

 Edit Build Information

 Git Build Data

 Open Blue Ocean Homepage

 Restart from Stage

 Replay

 Pipeline Steps

 Workspaces

Console Output

Skipping 742 KB.. [Full Log](#)

```
++ ACLOCAL_PATH=/usr/share/aclocal:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/cmake-3.23.1-e62avuy/share/aclocal
++ export ACLOCAL_PATH
++ ACL_BOARD_VENDOR_PATH=/opt/Intel/OpenCLFPGA/oneAPI/Boards
++ export ACL_BOARD_VENDOR_PATH
++ BACIO_INC4=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/bacio-2.4.1-evjfqgh/include_4
++ export BACIO_INC4
```

```
++ BACIO_INC8=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/bacio-2.4.1-evjfqgh/include_8
++ export BACIO_INC8
++ BACIO_LIB4=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/bacio-2.4.1-evjfqgh/lib/libbacio_4.a
++ export BACIO_LIB4
++ BACIO_LIB8=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/bacio-2.4.1-evjfqgh/lib/libbacio_8.a
++ export BACIO_LIB8
++ BOOST_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/boost-1.78.0-yhyqk4b
++ export BOOST_ROOT
++ CC=mpiicc
++ export CC
++ CLASSPATH=/apps/oneapi/mpi/2021.5.1/lib/mpi.jar
++ export CLASSPATH
++ CMAKE_PREFIX_PATH=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/ecmwf-atlas-0.32.1-
izj6l7r:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/ectrans-1.2.0-2yrvnsc:/scratch1/NCEPDEV/nems/role.epic/spack-
stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/flat-1.1.0-
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env/install/intel/2021.5.0/fckit-0.10.0-kdq4m45:/scratch1/NCEPDEV/nems/role.epic/spack-
stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/fftw-3.3.10-
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env/install/intel/2021.5.0/eckit-1.20.2-3cx4lx2:/scratch1/NCEPDEV/nems/role.epic/spack-
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env/install/intel/2021.5.0/boost-1.78.0-yhyqk4b:/scratch1/NCEPDEV/nems/role.epic/spack-
stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/ufs-pyenv-1.0.0-
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env/install/intel/2021.5.0/py-pyyaml-6.0-fsqugev:/scratch1/NCEPDEV/nems/role.epic/spack-
stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/py-pandas-1.4.0-
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stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/py-numexpr-2.8.3-
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env/install/intel/2021.5.0/py-packaging-21.3-
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```

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v5xikqr:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/py-cftime-1.0.3.4-

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7zh44la:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/esmf-8.3.0b09-2c5opj3:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/parallel-io-2.5.9-

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```
env/install/intel/2021.5.0/parallel-netcdf-1.12.2-
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env/install/intel/2021.5.0/netcdf-c-4.9.2-
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stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/hdf5-1.14.0-
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stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/zlib-1.2.13-
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env/install/intel/2021.5.0/jasper-2.0.32-q4aiygj:/scratch1/NCEPDEV/nems/role.epic/spack-
stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/libjpeg-turbo-2.1.0-
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env/install/intel/2021.5.0/ecbuild-3.6.5-nposon6:/scratch1/NCEPDEV/nems/role.epic/spack-
stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/cmake-3.23.1-
e62avuy:/scratch1/NCEPDEV/jcsda/jedipara/spack-stack/miniconda-
3.9.12:/apps/oneapi/compiler/2022.0.2/linux/IntelDPCPP
++ export CMAKE_PREFIX_PATH
++ CMAKE_Platform=hera.intel
++ export CMAKE_Platform
++ CMLR_ROOT=/apps/oneapi/compiler/2022.0.2
++ export CMLR_ROOT
++ CPATH=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/ecmwf-atlas-0.32.1-
izj6l7r/include:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/ectrans-1.2.0-
2yrvnsc/include:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/fiat-1.1.0-
wt2ncpg/include:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/fckit-0.10.0-
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1.3.0/envs/unified-env/install/intel/2021.5.0/fftw-3.3.10-
m5k4h6k/include:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/eckit-1.20.2-
3cx4lx2/include:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/eigen-3.4.0-
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1.3.0/envs/unified-env/install/intel/2021.5.0/eigen-3.4.0-
izkc256/include:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/boost-1.78.0-
yhyqk4b/include:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/openblas-0.3.19-
```

```
bsc4tqg/include:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/mapl-2.22.0-  
sd6zmbg/include:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/g2tmpl-1.10.2-  
zzssf3z/include:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/crtm-2.4.0-  
cm2ii7b/include:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/esmf-8.3.0b09-  
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n6ougja/include:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/hdf5-1.14.0-  
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2d5ysmc/include:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/jasper-2.0.32-  
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wu3bs2v/include:/scratch1/NCEPDEV/jcsda/jedipara/spack-stack/miniconda-3.9.12/include:/apps/oneapi/mpi/2021.5.1/include:/apps/gnu/gcc-9.2.0/include:/apps/oneapi/mkl/2022.0.2/include  
++ export CPATH  
++ CRTM_FIX=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/crtm-fix-2.4.0_emc-zvsufvh/fix  
++ export CRTM_FIX  
++ CRTM_INC=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/crtm-2.4.0-cm2ii7b/include  
++ export CRTM_INC  
++ CRTM_LIB=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/crtm-2.4.0-cm2ii7b/lib/libcrtm.a  
++ export CRTM_LIB  
++ CXX=mpiicpc  
++ export CXX  
++ DYLD_LIBRARY_PATH=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
```

1.3.0/envs/unified-env/install/intel/2021.5.0/ecmwf-atlas-0.32.1-
izj6l7r/lib64:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/ectrans-1.2.0-
2yrvnsc/lib64:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/fiat-1.1.0-
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3cx4lx2/lib64:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
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env/install/intel/2021.5.0/py-pandas-1.4.0-
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env/install/intel/2021.5.0/py-six-1.16.0-
3rki22p/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-numexpr-2.8.3-
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env/install/intel/2021.5.0/py-packaging-21.3-
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env/install/intel/2021.5.0/py-pyparsing-3.0.9-
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env/install/intel/2021.5.0/py-bottleneck-1.3.5-
smpb6l4/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-netcdf4-1.5.3-
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env/install/intel/2021.5.0/py-jinja2-3.1.2-
2i5arp7/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-markupsafe-2.1.1-
qnv16w5/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-f90nml-1.4.3-
inwsyif/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-cython-0.29.32-
v5xikqr/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-cftime-1.0.3.4-
rmpijj/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-

env/install/intel/2021.5.0/py-numpy-1.22.3-
4thxhl/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-setuptools-59.4.0-
vxpk7go/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/openblas-0.3.19-
bsc4tqg/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/mapl-2.22.0-
sd6zmbg/lib64:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/mapl-2.22.0-
sd6zmbg/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/w3emc-2.9.2-
vpskqn5/lib64:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/w3emc-2.9.2-
vpskqn5/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/sp-2.3.3-ksbiq4f/lib:/scratch1/NCEPDEV/nems/role.epic/spack-
stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/ip-3.3.3-
js5qvc6/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/g2tmpl-1.10.2-
zzssf3z/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/g2-3.4.5-
7rp2opa/lib64:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/crtm-2.4.0-
cm2ii7b/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/bacio-2.4.1-
evjfqgh/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/fms-2022.04-
7zh44la/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/esmf-8.3.0b09-
2c5opj3/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/parallel-2.5.9-
klnlzte/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/parallel-netcdf-1.12.2-
c5witmy/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/netcdf-fortran-4.6.0-
r4tknlh/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/netcdf-c-4.9.2-
mzphucs/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/zstd-1.5.2-
n6ougja/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/hdf5-1.14.0-
7rroxgg/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/libpng-1.6.37-
4drub66/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/zlib-1.2.13-

```
2d5ysmc/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/jasper-2.0.32-
q4aiygj/lib64:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/libjpeg-turbo-2.1.0-
wu3bs2v/lib64:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/ecbuild-3.6.5-nposon6/lib64
++ export DYLD_LIBRARY_PATH
++ EPICHOME=/scratch2/NAGAPE/epic/UFS_Land-DA
++ export EPICHOME
++ ESMFMKFILE=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/esmf-8.3.0b09-2c5opj3/lib/esmf.mk
++ export ESMFMKFILE
++ F77=/apps/oneapi/compiler/2022.0.2/linux/bin/intel64/ifort
++ export F77
++ FC=mpiifort
++ export FC
++ FI_PROVIDER_PATH=/apps/oneapi/mpi/2021.5.1//libfabric/lib/prov:/usr/lib64/libfabric
++ export FI_PROVIDER_PATH
++ FPGA_VARS_ARGS=
++ export FPGA_VARS_ARGS
++ FPGA_VARS_DIR=/apps/oneapi/compiler/2022.0.2/linux/lib/oclfpga
++ export FPGA_VARS_DIR
++ G2TMPL_INC=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/g2tmpl-1.10.2-zzssf3z/include
++ export G2TMPL_INC
++ G2TMPL_LIB=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/g2tmpl-1.10.2-zzssf3z/lib/libg2tmpl.a
++ export G2TMPL_LIB
++ G2_INC4=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/g2-3.4.5-7rp2opa/include_4
++ export G2_INC4
++ G2_INCd=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/g2-3.4.5-7rp2opa/include_d
++ export G2_INCd
++ G2_LIB4=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/g2-3.4.5-7rp2opa/lib64/libg2_4.a
++ export G2_LIB4
++ G2_LIBd=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/g2-3.4.5-7rp2opa/lib64/libg2_d.a
++ export G2_LIBd
++ HDF5_PLUGIN_PATH=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/netcdf-c-4.9.2-mzphucs/plugins
++ export HDF5_PLUGIN_PATH
++ INTELFGAOCSDKROOT=/apps/oneapi/compiler/2022.0.2/linux/lib/oclfpga
```



```
++ export INTELFPGAOCLSDKROOT
++ IP_INC4=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/ip-3.3.3-js5qvc6/include_4
++ export IP_INC4
++ IP_INC8=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/ip-3.3.3-js5qvc6/include_8
++ export IP_INC8
++ IP_INCd=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/ip-3.3.3-js5qvc6/include_d
++ export IP_INCd
++ IP_LIB4=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/ip-3.3.3-js5qvc6/lib/libip_4.a
++ export IP_LIB4
++ IP_LIB8=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/ip-3.3.3-js5qvc6/lib/libip_4.a
++ export IP_LIB8
++ IP_LIBd=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/ip-3.3.3-js5qvc6/lib/libip_4.a
++ export IP_LIBd
++ I_MPI_CC=icc
++ export I_MPI_CC
++ I_MPI_F90=ifort
++ export I_MPI_F90
++ I_MPI_PIN_RESPECT_CPUSET=off
++ export I_MPI_PIN_RESPECT_CPUSET
++ I_MPI_PMI_LIBRARY=/apps/slurm/default/lib/libpmi2.so
++ export I_MPI_PMI_LIBRARY
++ I_MPI_ROOT=/apps/oneapi/mpi/2021.5.1
++ export I_MPI_ROOT
++ JEDI_INSTALL=/scratch2/NAGAPE/epic/UFS_Land-DA/jedi
++ export JEDI_INSTALL
++ LD_LIBRARY_PATH=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/ecmwf-atlas-0.32.1-
izj6l7r/lib64:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/ectrans-1.2.0-
2yrvnsc/lib64:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/fiat-1.1.0-
wt2ncpg/lib64:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/fckit-0.10.0-
kdq4m45/lib64:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/fftw-3.3.10-
m5k4h6k/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/eckit-1.20.2-
3cx4lx2/lib64:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
```

