

```
calling table_ccnAct routine
creating qc collision eff tables
creating rain evap table
creating ice converting to snow table
creating rain collecting graupel table
creating freezing of water drops table
... DONE microphysical lookup tables
Using non-aerosol-aware version of Thompson microphysics
calling table_ccnAct routine
creating qc collision eff tables
creating rain evap table
creating ice converting to snow table
creating rain collecting graupel table
creating freezing of water drops table
... DONE microphysical lookup tables
Using non-aerosol-aware version of Thompson microphysics
calling table_ccnAct routine
creating qc collision eff tables
creating rain evap table
creating ice converting to snow table
creating rain collecting graupel table
creating freezing of water drops table
... DONE microphysical lookup tables
cat: '/home/builder/ufs-weather-model/tests/log_opnReqTest_linux.gnu/compile_*_time.log': No such file or directory

baseline dir = /home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/control_p8_dbg_base
working dir = /home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/control_p8_dbg_base
Checking test dbg_base control_p8 results ....
Moving baseline dbg_base control_p8 files ....
  Moving sfcf001.nc .....OK
  Moving sfcf001.nc .....OK

The total amount of wall time          = 331.046499
The maximum resident set size (KB)     = 1439316

Test dbg_base control_p8 PASS

OPERATION REQUIREMENT TEST WAS SUCCESSFUL
Elapsed time: 00h:07m:00s. Have a nice day!
opnReqTest finished
[Pipeline] }
[Pipeline] // stage
Post stage
[Pipeline] sh
++ docker image ls
++ grep -E -m1 ci-test-weather
++ awk '{ print $3 }'
+ docker rmi -f f8b2d938a59f
Untagged: ci-test-weather:latest
```

```

Deleted: sha256:f8b2d938a59fda6bb2cc2cd741cde9b339c1efc126666b48ffc7ad2e38e07e71
Deleted: sha256:adc45e473e400d64b48b783e42e6f213c4952e33c4f9c27cf1d1f76a7d2caafd
Deleted: sha256:42f3fa539fb4ab8fa10120b8d6357abf47fa7d057b713ba10eccb4632542e4a8
Deleted: sha256:fd74eb8123ffbea8d9bd500312798462217975d263f9b1b3b5c52f19678073f3
Deleted: sha256:f4dc0e48c597392eb425c9158444002bed42afcb0f76c28ec98c9cccf8249c90
Deleted: sha256:cc5e02421217a8a7b29e1ab409e4c3f8d586bb0c549e4b4c4d6fce3292abdffc
Deleted: sha256:038088ac065b39c2b29f4f53160e59871f36da2e120b9b70d4af194636e6b56d
Deleted: sha256:96bc82c9a1be741f774e6f109e36143e2b7167c3f70c4fb1f5795e69bd1472c8
Deleted: sha256:2e28da32f11fdddfca349b600fd38cada88c9392e818b5c4e5c938f2fbd98e8
Deleted: sha256:b81901f9430fbcf1c0686355b54a7ea9d83bb4f79bc636bd209ce4ba599ad004
Deleted: sha256:da1a1f581efbe7a8bc652836c1f131084aff919ff8b197e9873f20ba32d6d5ef
Deleted: sha256:1ec1c367e711e1214a7099020b554e8dec883919a99b20b54622272bf9faacee
Deleted: sha256:f0fc719d0ae3122e45b0ea9c8ab2ce119fde37f926351b4f8fdd0898e6e8a299
Deleted: sha256:17786e45f07998342af1fe4c4a2e7bfb452c16f4a0417b0e73740d58df15f9a6
Deleted: sha256:e1429e352b89f909e4a7a44cdd5aded938c13cda4e3e2be4cf2464febb93f809
Deleted: sha256:210a691d2bf5a8472e21302788b604495726911d418e7763caf3406327ab2c02
++ docker image ls
++ grep -E -m1 noaaepic
++ awk '{ print $3 }'
+ docker rmi -f 1920f81f6556
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-stack@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
Deleted: sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738
Deleted: sha256:d91d700fe046d8b5dca3b82d589783b859fa1d0f59b40b5c92554d25cbf68acc
Deleted: sha256:5b27180194225db246c7f38ae95fd1e3ed42abfa879c99a994e23184bce24194
Deleted: sha256:00cea692fd3d2f6b60f8530cf7603cb35aae6c603e6e4499befcd760adffcb5f
Deleted: sha256:d62a59fb641ccac293f6efe114a11d6b94238b8f8254516bf9f4fff75e77033e
Deleted: sha256:0130cb63d59064b5287f4f6638c598add5452f44bfb36f0be6ed076a72a3d4c
Deleted: sha256:99cb320efbde2e6ae4b21e9a5c378c5809bf62934f267b2089951ec8e6b72e63
Deleted: sha256:a3bedca2c8f09e4c2f51767170225f1252e46377b4ca9fa741e27fd90e2409f5
Deleted: sha256:3dd8c8d4fd5b59d543c8f75a67cdfaab30aef5a6d99aea3fe74d8cc69d4e7bf2
Deleted: sha256:8d8dceacec7085abcab1f93ac1128765bc6cf0caac334c821e01546bd96eb741
Deleted: sha256:ccd8b80308cc5ef43b605ac28fac29c6a597f89f5a169bbbedbb8dec29c987439
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
  in readxml,bf readxml,size(post_avblflds%param)=          47
  xml_perl_data read Post flat file
  allocate paramset to :          2
  allocate param to :          112
  sum num_post_afld :          112
  allocate param to :          197
  sum num_post_afld :          309

```

```
in readxml, aft read flat file.xml,num_post_afld=      197
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:      197
dataset is: GFSPRS
MXFLD is:      1200
size of lvlxml:      154500
size of post_avblflds param      197
in readxml. nfld=      197 nrecout=      1095
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:      112
dataset is: GFSFLX
MXFLD is:      1200
size of lvlxml:      154500
size of post_avblflds param      112
in readxml. nfld=      112 nrecout=      121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
in readxml,bf readxml,size(post_avblflds%param)=      47
xml_perl_data read Post flat file
allocate paramset to :      2
```

```
allocate param to :          112
sum num_post_afld :         112
allocate param to :          197
sum num_post_afld :         309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=                2
Size of pset is:          197
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          197
in readxml. nfld=          197 nrecout=          1095
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:          112
datset is