1.3.0/envs/unified-env/install/intel/2021.5.0/boost-1.78.0-
yhyqk4b/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-pyyaml-6.0-
fsqugev/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-pandas-1.4.0-
qy7vqrm/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-pytz-2022.2.1-
c4oexs6/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-python-dateutil-2.8.2-
qg6xrmv/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-six-1.16.0-
3rki22p/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-numexpr-2.8.3-
jxyurnn/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-packaging-21.3-
w6cbsun/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-pyparsing-3.0.9-
fpaezt2/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-bottleneck-1.3.5-
smpb6l4/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-netcdf4-1.5.3-
rn44o5v/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-jinja2-3.1.2-
2i5arp7/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-markupsafe-2.1.1-
qnv16w5/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-f90nml-1.4.3-
inwsyif/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-cython-0.29.32-
v5xikqr/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-cftime-1.0.3.4-
rmpijj/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-numpy-1.22.3-
4thxhxl/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-setuptools-59.4.0-
vxpk7go/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/openblas-0.3.19-
bsc4tqg/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/mapl-2.22.0-
sd6zmbg/lib64:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/mapl-2.22.0-
sd6zmbg/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/w3emc-2.9.2-
vpskqn5/lib64:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-

1.3.0/envs/unified-env/install/intel/2021.5.0/w3emc-2.9.2-
vpskqn5/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/sp-2.3.3-ksbiq4f/lib:/scratch1/NCEPDEV/nems/role.epic/spack-
stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/ip-3.3.3-
js5qvc6/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/g2tmpl-1.10.2-
zzssf3z/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/g2-3.4.5-
7rp2opa/lib64:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/crtm-2.4.0-
cm2ii7b/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/bacio-2.4.1-
evjfqgh/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/fms-2022.04-
7zh44la/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/esmf-8.3.0b09-
2c5opj3/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/parallelio-2.5.9-
klnlzte/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/parallel-netcdf-1.12.2-
c5witmy/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/netcdf-fortran-4.6.0-
r4tknlh/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/netcdf-c-4.9.2-
mzphucs/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/zstd-1.5.2-
n6ougja/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/hdf5-1.14.0-
7rroxgg/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/libpng-1.6.37-
4drub66/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/zlib-1.2.13-
2d5ysmc/lib:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/jasper-2.0.32-
q4aiygj/lib64:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/libjpeg-turbo-2.1.0-
wu3bs2v/lib64:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/ecbuild-3.6.5-
nposon6/lib64:/scratch1/NCEPDEV/jcsda/jedipara/spack-stack/miniconda-
3.9.12/lib:/apps/oneapi/mpi/2021.5.1/libfabric/lib:/apps/oneapi/mpi/2021.5.1/lib/release
:/apps/oneapi/mpi/2021.5.1/lib:/apps/gnu/gcc-
9.2.0/lib64:/apps/oneapi/mkl/2022.0.2/lib/intel64:/apps/oneapi/compiler/2022.0.2/linux/l
ib:/apps/oneapi/compiler/2022.0.2/linux/lib/x64:/apps/oneapi/compiler/2022.0.2/linux/lib
/oclfgpa/host/linux64/lib:/apps/oneapi/compiler/2022.0.2/linux/compiler/lib/intel64_lin:

```
:/apps/slurm/default/lib
++ export LD_LIBRARY_PATH
++ LIBRARY_PATH=/scratch1/NCEPDEV/jcsda/jedipara/spack-stack/miniconda-
3.9.12/lib:/apps/oneapi/mpi/2021.5.1/libfabric/lib:/apps/oneapi/mpi/2021.5.1/lib/release
:/apps/oneapi/mpi/2021.5.1/lib:/apps/oneapi/mkl/2022.0.2/lib/intel64:/apps/oneapi/compil
er/2022.0.2/linux/compiler/lib/intel64_lin:/apps/oneapi/compiler/2022.0.2/linux/lib
++ export LIBRARY_PATH
++ LMOD_FAMILY_COMPILER=intel
++ export LMOD_FAMILY_COMPILER
++ LMOD_FAMILY_COMPILER_VERSION=2022.1.2
++ export LMOD_FAMILY_COMPILER_VERSION
++ LMOD_FAMILY_METACOMPILER=stack-intel
++ export LMOD_FAMILY_METACOMPILER
++ LMOD_FAMILY_METACOMPILER_VERSION=2021.5.0
++ export LMOD_FAMILY_METACOMPILER_VERSION
++ LMOD_FAMILY_METAMPI=stack-intel-oneapi-mpi
++ export LMOD_FAMILY_METAMPI
++ LMOD_FAMILY_METAMPI_VERSION=2021.5.1
++ export LMOD_FAMILY_METAMPI_VERSION
++ LMOD_FAMILY_METAPYTHON=stack-python
++ export LMOD_FAMILY_METAPYTHON
++ LMOD_FAMILY_METAPYTHON_VERSION=3.9.12
++ export LMOD_FAMILY_METAPYTHON_VERSION
++ LMOD_FAMILY_MPI=impi
++ export LMOD_FAMILY_MPI
++ LMOD_FAMILY_MPI_VERSION=2022.1.2
++ export LMOD_FAMILY_MPI_VERSION
++ LOADED_MODULES=intel/2022.1.2:stack-intel/2021.5.0:impi/2022.1.2:stack-intel-oneapi-
mpi/2021.5.1:miniconda/3.9.12:stack-
python/3.9.12:cmake/3.23.1:ecbuild/3.6.5:libjpeg/2.1.0:jasper/2.0.32:zlib/1.2.13:libpng/
1.6.37:pkg-config/0.27.1:hdf5/1.14.0:curl/7.29.0:zstd/1.5.2:netcdf-c/4.9.2:netcdf-
fortran/4.6.0:parallel-
netcdf/1.12.2:parallelio/2.5.9:esmf/8.3.0b09:fms/2022.04:bacio/2.4.1:crtm-
fix/2.4.0_emc:git-
lfs/2.10.0:crtm/2.4.0:g2/3.4.5:g2tmpl/1.10.2:ip/3.3.3:sp/2.3.3:w3emc/2.9.2:gftl/1.8.1:gf
tl-shared/1.5.0:yafyaml/0.5.1:mapl/2.22.0-esmf-8.3.0b09:openblas/0.3.19:py-
setuptools/59.4.0:py-numpy/1.22.3:py-cftime/1.0.3.4:py-cython/0.29.32:py-
f90nml/1.4.3:py-markupsafe/2.1.1:py-jinja2/3.1.2:py-netcdf4/1.5.3:py-
bottleneck/1.3.5:py-pyparsing/3.0.9:py-packaging/21.3:py-numexpr/2.8.3:py-six/1.16.0:py-
python-dateutil/2.8.2:py-pytz/2022.2.1:py-pandas/1.4.0:py-pyyaml/6.0:ufs-
pyenv/1.0.0:boost/1.78.0:eigen/3.4.0:eckit/1.20.2:fftw/3.3.10:fckit/0.10.0:fiat/1.1.0:ec
trans/1.2.0:atlas/0.32.1:landda_hera.intel
++ export LOADED_MODULES
++ MANPATH=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
```

```
env/install/intel/2021.5.0/fftw-3.3.10-
m5k4h6k/share/man:/usr/share/man:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-
stack-1.3.0/envs/unified-env/install/intel/2021.5.0/parallel-netcdf-1.12.2-
c5witmy/share/man:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/netcdf-fortran-4.6.0-
r4tknlh/share/man:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/netcdf-c-4.9.2-
mzphucs/share/man:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/zstd-1.5.2-
n6ougja/share/man:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/libpng-1.6.37-
4drub66/share/man:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/zlib-1.2.13-
2d5ysmc/share/man:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/jasper-2.0.32-
q4aiygj/share/man:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/libjpeg-turbo-2.1.0-
wu3bs2v/share/man:/scratch1/NCEPDEV/jcsda/jedipara/spack-stack/miniconda-
3.9.12/share/man:/apps/oneapi/mpi/2021.5.1/man:/apps/oneapi/compiler/2022.0.2/documentat
ion/en/man/common:/apps/lmod/lmod/share/man:/apps/local/man:/apps/slurm/default/share/ma
n:/apps/slurm/tools/sbank/share/man:
++ export MANPATH
++ MKLROOT=/apps/oneapi/mkl/2022.0.2
++ export MKLROOT
++ __LMOD_REF_COUNT_MODULEPATH='/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-
stack-1.3.0/envs/unified-env/install/modulefiles/intel-oneapi-
mpi/2021.5.1/intel/2021.5.0:1;/apps/modules/modulefamilies/intel impi:1;/scratch1/NCEPDE
V/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/modulefiles/intel/2021.5.0:1;/apps/modules/modulefamilies/intel:1;/scratch1/
NCEPDEV/jcsda/jedipara/spack-stack/modulefiles:1;/scratch1/NCEPDEV/nems/role.epic/spack-
stack/spack-stack-1.3.0/envs/unified-
env/install/modulefiles/Core:1;/scratch1/NCEPDEV/stmp2/role.epic/jenkins/workspace/and-
da_Land_DA_Jenkinsfile_PR-
29/modulefiles:3;/apps/lmod/lmod/modulefiles/Core:1;/apps/modules/modulefiles/Linux:1;/a
pps/modules/modulefiles:1'
++ export __LMOD_REF_COUNT_MODULEPATH
++ MODULEPATH=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/modulefiles/intel-oneapi-
mpi/2021.5.1/intel/2021.5.0:/apps/modules/modulefamilies/intel impi:/scratch1/NCEPDEV/ne
ms/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/modulefiles/intel/2021.5.0:/apps/modules/modulefamilies/intel:/scratch1/NCEP
DEV/jcsda/jedipara/spack-stack/modulefiles:/scratch1/NCEPDEV/nems/role.epic/spack-
stack/spack-stack-1.3.0/envs/unified-
env/install/modulefiles/Core:/scratch1/NCEPDEV/stmp2/role.epic/jenkins/workspace/and-
```

```
da_Land_DA_Jenkinsfile_PR-
29/modulefiles:/apps/lmod/lmod/modulefiles/Core:/apps/modules/modulefiles/Linux:/apps/modules/modulefiles
++ export MODULEPATH
++ MPICC=mpiicc
++ export MPICC
++ MPICXX=mpiicpc
++ export MPICXX
++ MPIF77=mpiifort
++ export MPIF77
++ MPIF90=mpiifort
++ export MPIF90
++ MPI_CC=mpiicc
++ export MPI_CC
++ MPI_CXX=mpiicpc
++ export MPI_CXX
++ MPI_F77=mpiifort
++ export MPI_F77
++ MPI_F90=mpiifort
++ export MPI_F90
++
NLSPATH=/apps/oneapi/mkl/2022.0.2/lib/intel64/locale/%l_%t/%N:/apps/oneapi/compiler/2022.0.2/linux/compiler/lib/intel64_lin/locale/%l_%t/%N
++ export NLSPATH
++
OCL_ICD_FILENAMES=libintelocl_emu.so:libalteracl.so:/apps/oneapi/compiler/2022.0.2/linux/lib/x64/libintelocl.so
++ export OCL_ICD_FILENAMES
++ PATH=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/ecmwf-atlas-0.32.1-izj6l7r/bin:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/ectrans-1.2.0-2yrvnsc/bin:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/fiat-1.1.0-wt2ncpg/bin:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/fckit-0.10.0-kdq4m45/bin:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/fftw-3.3.10-m5k4h6k/bin:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/eckit-1.20.2-3cx4lx2/bin:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/py-netcdf4-1.5.3-rn44o5v/bin:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/py-f90nml-1.4.3-
```

```
inwsyif/bin:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-cython-0.29.32-
v5xikqr/bin:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-numpy-1.22.3-
4thxhl/bin:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/openblas-0.3.19-
bsc4tqg/bin:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/mapl-2.22.0-
sd6zmbg/bin:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/esmf-8.3.0b09-
2c5opj3/bin:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/parallel-netcdf-1.12.2-
c5witmy/bin:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/netcdf-fortran-4.6.0-
r4tknlh/bin:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/netcdf-c-4.9.2-
mzphucs/bin:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/zstd-1.5.2-
n6ougja/bin:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/hdf5-1.14.0-
7rroxgg/bin:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/libpng-1.6.37-
4drub66/bin:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/jasper-2.0.32-
q4aiygj/bin:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/libjpeg-turbo-2.1.0-
wu3bs2v/bin:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/ecbuild-3.6.5-
nposon6/bin:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/cmake-3.23.1-
e62avuy/bin:/scratch1/NCEPDEV/jcsda/jedipara/spack-stack/miniconda-
3.9.12/bin:/apps/oneapi/mpi/2021.5.1/libfabric/bin:/apps/oneapi/mpi/2021.5.1/bin:/apps/g
nu/gcc-
9.2.0/bin:/apps/oneapi/mkl/2022.0.2/bin/intel64:/apps/oneapi/compiler/2022.0.2/linux/lib
/oclfpga/bin:/apps/oneapi/compiler/2022.0.2/linux/bin/intel64:/apps/oneapi/compiler/2022
.0.2/linux/bin:/usr/lib64/qt-
3.3/bin:/usr/bin:/bin:/usr/local/sbin:/usr/sbin:/opt/ibutils/bin:/apps/local/bin:/apps/l
ocal/sbin:/apps/slurm/default/tools:/apps/slurm/default/bin:/apps/slurm/default/sbin:/ap
ps/slurm/tools/sbank/bin:/home/role.epic/.local/bin:/home/role.epic/bin
++ export PATH
++ PIO_TYPENAME_VALID_VALUES=netcdf,netcdf4p,netcdf4c,pnetcdf
++ export PIO_TYPENAME_VALID_VALUES
++ PIO_VERSION_MAJOR=2
++ export PIO_VERSION_MAJOR
```

```
++ PKG_CONFIG_PATH=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/ecmwf-atlas-0.32.1-izj6l7r/lib64/pkgconfig:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/fftw-3.3.10-m5k4h6k/lib/pkgconfig:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/eckit-1.20.2-3cx4lx2/lib64/pkgconfig:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/eigen-3.4.0-izkc256/share/pkgconfig:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/openblas-0.3.19-bsc4tqg/lib/pkgconfig:/usr/share/pkgconfig:/usr/lib64/pkgconfig:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/parallel-netcdf-1.12.2-c5witmy/lib/pkgconfig:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/netcdf-fortran-4.6.0-r4tknlh/lib/pkgconfig:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/netcdf-c-4.9.2-mzphucs/lib/pkgconfig:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/zstd-1.5.2-n6ougja/lib/pkgconfig:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/hdf5-1.14.0-7rroxgg/lib/pkgconfig:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/libpng-1.6.37-4drub66/lib/pkgconfig:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/zlib-1.2.13-2d5ysmc/lib/pkgconfig:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/jasper-2.0.32-q4aiygj/lib64/pkgconfig:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/libjpeg-turbo-2.1.0-wu3bs2v/lib64/pkgconfig:/apps/oneapi/mpi/2021.5.1/lib/pkgconfig
++ export PKG_CONFIG_PATH
++ PNG_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/libpng-1.6.37-4drub66
++ export PNG_ROOT
++ PYTHONPATH=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/py-pyyaml-6.0-fsqugev/lib/python3.9/site-packages:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/py-pytz-2022.2.1-c4oexs6/lib/python3.9/site-packages:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/py-six-1.16.0-3rki22p/lib/python3.9/site-packages:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/py-python-dateutil-2.8.2-qg6xrmv/lib/python3.9/site-packages:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/py-pyparsing-3.0.9-fpaezt2/lib/python3.9/site-packages:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
```



```
env/install/intel/2021.5.0/py-packaging-21.3-w6cbsun/lib/python3.9/site-
packages:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-numexpr-2.8.3-jxyurnn/lib/python3.9/site-
packages:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-setuptools-59.4.0-vxpk7go/lib/python3.9/site-
packages:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-numpy-1.22.3-4thxhl1/lib/python3.9/site-
packages:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-bottleneck-1.3.5-smpb6l4/lib/python3.9/site-
packages:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-pandas-1.4.0-qy7vqrm/lib/python3.9/site-
packages:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-cftime-1.0.3.4-rmpiijj/lib/python3.9/site-
packages:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-netcdf4-1.5.3-rn44o5v/lib/python3.9/site-
packages:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-markupsafe-2.1.1-qnv16w5/lib/python3.9/site-
packages:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-jinja2-3.1.2-2i5arp7/lib/python3.9/site-
packages:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-f90nml-1.4.3-inwsyif/lib/python3.9/site-
packages:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/py-cython-0.29.32-v5xikqr/lib/python3.9/site-
packages:/scratch1/NCEPDEV/jcsda/jedipara/spack-stack/miniconda-
3.9.12/lib/python3.9/site-packages
++ export PYTHONPATH
++ SERIAL_CC=/apps/oneapi/compiler/2022.0.2/linux/bin/intel64/icc
++ export SERIAL_CC
++ SERIAL_CXX=/apps/oneapi/compiler/2022.0.2/linux/bin/intel64/icpc
++ export SERIAL_CXX
++ SERIAL_F77=/apps/oneapi/compiler/2022.0.2/linux/bin/intel64/fort
++ export SERIAL_F77
++ SERIAL_FC=/apps/oneapi/compiler/2022.0.2/linux/bin/intel64/fort
++ export SERIAL_FC
++ SP_INC4=include_4
++ export SP_INC4
++ SP_INC8=include_8
++ export SP_INC8
++ SP_INCd=include_d
++ export SP_INCd
++ SP_LIB4=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/sp-2.3.3-ksbiq4f/lib/libsp_4.a
++ export SP_LIB4
++ SP_LIB8=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
```

```
env/install/intel/2021.5.0/sp-2.3.3-ksbiq4f/lib/libsp_8.a
++ export SP_LIB8
++ SP_LIBd=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/sp-2.3.3-ksbiq4f/lib/libsp_d.a
++ export SP_LIBd
++ W3EMC_INC4=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/w3emc-2.9.2-vpskqn5/include_4
++ export W3EMC_INC4
++ W3EMC_INC8=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/w3emc-2.9.2-vpskqn5/include_8
++ export W3EMC_INC8
++ W3EMC_INCd=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/w3emc-2.9.2-vpskqn5/include_d
++ export W3EMC_INCd
++ W3EMC_LIB4=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/w3emc-2.9.2-vpskqn5/lib64/libw3emc_4.a
++ export W3EMC_LIB4
++ W3EMC_LIB8=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/w3emc-2.9.2-vpskqn5/lib64/libw3emc_8.a
++ export W3EMC_LIB8
++ W3EMC_LIBd=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/w3emc-2.9.2-vpskqn5/lib64/libw3emc_d.a
++ export W3EMC_LIBd
++
_LMFILES_=/apps/modules/modulefiles/intel/2022.1.2:/scratch1/NCEPDEV/nems/role.epic/spac
k-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/Core/stack-
intel/2021.5.0.lua:/apps/modules/modulefamilies/intel/impi/2022.1.2:/scratch1/NCEPDEV/ne
ms/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/modulefiles/intel/2021.5.0/stack-intel-oneapi-
mpi/2021.5.1.lua:/scratch1/NCEPDEV/jcsda/jedipara/spack-
stack/modulefiles/miniconda/3.9.12:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-
stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/stack-
python/3.9.12.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-
env/install/modulefiles/intel/2021.5.0/cmake/3.23.1.lua:/scratch1/NCEPDEV/nems/role.epic
/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/modulefiles/intel/2021.5.0/ecbuild/3.6.5.lua:/scratch1/NCEPDEV/nems/role.epi
c/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/modulefiles/intel/2021.5.0/libjpeg/2.1.0.lua:/scratch1/NCEPDEV/nems/role.epi
c/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/modulefiles/intel/2021.5.0/jasper/2.0.32.lua:/scratch1/NCEPDEV/nems/role.epi
c/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/modulefiles/intel/2021.5.0/zlib/1.2.13.lua:/scratch1/NCEPDEV/nems/role.epic/
spack-stack/spack-stack-1.3.0/envs/unified-
```

env/install/modulefiles/intel/2021.5.0/libpng/1.6.37.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/pkg-config/0.27.1.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel-oneapi-mpi/2021.5.1/intel/2021.5.0/hdf5/1.14.0.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/curl/7.29.0.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/zstd/1.5.2.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel-oneapi-mpi/2021.5.1/intel/2021.5.0/netcdf-c/4.9.2.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel-oneapi-mpi/2021.5.1/intel/2021.5.0/netcdf-fortran/4.6.0.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel-oneapi-mpi/2021.5.1/intel/2021.5.0/parallel-netcdf/1.12.2.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel-oneapi-mpi/2021.5.1/intel/2021.5.0/parallel-io/2.5.9.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel-oneapi-mpi/2021.5.1/intel/2021.5.0/esmf/8.3.0b09.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel-oneapi-mpi/2021.5.1/intel/2021.5.0/fms/2022.04.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/bacio/2.4.1.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/crtm-fix/2.4.0_emc.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/git-lfs/2.10.0.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel-oneapi-mpi/2021.5.1/intel/2021.5.0/crtm/2.4.0.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/g2/3.4.5.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/g2tmpl/1.10.2.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/ip/3.3.3.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/sp/2.3.3.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/w3emc/2.9.2.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/gftl/1.8.1.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/gftl-

shared/1.5.0.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/yafyaml/0.5.1.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel-oneapi-mpi/2021.5.1/intel/2021.5.0/mapl/2.22.0-esmf-8.3.0b09.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/openblas/0.3.19.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/py-setuptools/59.4.0.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/python/1.22.3.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/python/1.0.3.4.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/python/0.29.32.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/python/f90nml/1.4.3.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/python/markupsafe/2.1.1.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/python/jinja2/3.1.2.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel-oneapi-mpi/2021.5.1/intel/2021.5.0/python/netcdf4/1.5.3.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/python/bottleneck/1.3.5.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/python/pyparsing/3.0.9.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/python/packaging/21.3.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/python/numexpr/2.8.3.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/python/six/1.16.0.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/python/dateutil/2.8.2.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/python/pytz/2022.2.1.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/python/pandas/1.4.0.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/python/pyyaml/6.0.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel-oneapi-mpi/2021.5.1/intel/2021.5.0/ufs-

```
pyenv/1.0.0.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/boost/1.78.0.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel/2021.5.0/eigen/3.4.0.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel-oneapi-mpi/2021.5.1/intel/2021.5.0/eckit/1.20.2.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel-oneapi-mpi/2021.5.1/intel/2021.5.0/fftw/3.3.10.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel-oneapi-mpi/2021.5.1/intel/2021.5.0/fckit/0.10.0.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel-oneapi-mpi/2021.5.1/intel/2021.5.0/flat/1.1.0.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel-oneapi-mpi/2021.5.1/intel/2021.5.0/ectrans/1.2.0.lua:/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/modulefiles/intel-oneapi-mpi/2021.5.1/intel/2021.5.0/atlas/0.32.1.lua:/scratch1/NCEPDEV/stmp2/role.epic/jenkins/workspace/and-da_Land_DA_Jenkinsfile_PR-29/modulefiles/landda_hera.intel.lua
++ export _LMFILES_
++
_ModuleTable001_=X01vZHVsvZRhYmxlXz17WyJNVHZlcnNpb24iXT0zLFsiY19yZWJ1aWxkVGltZSJDpWZhbHNlLFsiY19zaG9ydFRpbWUiXT1mYWxzZSxkZXB0aFQ9e30sZmFtaWx5PXBtbIk1ldGFDb21waWxlciJdPSJzdGFjay1pbmRlbcIsWyJNZXRhTVBjIl09InN0YWNRlWludGVsLW9uZWFWaS1tcGkiLFsiTWV0YVB5dGhvbWljPSJzdGFjay1weXRob24iLFsiY29tcGlsZXIiXT0iaW50ZWwiLFsibXBpIl09Im1tcGkiLH0sbVQ9e2F0bGFzPXBtbImZuIl09Ii9zY3JhdGNoMS90Q0VQREVWLS25lbXMc9sZS5lcG1jL3NwYWNRlXN0YWNrL3NwYWNRlXN0YWNrLTEuMy4wL2VudnMvdW5pZmllZC11bnYvaW5zdGFsbC9tb2R1bGVmaWxlcy9pbmRlbc1vbWVhcGktbXBpLzIwMjEuNS4xL2ludGVsLzIw
++ export _ModuleTable001_
++
_ModuleTable002_=MjEuNS4wL2F0bGFzLzAuMzIuMS5sdWEiLFsiZnVsE5hbWUiXT0iYXR5YXMvMC4zMj4xIixbImxvYWRPcmRlciJdPTYyLHByb3BUPXt9LFsic3RhY2tEZXB0aCJdPTEsWyJzdGF0dXMiXT0iYWN0aXZlIixbInVzZXJOYWw1lIl09ImF0bGFzIixbIndwIl09IjAwMDAwMDAwMC4wMDAwMDAwMzIuMDAwMDAwMDAxLip6ZmluYWwILH0sYmFjaW89e1siZm4iXT0iL3NjcmF0Y2gxL05DRVBERVYvbmVtcy9yb2x1LmVvaWwMvc3BhY2stc3RhY2stc3RhY2stc3RhY2stMS4zLjAvZW52cy91bmlmaWwKLWVudl09pbmRlbc1vZmVhcGktbXBpLzIwMjEuNS4wL2JhY2lvLzIuNC4xLmx1YSIsWyJmdWxsTmFtZSJDPSJiYWNpby8yLjQuMSIsWyJsb2FkT3JkZXIiXT0yMyxwcm9wVD17
++ export _ModuleTable002_
++
_ModuleTable003_=fSxbInJlZl9jb3VudCJdPTEsWyJzdGFja0RlcHRoIl09MSxbInN0YXR1cyJdPSJhY3RpdmUiLFsidXNlck5hbWUiXT0iYmFjaW8vMi40LjEiLFsid1YiXT0iMDAwMDAwMDAyLjAwMDAwMDAwNC4wMDAwMDAwMDEuKnpmaw5hbCIIsfSxib29zdD17WyJmbiJdPSIvc2NyYXRjaDEvTkNfUERFVl09ZmVzL3JvbGVuZXByYy9zcGFjay1zdGFjay9zcGFjay1zdGFjay0xLjMuMC9lbnZzL3VuawZpZWQtZW52L2luc3RhbgwvbW9kdWx1ZmlsZXNvaW50ZWwvMjAyMS41LjAvYm9vc3QvMS43OC4wLmx1YSIsWyJmdWxsTmFtZSJDPSJib29zdC8xLj4LjAiLFsibG9hZE9yZGVyIl09NTUschJvcFQ9e30sWyJyZWZfY291bnQiXT0zLFsic3RhY2tEZXB0aCJdPTIsWyJzdGF0dXMiXT0iYWN0aXZ
```



```
sLW9uZWfWAS1tcGkvMjAyMS41LjEvaW50ZWwvMjAyMS41LjAvZWNRaXQvMS4yMC4yLmx1YSIsWyJmdWxsTmFtZSJD
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++ export _ModuleTable008_
++
_ModuleTable009_=PSJlY2tpdC8xLjIwLjIiLFsibG9hZE9yZGVyIl09NTcscHJvcFQ9e30sWyJyZWZfY291bnQ
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iXT0iL3NjcmF0Y2gxL05DRVBERVYvbmVtcy9yb2x1LmVwawMvc3BhY2stc3RhY2stc3BhY2stc3RhY2stMS4zLjA
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0ZWwvMjAyMS41LjAvZWw0cmFucy8xLjIuMC5sdWEiLFsiZnVsE5hbWUiXT0iZWw0cmFucy8xLjIuMCIswyJsb2F
k
++ export _ModuleTable009_
++
_ModuleTable010_=T3JkZXIiXT02MSxwcm9wVD17fSxbInJlZl9jb3VudCJdPTEsWyJzdGFja0RlchRoIl09Mix
bInN0YXR1cyJdPSJhY3RpdMUiLFsidXNlck5hbWUiXT0iZWw0cmFucy8xLjIuMCIswyJ3ViJdPSIwMDAwMDAwMDE
uMDAwMDAwMDAyLip6ZmluYWwLH0sZWlnZW49e1siZm4iXT0iL3NjcmF0Y2gxL05DRVBERVYvbmVtcy9yb2x1LmV
wawMvc3BhY2stc3RhY2stc3BhY2stc3RhY2stMS4zLjAvZW52cy91bmlmawVklWVudi9pbnN0YXsL21vZHVzZWZ
pbGVzL2ludGVsLzIwMjEuNS4wL2VpZ2VuLzMuNC4wLmx1YSIsWyJmdWxsTmFtZSJDPSJlaWdlbi8zLjQuMCIswyJ
sb2FkT3JkZXIiXT01Nixwcm9wVD17fSxbInJlZl9jb3VudCJdPTIsWyJzdGFja0RlchRoIl09MyxbInN0YXR1cyJ
d
++ export _ModuleTable010_
++
_ModuleTable011_=PSJhY3RpdMUiLFsidXNlck5hbWUiXT0iZWlnZW4vMy40LjAiLFsid1YiXT0iMDAwMDAwMDA
zLjAwMDAwMDAwNC4qemZpbmFsIix9LGVzbWY9e1siZm4iXT0iL3NjcmF0Y2gxL05DRVBERVYvbmVtcy9yb2x1LmV
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w
++ export _ModuleTable011_
++
_ModuleTable012_=OSIsWyJ3ViJdPSIwMDAwMDAwMDguMDAwMDAwMDAzLipLjAwMDAwMDAwOS4qemZpbmFsIix
9LGZja2l0PXBtbImZuIl09Ii9zY3JhdGN0MS90Q0VQREVL25lbXMc9sZS5lcGljL3NwYWNrLXN0YWNrL3NwYWN
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xMC4wIixbImxvYWRPcmRlciJdPTU5LHByb3BUPXt9LFSicmVmX2NvdW50Il09MixbInN0YWNrRGVwdGgiXT0LFs
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w
++ export _ModuleTable012_
++
_ModuleTable013_=MDAwMDAxMC4qemZpbmFsIix9LGVzZmdHc9e1siZm4iXT0iL3NjcmF0Y2gxL05DRVBERVYvbmV
tcy9yb2x1LmVwawMvc3BhY2stc3RhY2stc3BhY2stc3RhY2stMS4zLjAvZW52cy91bmlmawVklWVudi9pbnN0YX
sL21vZHVzZWZpbGVzL2ludGVsLW9uZWfWAS1tcGkvMjAyMS41LjEvaW50ZWwvMjAyMS41LjAvZmZ0dy8zLjMuMTA
ubHVhIixbImZ1bGx0YW1lIl09ImZmdHcvMy4zLjEwIixbImxvYWRPcmRlciJdPTU4LHByb3BUPXt9LFSicmVmX2N
```

```

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i
++ export _ModuleTable013_
++
_ModuleTable014_=XT0iL3NjcmF0Y2gxL05DRVBERVYvbmVtcy9yb2x1LmVwaWMvc3BhY2stc3RhY2svc3BhY2s
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++
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++ export _ModuleTable015_
++
_ModuleTable016_=L2ludGVsLzIwMjEuNS4wL2cyLzMuNC41Lmx1YSIsWyJmdWxsTmFtZSJdPSJnMi8zLjQuNSI
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++ export _ModuleTable016_
++
_ModuleTable017_=OCxcwcm9wVD17fSxbInN0YWNrRGVwdGgiXT0xLFsic3RhdHVzIl09ImFjdG12ZSIswyJ1c2V
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Dashboard land-da Land DA Jenkinsfile Pull Requests (2) PR-29 #1

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..
++ export _ModuleTable017_
++
_ModuleTable018_=bWUiXT0iZ2Z0bC8xLjguMSIsWyJ3ViJdPSIwMDAwMDAwMDEuMDAwMDAwMDA4LjAwMDAwMDA
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```



```
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++
_ModuleTable024_=OS9tb2R1bGVmaWxlcy9sYW5kZGFfaGVyYS5pbmRlbc5sdWEiLFsiZnVsE5hbWUiXT0ibGF
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++
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++ export _ModuleTable025_
++
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++ export _ModuleTable027_
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++

ModuleTable029=cmFuIl09e1siZm4iXT0iL3NjcmF0Y2gxL05DRVBERVYvbmVtcy9yb2x1LmVwaWwvc3BhY2stc3RhY2svzc3BhY2stc3RhY2stMS4zLjAvZW52cy91bmlmaWVklWVudi9pbnN0YWxsL21vZHVzZWZpbGVzL2ludGVsLW9uZWFWaS1tcGkvMjAyMS41LjEvaW50ZWwvMjAyMS41LjAvbmV0Y2RmLWZvcnRyYW4vNC42LjAubHVhIixbImZ1bGx0YW11Il09Im5ldGNkZi1mb3J0cmFuLzQuNi4wIixbImxvYWRPcmRlciJdPTE4LHByb3BUPXt9LFsicmVmX2NvdW50Il09NSxbInN0YWNrRGVwdGgiXT0xLFsic3RhHVzIl09ImFjdG12ZSIswyJ1c2VyTmFtZSJdPSJucjZXRjZGYtZm9ydHJhbi80LjYuMCIsWyJ3ViJdPSIwMDAwMDAwMDQuMDAwMDAwMDA2Lip6ZmluYWwiLH0sb3B1bmJsYXM9e1si

++ export _ModuleTable029_

++

ModuleTable030=Zm4iXT0iL3NjcmF0Y2gxL05DRVBERVYvbmVtcy9yb2x1LmVwaWwvc3BhY2stc3RhY2svzc3BhY2stc3RhY2stMS4zLjAvZW52cy91bmlmaWVklWVudi9pbnN0YWxsL21vZHVzZWZpbGVzL2ludGVsLzIwMjEuNS4wL29wZW5ibGFzLzAuMy4xOS5sdWEiLFsiZnVsE5hbWUiXT0ib3B1bmJsYXMvMC4zLjE5IixbImxvYWRPcmRlciJdPTM2LHByb3BUPXt9LFsicmVmX2NvdW50Il09MyxbInN0YWNrRGVwdGgiXT00LFsic3RhHVzIl09ImFjdG12ZSIswyJ1c2VyTmFtZSJdPSJvcGVuYmxhcy8wLjMuMTkiLFsid1YiXT0iMDAwMDAwMDAwLjAwMDAwMDAwMy4wMDAwMDAwMTkuKnpmaw5hbCIsfSxbInBhcmFsbGVzLW5ldGNkZi1jPXBtbImZuIl09Ii9zY3JhdGNoMS90Q0VQREVW125lbXMv

++ export _ModuleTable030_

++

ModuleTable031=cm9sZS5lcGljL3NwYWNrLXN0YWNrL3NwYWNrLXN0YWNrLTEuMy4wL2VudnMvdW5pZm1lZC1lbnYvaW5zdGFsbC9tb2R1bGVmaWxlcY9pbnRlbC1vbmVhcGktbXBpLzIwMjEuNS4xL2ludGVsLzIwMjEuNS4wL3BhcmFsbGVzLW5ldGNkZi8xLjE5LjIubHVhIixbImZ1bGx0YW11Il09InBhcmFsbGVzLW5ldGNkZi8xLjE5LjIiLFsid1YiXT0iMDAwMDAwMDAwLjAwMDAwMDAwMy4wMDAwMDAwMTkuKnpmaw5hbCIsfSxbInBhcmFsbGVzLW5ldGNkZi8xLjE5LjIiLFsid1YiXT0iMDAwMDAwMDAwLjAwMDAwMDAwMy4wMDAwMDAwMTkuKnpmaw5hbCIsfSxwYXJhbnGxlbG1vPXBtbImZuIl09Ii9zY3JhdGNoMS90Q0VQREVW125lbXMv

++ export _ModuleTable031_

++

ModuleTable032=REVW125lbXMvcm9sZS5lcGljL3NwYWNrLXN0YWNrL3NwYWNrLXN0YWNrLTEuMy4wL2VudnMvdW5pZm1lZC1lbnYvaW5zdGFsbC9tb2R1bGVmaWxlcY9pbnRlbC1vbmVhcGktbXBpLzIwMjEuNS4xL2ludGVsLzIwMjEuNS4wL3BhcmFsbGVzLW5ldGNkZi8xLjE5LjIubHVhIixbImZ1bGx0YW11Il09InBhcmFsbGVzLW5ldGNkZi8xLjE5LjIiLFsid1YiXT0iMDAwMDAwMDAwLjAwMDAwMDAwOS4qemZpbmFsIix9LFsicGtnLWVvbmZpZyJdPXBtbImZuIl09Ii9zY3JhdGNoMS90Q0VQREVW125lbXMvcm9sZS5lcGljL3Nw

++ export _ModuleTable032_

++

ModuleTable033=YWNrLXN0YWNrL3NwYWNRlXN0YWNrLTEuMy4wL2VudnMvdW5pZm1lZC1lbnYvaW5zdGFsbC9tb2R1bGVmaWxlcy9pbnR1bC8yMDIxLjUuMC9wa2ctY29uZm1nLzAuMjcUMS5sdWEiLFsiZnVsbE5hbWUiXT0icGtnLWNvbWZpZy8wLjI3LjEiLFsibG9hZE9yZGVyIl09MTMscHJvcFQ9e30sWyJyZWZfY291bnQiXT0xLFsic3RhY2tEZXB0aCjDPTIswyJzdGF0dXMiXT0iYWN0aXZlIixbInVzZXJOYW1lIl09InBrZy1jb25maWcvMC4yNy4xIixbIndWIl09IjAwMDAwMDAwMC4wMDAwMDAwMjcuMDAwMDAwMDAxLip6ZmluYWwiLH0sWyJweS1ib3R0bGVuZWNRIl09e1siZm4iXT0iL3NjcmF0Y2gxL05DRVBERVYvbmVtcy9yb2x1LmVwaWwvc3BhY2stc3RhY2svc3BhY2stc3RhY2stMS4Z

++ export _ModuleTable033_

++

ModuleTable034=LjAvZW52cy91bmlmaWVklWVudi9pbnN0YWxsL21vZHVzZWZpbGVzL2ludGVsLzIwMjEuNS4wL3B5LWJvdHRsZW5lY2svMS4zLjUubHVhIixbImZ1bGx0YW1lIl09InB5LWJvdHRsZW5lY2svMS4zLjUuLFsibG9hZE9yZGVyIl09NDUsCHJvcFQ9e30sWyJyZWZfY291bnQiXT0xLFsic3RhY2tEZXB0aCjDPTMswyJzdGF0dXMiXT0iYWN0aXZlIixbInVzZXJOYW1lIl09InB5LWJvdHRsZW5lY2svMS4zLjUuLFsid1YiXT0iMDAwMDAwMDAxLjAwMDAwMDAwMy4wMDAwMDAwMDUuKnpmaw5hbCIsfSxbInB5LWNmdGltZSjDpXtbImZuIl09Ii9zY3JhdGNoms9OQ0VQREVWL251bXMvcm9sZS5lcGljL3NwYWNRlXN0YWNrL3NwYWNRlXN0YWNrLTEuMy4wL2VudnMvdW5pZm1lZC1lbnYvaW5Z

++ export _ModuleTable034_

++

ModuleTable035=dGFsbC9tb2R1bGVmaWxlcy9pbnR1bC8yMDIxLjUuMC9weS1jZnRpbWUvMS4wLjMuNC5sdWEiLFsiZnVsbE5hbWUiXT0icHktY2Z0aW1lLzEuMC4zLjQiLFsibG9hZE9yZGVyIl09MzkscHJvcFQ9e30sWyJyZWZfY291bnQiXT0yLFsic3RhY2tEZXB0aCjDPTIswyJzdGF0dXMiXT0iYWN0aXZlIixbInVzZXJOYW1lIl09InB5LWNmdGltZS8xLjAuMy40IixbIndWIl09IjAwMDAwMDAwMS4wMDAwMDAwMDAuMDAwMDAwMDAzLjAwMDAwMDAwNC4qemZpbmFsIix9LFsicHktY3l0aG9uIl09e1siZm4iXT0iL3NjcmF0Y2gxL05DRVBERVYvbmVtcy9yb2x1LmVwaWwvc3BhY2stc3RhY2svc3BhY2stc3RhY2stMS4zLjAvZW52cy91bmlmaWVklWVudi9pbnN0YWxsL21vZHVzZWZpbGVzL2l1u

++ export _ModuleTable035_

++

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++ export _ModuleTable036_

++

ModuleTable037=bHVhIixbImZ1bGx0YW1lIl09InB5LWY5MG5tbC8xLjQuMyIsWyJsb2FkT3JkZXIiXT00MSxwcm9wVD17fSxbInJlZl9jb3VudCjDPTESwyJzdGFja0RlcHRoIl09MixbInN0YXR1cyJdPSJhY3RpdMuILFsidXNlck5hbWUiXT0icHktZjkwbm1sLzEuNC4zIixbIndWIl09IjAwMDAwMDAwMS4wMDAwMDAwMDQuMDAwMDAwMDAzLip6ZmluYWwiLH0sWyJweS1qaW5qYTIiXT17WyJmbiJdPSIvc2NyYXRjaDEvTkNFUERFVi9uZW1zL3JvbGUuZXBPYy9zcGFjay1zdGFjay9zcGFjay1zdGFjay0xLjMuMC9lbnZzL3VuawZpZWQtZW52L2luc3RhbgwvbW9kdWx1Zm1sZXMvaW50ZWwvMjAyMS41LjAvChktamluamEyLzMuMS4yLmx1YSIsWyJmdWxsTmFtZSjDPSJweS1qaW5qYTIvMy4xLjEi

++ export _ModuleTable037_

++

ModuleTable038=LFsibG9hZE9yZGVyIl09NDMscHJvcFQ9e30sWyJyZWZfY291bnQiXT0xLFsic3RhY2tEZXB0aCJdPTIswyJzdGF0dXMiXT0iYWNoaXZlIixbInVzZXJOYW1lI109InB5LWppbpbmMi8zLjEuMiIsWyJ3ViJdPSIwMDAwMDAwMDAwMDAwMDAwMDAxLjAwMDAwMDAwMi4qemZpbmFsIix9LFsicHktbWfya3Vvc2FmZSJdPXtbImZuIl09Ii9zY3JhdGN0MS90Q0VQREVWl251bXMvcm9sZS5lcG1jL3NwYWNRlXN0YWNrL3NwYWNRlXN0YWNrLTEuMy4wL2VudnMvdW5pZm1lZC11bnYvaW5zdGFsbC9tb2R1bGVmaWxlcy9pbmR1bC8yMDIxLjUuMC9weS1tYXJrdXBzYWZlLzIuMS4xLmx1YSIsWyJmdWxsTmFtZSJdPSJweS1tYXJrdXBzYWZlLzIuMS4xIixbImxvYWRPcmRlciJdPTQyLHByb3BU

++ export _ModuleTable038_

++

ModuleTable039=PXt9LFsicmVmX2NvdW50I109MSxbInN0YWNrRGVwdGgiXT0zLFsic3RhdHVzIl09ImFjdG12ZSIsWyJ1c2VyTmFtZSJdPSJweS1tYXJrdXBzYWZlLzIuMS4xIixbIndWI109IjAwMDAwMDAwMi4wMDAwMDAwMDEuMDAwMDAwMDAxLip6ZmluYWw1LH0swyJweS1uZXRjZGY0I109e1siZm4iXT0iL3NjcmF0Y2gxL05DRVBERVYvbmVtcy9yb2x1LmVwaWwvc3BhY2stc3RhY2svc3BhY2stc3RhY2stMS4zLjAvZW52cy91bmlmaWVklWVudi9pbmN0YWxsL21vZHVzZWZpbGVzL2ludGVsLW9uZWFWaS1tcGkvMjAyMS41LjEvaW50ZWwvMjAyMS41LjAvCHktbW0Y2RmNC8xLjUuMy5sdWEiLFsiZnVsE5hbWUiXT0icHktbW0Y2RmNC8xLjUuMyIsWyJsb2FkT3JkZXIiXT00NCxwcm9wVD17

++ export _ModuleTable039_

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ModuleTable040=fSxbInJlZl9jb3VudCJdPTEswyJzdGFja0RlcHRoIl09M1xbInN0YXR1cyJdPSJhY3RpdmuilFsidXNlck5hbWUiXT0icHktbW0Y2RmNC8xLjUuMyIsWyJ3ViJdPSIwMDAwMDAwMDEuMDAwMDAwMDA1LjAwMDAwMDAwMy4qemZpbmFsIix9LFsicHktbnVtZXhwcijdPXtbImZuIl09Ii9zY3JhdGN0MS90Q0VQREVWl251bXMvcm9sZS5lcG1jL3NwYWNRlXN0YWNrL3NwYWNRlXN0YWNrLTEuMy4wL2VudnMvdW5pZm1lZC11bnYvaW5zdGFsbC9tb2R1bGVmaWxlcy9pbmR1bC8yMDIxLjUuMC9weS1udW1leHByLzIuOC4zLmx1YSIsWyJmdWxsTmFtZSJdPSJweS1udW1leHByLzIuOC4zIixbImxvYWRPcmRlciJdPTQ4LHByb3BUPXt9LFsicmVmX2NvdW50I109MSxbInN0YWNrRGVwdGgi

++ export _ModuleTable040_

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++ export _ModuleTable041_

++

ModuleTable042=XT0icHktbnVtcHkvMS4yMi4zIixbIndWI109IjAwMDAwMDAwMS4wMDAwMDAwMjIuMDAwMDAwMDAzLip6ZmluYWw1LH0swyJweS1wYWNrYWdpbmciXT17WyJmbiJdPSIvc2NyYXRjaDEvTknFUERFVi9uZW1zL3JvbGUuZXBPYy9zcGFjay1zdGFjay9zcGFjay1zdGFjay0xLjMuMC91bnZzL3VuaWZpZWQtZW52L2luc3RhbGwvbW9kdWx1Zm1sZXNvaw50ZWwvMjAyMS41LjEvaW50ZWwvMjAyMS41LjAvCHktcGFja2FnaW5nLzIxLjMubHVhIixbImZ1bGx0YW1lI109InB5LXBhY2thZ2l1Zy8yMS4zIixbImxvYWRPcmRlciJdPTQ3LHByb3BUPXt9LFsicmVmX2NvdW50I109MSxbInN0YWNrRGVwdGgiXT00LFsic3RhdHVzIl09ImFjdG12ZSIsWyJ1c2VyTmFtZSJdPSJweS1wYWNrYWdpbmciMjEuMyIsWyJ3ViJd

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++ export _ModuleTable047_

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++ export _ModuleTable048_

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++ export _ModuleTable049_

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++ export _ModuleTable050_

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++ export _ModuleTable051_

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++ _ModuleTable_Sz_=59
++ export _ModuleTable_Sz_
++ atlas_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/ecmwf-atlas-0.32.1-izj617r
++ export atlas_ROOT
++ bacio_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/bacio-2.4.1-evjfqgh
++ export bacio_ROOT
++ boost_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/boost-1.78.0-yhyqk4b
++ export boost_ROOT
++ cmake_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/cmake-3.23.1-e62avuy
++ export cmake_ROOT
++ crtm_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/crtm-2.4.0-cm2ii7b
++ export crtm_ROOT
++ crtm_fix_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/crtm-fix-2.4.0_emc-zvsufvh
++ export crtm_fix_ROOT
++ curl_ROOT=/usr
++ export curl_ROOT
++ ecbuild_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/ecbuild-3.6.5-nposon6
++ export ecbuild_ROOT
++ eckit_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
```

```
1.3.0/envs/unified-env/install/intel/2021.5.0/eckit-1.20.2-3cx4lx2
++ export eckit_ROOT
++ ecmwf_atlas_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/ecmwf-atlas-0.32.1-izj6l7r
++ export ecmwf_atlas_ROOT
++ ectrans_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/ectrans-1.2.0-2yrvnsc
++ export ectrans_ROOT
++ eigen_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/eigen-3.4.0-izkc256
++ export eigen_ROOT
++ esmf_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/esmf-8.3.0b09-2c5opj3
++ export esmf_ROOT
++ fckit_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/fckit-0.10.0-kdq4m45
++ export fckit_ROOT
++ fftw_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/fftw-3.3.10-m5k4h6k
++ export fftw_ROOT
++ fiat_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/fiat-1.1.0-wt2ncpg
++ export fiat_ROOT
++ fms_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/fms-2022.04-7zh44la
++ export fms_ROOT
++ g2_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/g2-3.4.5-7rp2opa
++ export g2_ROOT
++ g2tmpl_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/g2tmpl-1.10.2-zzssf3z
++ export g2tmpl_ROOT
++ gftl_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/gftl-1.8.1-5chj6bz
++ export gftl_ROOT
++ gftl_shared_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/gftl-shared-1.5.0-icxrt6u
++ export gftl_shared_ROOT
++ git_lfs_ROOT=/usr
++ export git_lfs_ROOT
++ hdf5_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/hdf5-1.14.0-7rroxgg
++ export hdf5_ROOT
++ intel_oneapi_mpi_ROOT=/apps/oneapi
```

```
++ export intel_oneapi_mpi_ROOT
++ ip_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-
env/install/intel/2021.5.0/ip-3.3.3-js5qvc6
++ export ip_ROOT
++ jasper_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/jasper-2.0.32-q4aiygj
++ export jasper_ROOT
++ libjpeg_turbo_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/libjpeg-turbo-2.1.0-wu3bs2v
++ export libjpeg_turbo_ROOT
++ libpng_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/libpng-1.6.37-4drub66
++ export libpng_ROOT
++ mapl_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/mapl-2.22.0-sd6zmbg
++ export mapl_ROOT
++ netcdf_c_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/netcdf-c-4.9.2-mzphucs
++ export netcdf_c_ROOT
++ netcdf_fortran_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/netcdf-fortran-4.6.0-r4tknlh
++ export netcdf_fortran_ROOT
++ openblas_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/openblas-0.3.19-bsc4tqg
++ export openblas_ROOT
++ parallel_netcdf_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/parallel-netcdf-1.12.2-c5witmy
++ export parallel_netcdf_ROOT
++ parallelio_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/parallelio-2.5.9-klnlzte
++ export parallelio_ROOT
++ pkg_config_ROOT=/usr
++ export pkg_config_ROOT
++ py_bottleneck_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/py-bottleneck-1.3.5-smpb6l4
++ export py_bottleneck_ROOT
++ py_cftime_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/py-cftime-1.0.3.4-rmpiijj
++ export py_cftime_ROOT
++ py_cython_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/py-cython-0.29.32-v5xikqr
++ export py_cython_ROOT
++ py_f90nml_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/py-f90nml-1.4.3-inwsyif
```

```
++ export py_f90nm1_ROOT
++ py_jinja2_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/py-jinja2-3.1.2-2i5arp7
++ export py_jinja2_ROOT
++ py_markupsafe_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/py-markupsafe-2.1.1-qnv16w5
++ export py_markupsafe_ROOT
++ py_netcdf4_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/py-netcdf4-1.5.3-rn44o5v
++ export py_netcdf4_ROOT
++ py_numexpr_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/py-numexpr-2.8.3-jxyurnn
++ export py_numexpr_ROOT
++ py_numpy_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/py-numpy-1.22.3-4thxhl
++ export py_numpy_ROOT
++ py_packaging_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/py-packaging-21.3-w6cbsun
++ export py_packaging_ROOT
++ py_pandas_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/py-pandas-1.4.0-qy7vqrm
++ export py_pandas_ROOT
++ py_pyparsing_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/py-pyparsing-3.0.9-fpaezt2
++ export py_pyparsing_ROOT
++ py_python_dateutil_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/py-python-dateutil-2.8.2-qg6xrmv
++ export py_python_dateutil_ROOT
++ py_pytz_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/py-pytz-2022.2.1-c4oexs6
++ export py_pytz_ROOT
++ py_pyyaml_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/py-pyyaml-6.0-fsquev
++ export py_pyyaml_ROOT
++ py_setuptools_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/py-setuptools-59.4.0-vxpk7go
++ export py_setuptools_ROOT
++ py_six_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/py-six-1.16.0-3rki22p
++ export py_six_ROOT
++ python_ROOT=/scratch1/NCEPDEV/global/spack-stack/apps/miniconda/py39_4.12.0
++ export python_ROOT
++ sp_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-1.3.0/envs/unified-env/install/intel/2021.5.0/sp-2.3.3-ksbiq4f
```

```

++ export sp_ROOT
++ ufs_pyenv_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/ufs-pyenv-1.0.0-owq4p3b
++ export ufs_pyenv_ROOT
++ w3emc_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/w3emc-2.9.2-vpskqn5
++ export w3emc_ROOT
++ yafyaml_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/yafyaml-0.5.1-zj5yxnr
++ export yafyaml_ROOT
++ zlib_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/zlib-1.2.13-2d5ysmc
++ export zlib_ROOT
++ zstd_ROOT=/scratch1/NCEPDEV/nems/role.epic/spack-stack/spack-stack-
1.3.0/envs/unified-env/install/intel/2021.5.0/zstd-1.5.2-n6ougja
++ export zstd_ROOT
++ : -s sh
+ eval
+ ctest
Test project /scratch1/NCEPDEV/stmp2/role.epic/jenkins/workspace/and-
da_Land_DA_Jenkinsfile_PR-29/build
  Start 1: test_vector2tile
1/7 Test #1: test_vector2tile ..... Passed    6.94 sec
  Start 2: test_create_ens
2/7 Test #2: test_create_ens ..... Passed    6.27 sec
  Start 3: test_letkfoi_snowda
3/7 Test #3: test_letkfoi_snowda ..... Passed   40.24 sec
  Start 4: test_apply_jediincr
4/7 Test #4: test_apply_jediincr ..... Passed    2.24 sec
  Start 5: test_tile2vector
5/7 Test #5: test_tile2vector ..... Passed    2.44 sec
  Start 6: test_land_driver
6/7 Test #6: test_land_driver ..... Passed    8.45 sec
  Start 7: test_ufs_datm_land
7/7 Test #7: test_ufs_datm_land ..... Passed   51.87 sec

100% tests passed, 0 tests failed out of 7

Total Test time (real) = 118.55 sec
+ wait
+ echo 'ctest is done'
ctest is done

```

Job 48849847 (serial) finished for user role.epic in partition hera with exit code 0:0

End Epilogue Tue Aug 29 16:04:55 UTC 2023

[Pipeline] }

[Pipeline] // withEnv

[Pipeline] }

[Pipeline] // withEnv

[Pipeline] }

[Pipeline] // node

[Pipeline] }

[Pipeline] // stage

[Pipeline] stage

[Pipeline] { (Run Land DA Workflow on Orion)

[Pipeline] node

Running on [Orion](#) in /work/noaa/epic/role-epic/jenkins/workspace/and-da_Land_DA_Jenkinsfile_PR-29

[Pipeline] {

[Pipeline] checkout

The recommended git tool is: NONE

using credential JenkinsEPIC

Cloning the remote Git repository

Cloning with configured refspecs honoured and without tags

Cloning repository https://github.com/ufs-community/land-DA_workflow.git

> /apps/git-2.28.0/bin/git init /work/noaa/epic/role-epic/jenkins/workspace/and-da_Land_DA_Jenkinsfile_PR-29 # timeout=10

Fetching upstream changes from https://github.com/ufs-community/land-DA_workflow.git

> /apps/git-2.28.0/bin/git --version # timeout=10

> git --version # 'git version 2.28.0'

using GIT_ASKPASS to set credentials Github App for Jenkins

> /apps/git-2.28.0/bin/git fetch --no-tags --force --progress --

https://github.com/ufs-community/land-DA_workflow.git

+refs/pull/29/head:refs/remotes/origin/PR-29

+refs/heads/develop:refs/remotes/origin/develop # timeout=10

Fetching without tags

> /apps/git-2.28.0/bin/git config remote.origin.url https://github.com/ufs-community/land-DA_workflow.git # timeout=10

> /apps/git-2.28.0/bin/git config --add remote.origin.fetch

+refs/pull/29/head:refs/remotes/origin/PR-29 # timeout=10

> /apps/git-2.28.0/bin/git config --add remote.origin.fetch

+refs/heads/develop:refs/remotes/origin/develop # timeout=10

> /apps/git-2.28.0/bin/git config remote.origin.url https://github.com/ufs-community/land-DA_workflow.git # timeout=10

Fetching upstream changes from https://github.com/ufs-community/land-DA_workflow.git

using GIT_ASKPASS to set credentials Github App for Jenkins

Merging remotes/origin/develop commit 34e0f5499554fb65ab53e7e7d7509dfcd4ff49e5 into PR head commit a3714b7da75f6505d3728e4b16d5f7fff16e0e84

```
> /apps/git-2.28.0/bin/git fetch --no-tags --force --progress --
https://github.com/ufs-community/land-DA\_workflow.git
+refs/pull/29/head:refs/remotes/origin/PR-29
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
> /apps/git-2.28.0/bin/git config core.sparsecheckout # timeout=10
> /apps/git-2.28.0/bin/git checkout -f a3714b7da75f6505d3728e4b16d5f7fff16e0e84 #
timeout=10
Merge succeeded, producing a3714b7da75f6505d3728e4b16d5f7fff16e0e84
Checking out Revision a3714b7da75f6505d3728e4b16d5f7fff16e0e84 (PR-29)
Commit message: "Update test_vector2tile.sh"
> git --version # timeout=10
> git --version # 'git version 1.8.3.1'
> /apps/git-2.28.0/bin/git remote # timeout=10
> /apps/git-2.28.0/bin/git config --get remote.origin.url # timeout=10
using GIT_ASKPASS to set credentials Github App for Jenkins
> /apps/git-2.28.0/bin/git merge 34e0f5499554fb65ab53e7e7d7509dfcd4ff49e5 # timeout=10
> /apps/git-2.28.0/bin/git rev-parse HEAD^{commit} # timeout=10
> /apps/git-2.28.0/bin/git config core.sparsecheckout # timeout=10
> /apps/git-2.28.0/bin/git checkout -f a3714b7da75f6505d3728e4b16d5f7fff16e0e84 #
timeout=10
```

Could not update commit status. Message: {"message":"Resource not accessible by integration","documentation_url":"<https://docs.github.com/rest/commits/statuses#create-a-commit-status>"}

[Pipeline] withEnv

[Pipeline] {

[Pipeline] withEnv

[Pipeline] {

[Pipeline] cleanWs

[WS-CLEANUP] Deleting project workspace...

[WS-CLEANUP] Deferred wipeout is used...

[WS-CLEANUP] done

[Pipeline] checkout

The recommended git tool is: NONE

using credential JenkinsEPIC

Cloning the remote Git repository

Cloning with configured refspecs honoured and without tags

Cloning repository https://github.com/ufs-community/land-DA_workflow.git

```
> /apps/git-2.28.0/bin/git init /work/noaa/epic/role-epic/jenkins/workspace/and-
da_Land_DA_Jenkinsfile_PR-29 # timeout=10
```

Fetching upstream changes from https://github.com/ufs-community/land-DA_workflow.git

```

> /apps/git-2.28.0/bin/git --version # timeout=10
> git --version # 'git version 2.28.0'
using GIT_ASKPASS to set credentials Github App for Jenkins
> /apps/git-2.28.0/bin/git fetch --no-tags --force --progress --
https://github.com/ufs-community/land-DA\_workflow.git
+refs/pull/29/head:refs/remotes/origin/PR-29
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
Fetching without tags
> /apps/git-2.28.0/bin/git config remote.origin.url https://github.com/ufs-community/land-DA\_workflow.git # timeout=10
> /apps/git-2.28.0/bin/git config --add remote.origin.fetch
+refs/pull/29/head:refs/remotes/origin/PR-29 # timeout=10
> /apps/git-2.28.0/bin/git config --add remote.origin.fetch
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
> /apps/git-2.28.0/bin/git config remote.origin.url https://github.com/ufs-community/land-DA\_workflow.git # timeout=10
Fetching upstream changes from https://github.com/ufs-community/land-DA\_workflow.git
using GIT_ASKPASS to set credentials Github App for Jenkins
> /apps/git-2.28.0/bin/git fetch --no-tags --force --progress --
https://github.com/ufs-community/land-DA\_workflow.git
+refs/pull/29/head:refs/remotes/origin/PR-29
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
Merging remotes/origin/develop commit 34e0f5499554fb65ab53e7e7d7509dfcd4ff49e5 into PR
head commit a3714b7da75f6505d3728e4b16d5f7fff16e0e84
Merge succeeded, producing a3714b7da75f6505d3728e4b16d5f7fff16e0e84
Checking out Revision a3714b7da75f6505d3728e4b16d5f7fff16e0e84 (PR-29)
Commit message: "Update test_vector2tile.sh"
> /apps/git-2.28.0/bin/git config core.sparsecheckout # timeout=10
> /apps/git-2.28.0/bin/git checkout -f a3714b7da75f6505d3728e4b16d5f7fff16e0e84 #
timeout=10
> /apps/git-2.28.0/bin/git remote # timeout=10
> /apps/git-2.28.0/bin/git config --get remote.origin.url # timeout=10
using GIT_ASKPASS to set credentials Github App for Jenkins
> /apps/git-2.28.0/bin/git merge 34e0f5499554fb65ab53e7e7d7509dfcd4ff49e5 # timeout=10
> /apps/git-2.28.0/bin/git rev-parse HEAD^{commit} # timeout=10
> /apps/git-2.28.0/bin/git config core.sparsecheckout # timeout=10
> /apps/git-2.28.0/bin/git checkout -f a3714b7da75f6505d3728e4b16d5f7fff16e0e84 #
timeout=10
> git --version # timeout=10
> git --version # 'git version 1.8.3.1'

```

Could not update commit status. Message: {"message":"Resource not accessible by integration", "documentation_url":"<https://docs.github.com/rest/commits/statuses#create-a-commit-status>"}


```
[Pipeline] sh
+ pwd
/work/noaa/epic/role-epic/jenkins/workspace/and-da_Land_DA_Jenkinsfile_PR-29
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Run Land DA Workflow on Hercules)
[Pipeline] node
Running on Hercules in /work/noaa/epic/role-epic/jenkins/workspace/d-
da_Land_DA_Jenkinsfile_PR-29_2
[Pipeline] {
[Pipeline] checkout
The recommended git tool is: NONE
using credential JenkinsePIC
Cloning the remote Git repository
Cloning with configured refspecs honoured and without tags
Cloning repository https://github.com/ufs-community/land-DA\_workflow.git
  > git init /work/noaa/epic/role-epic/jenkins/workspace/d-da_Land_DA_Jenkinsfile_PR-29_2
# timeout=10
Fetching upstream changes from https://github.com/ufs-community/land-DA\_workflow.git
  > git --version # timeout=10
  > git --version # 'git version 2.31.1'
using GIT_ASKPASS to set credentials Github App for Jenkins
  > git fetch --no-tags --force --progress -- https://github.com/ufs-community/land-DA\_workflow.git +refs/pull/29/head:refs/remotes/origin/PR-29
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
Fetching without tags
  > git config remote.origin.url https://github.com/ufs-community/land-DA\_workflow.git #
timeout=10
  > git config --add remote.origin.fetch +refs/pull/29/head:refs/remotes/origin/PR-29 #
timeout=10
  > git config --add remote.origin.fetch +refs/heads/develop:refs/remotes/origin/develop
# timeout=10
  > git config remote.origin.url https://github.com/ufs-community/land-DA\_workflow.git #
timeout=10
Fetching upstream changes from https://github.com/ufs-community/land-DA\_workflow.git
using GIT_ASKPASS to set credentials Github App for Jenkins
```

```
> git fetch --no-tags --force --progress -- https://github.com/ufs-community/land-
DA_workflow.git +refs/pull/29/head:refs/remotes/origin/PR-29
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
Merging remotes/origin/develop commit 34e0f5499554fb65ab53e7e7d7509dfcd4ff49e5 into PR
head commit a3714b7da75f6505d3728e4b16d5f7fff16e0e84
Merge succeeded, producing a3714b7da75f6505d3728e4b16d5f7fff16e0e84
Checking out Revision a3714b7da75f6505d3728e4b16d5f7fff16e0e84 (PR-29)
> git config core.sparsecheckout # timeout=10
> git checkout -f a3714b7da75f6505d3728e4b16d5f7fff16e0e84 # timeout=10
> git remote # timeout=10
> git config --get remote.origin.url # timeout=10
using GIT_ASKPASS to set credentials Github App for Jenkins
> git merge 34e0f5499554fb65ab53e7e7d7509dfcd4ff49e5 # timeout=10
> git rev-parse HEAD^{commit} # timeout=10
> git config core.sparsecheckout # timeout=10
> git checkout -f a3714b7da75f6505d3728e4b16d5f7fff16e0e84 # timeout=10
Commit message: "Update test_vector2tile.sh"
> git --version # timeout=10
> git --version # 'git version 2.31.1'
```

Could not update commit status. Message: {"message":"Resource not accessible by integration", "documentation_url":"<https://docs.github.com/rest/commits/statuses#create-a-commit-status>"}

```
[Pipeline] withEnv
[Pipeline] {
[Pipeline] withEnv
[Pipeline] {
[Pipeline] cleanWs
[WS-CLEANUP] Deleting project workspace...
[WS-CLEANUP] Deferred wipeout is used...
[WS-CLEANUP] done
[Pipeline] checkout
The recommended git tool is: NONE
using credential JenkinsEPIC
Cloning the remote Git repository
Cloning with configured refsspecs honoured and without tags
Cloning repository https://github.com/ufs-community/land-DA_workflow.git
> git init /work/noaa/epic/role-epic/jenkins/workspace/d-da_Land_DA_Jenkinsfile_PR-29_2
# timeout=10
Fetching upstream changes from https://github.com/ufs-community/land-DA_workflow.git
> git --version # timeout=10
> git --version # 'git version 2.31.1'
using GIT_ASKPASS to set credentials Github App for Jenkins
```

```
> git fetch --no-tags --force --progress -- https://github.com/ufs-community/land-
DA_workflow.git +refs/pull/29/head:refs/remotes/origin/PR-29
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
> git config remote.origin.url https://github.com/ufs-community/land-DA_workflow.git #
timeout=10
> git config --add remote.origin.fetch +refs/pull/29/head:refs/remotes/origin/PR-29 #
timeout=10
> git config --add remote.origin.fetch +refs/heads/develop:refs/remotes/origin/develop
# timeout=10
Fetching without tags
Merging remotes/origin/develop commit 34e0f5499554fb65ab53e7e7d7509dfcd4ff49e5 into PR
head commit a3714b7da75f6505d3728e4b16d5f7fff16e0e84
> git config remote.origin.url https://github.com/ufs-community/land-DA_workflow.git #
timeout=10
Fetching upstream changes from https://github.com/ufs-community/land-DA_workflow.git
using GIT_ASKPASS to set credentials Github App for Jenkins
> git fetch --no-tags --force --progress -- https://github.com/ufs-community/land-
DA_workflow.git +refs/pull/29/head:refs/remotes/origin/PR-29
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
> git config core.sparsecheckout # timeout=10
> git checkout -f a3714b7da75f6505d3728e4b16d5f7fff16e0e84 # timeout=10
> git remote # timeout=10
> git config --get remote.origin.url # timeout=10
using GIT_ASKPASS to set credentials Github App for Jenkins
> git merge 34e0f5499554fb65ab53e7e7d7509dfcd4ff49e5 # timeout=10
Merge succeeded, producing a3714b7da75f6505d3728e4b16d5f7fff16e0e84
Checking out Revision a3714b7da75f6505d3728e4b16d5f7fff16e0e84 (PR-29)
Commit message: "Update test_vector2tile.sh"
> git --version # timeout=10
> git --version # 'git version 2.31.1'
```

Could not update commit status. Message: {"message":"Resource not accessible by integration","documentation_url":"<https://docs.github.com/rest/commits/statuses#create-a-commit-status>"}

```
[Pipeline] sh
> git rev-parse HEAD^{commit} # timeout=10
> git config core.sparsecheckout # timeout=10
> git checkout -f a3714b7da75f6505d3728e4b16d5f7fff16e0e84 # timeout=10
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
```

```
[Pipeline] // node
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Run Land DA Workflow on Jet)
[Pipeline] node
Running on Jet in /lfs4/HFIP/hfv3gfs/role.epic/jenkins/workspace/and-
da_Land_DA_Jenkinsfile_PR-29
[Pipeline] {
[Pipeline] checkout
The recommended git tool is: NONE
using credential JenkinsEPIC
Cloning the remote Git repository
Cloning with configured refspecs honoured and without tags
Cloning repository https://github.com/ufs-community/land-DA_workflow.git
 > git init /lfs4/HFIP/hfv3gfs/role.epic/jenkins/workspace/and-
da_Land_DA_Jenkinsfile_PR-29 # timeout=10
Fetching upstream changes from https://github.com/ufs-community/land-DA_workflow.git
 > git --version # timeout=10
 > git --version # 'git version 2.18.0'
using GIT_ASKPASS to set credentials Github App for Jenkins
 > git fetch --no-tags --progress -- https://github.com/ufs-community/land-
DA_workflow.git +refs/pull/29/head:refs/remotes/origin/PR-29
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
 > git config remote.origin.url https://github.com/ufs-community/land-DA_workflow.git #
timeout=10
 > git config --add remote.origin.fetch +refs/pull/29/head:refs/remotes/origin/PR-29 #
timeout=10
 > git config --add remote.origin.fetch +refs/heads/develop:refs/remotes/origin/develop
# timeout=10
Fetching without tags
Merging remotes/origin/develop commit 34e0f5499554fb65ab53e7e7d7509dfcd4ff49e5 into PR
head commit a3714b7da75f6505d3728e4b16d5f7fff16e0e84
 > git config remote.origin.url https://github.com/ufs-community/land-DA_workflow.git #
timeout=10
Fetching upstream changes from https://github.com/ufs-community/land-DA_workflow.git
using GIT_ASKPASS to set credentials Github App for Jenkins
 > git fetch --no-tags --progress -- https://github.com/ufs-community/land-
DA_workflow.git +refs/pull/29/head:refs/remotes/origin/PR-29
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
 > git config core.sparsecheckout # timeout=10
 > git checkout -f a3714b7da75f6505d3728e4b16d5f7fff16e0e84 # timeout=10
 > git remote # timeout=10
 > git config --get remote.origin.url # timeout=10
```

```
using GIT_ASKPASS to set credentials Github App for Jenkins
> git merge 34e0f5499554fb65ab53e7e7d7509dfcd4ff49e5 # timeout=10
> git rev-parse HEAD^{commit} # timeout=10
Merge succeeded, producing a3714b7da75f6505d3728e4b16d5f7fff16e0e84
Checking out Revision a3714b7da75f6505d3728e4b16d5f7fff16e0e84 (PR-29)
> git config core.sparsecheckout # timeout=10
> git checkout -f a3714b7da75f6505d3728e4b16d5f7fff16e0e84 # timeout=10
Commit message: "Update test_vector2tile.sh"
> git --version # timeout=10
> git --version # 'git version 2.18.0'
```

```
Could not update commit status. Message: {"message":"Resource not accessible by
integration","documentation_url":"https://docs.github.com/rest/commits/statuses#create-a-commit-status"}
```

```
[Pipeline] withEnv
[Pipeline] {
[Pipeline] withEnv
[Pipeline] {
[Pipeline] cleanWs
[WS-CLEANUP] Deleting project workspace...
[WS-CLEANUP] Deferred wipeout is used...
[WS-CLEANUP] done
[Pipeline] checkout
The recommended git tool is: NONE
using credential JenkinsePIC
Cloning the remote Git repository
Cloning with configured refspecs honoured and without tags
Cloning repository https://github.com/ufs-community/land-DA\_workflow.git
> git init /lfs4/HFIP/hfv3gfs/role.epic/jenkins/workspace/and-
da_Land_DA_Jenkinsfile_PR-29 # timeout=10
Fetching upstream changes from https://github.com/ufs-community/land-DA\_workflow.git
> git --version # timeout=10
> git --version # 'git version 2.18.0'
using GIT_ASKPASS to set credentials Github App for Jenkins
> git fetch --no-tags --progress -- https://github.com/ufs-community/land-
DA\_workflow.git +refs/pull/29/head:refs/remotes/origin/PR-29
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
Fetching without tags
> git config remote.origin.url https://github.com/ufs-community/land-DA\_workflow.git #
timeout=10
> git config --add remote.origin.fetch +refs/pull/29/head:refs/remotes/origin/PR-29 #
timeout=10
> git config --add remote.origin.fetch +refs/heads/develop:refs/remotes/origin/develop
```

```
# timeout=10
> git config remote.origin.url https://github.com/ufs-community/land-DA\_workflow.git #
timeout=10
Fetching upstream changes from https://github.com/ufs-community/land-DA\_workflow.git
using GIT_ASKPASS to set credentials Github App for Jenkins
Merging remotes/origin/develop commit 34e0f5499554fb65ab53e7e7d7509dfcd4ff49e5 into PR
head commit a3714b7da75f6505d3728e4b16d5f7fff16e0e84
> git fetch --no-tags --progress -- https://github.com/ufs-community/land-DA\_workflow.git +refs/pull/29/head:refs/remotes/origin/PR-29
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
> git config core.sparsecheckout # timeout=10
> git checkout -f a3714b7da75f6505d3728e4b16d5f7fff16e0e84 # timeout=10
Merge succeeded, producing a3714b7da75f6505d3728e4b16d5f7fff16e0e84
Checking out Revision a3714b7da75f6505d3728e4b16d5f7fff16e0e84 (PR-29)
Commit message: "Update test_vector2tile.sh"
> git remote # timeout=10
> git config --get remote.origin.url # timeout=10
using GIT_ASKPASS to set credentials Github App for Jenkins
> git merge 34e0f5499554fb65ab53e7e7d7509dfcd4ff49e5 # timeout=10
> git rev-parse HEAD^{commit} # timeout=10
> git config core.sparsecheckout # timeout=10
> git checkout -f a3714b7da75f6505d3728e4b16d5f7fff16e0e84 # timeout=10
> git --version # timeout=10
> git --version # 'git version 2.18.0'
```

Could not update commit status. Message: {"message":"Resource not accessible by integration","documentation_url":"<https://docs.github.com/rest/commits/statuses#create-a-commit-status>"}

```
[Pipeline] sh
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] }
[Pipeline] // stage
[Pipeline] End of Pipeline
```

Could not update commit status. Message: {"message":"Resource not accessible by integration","documentation_url":"<https://docs.github.com/rest/commits/statuses#create-a-commit-status>"}

Finished: SUCCESS

Jenkins 2.401.3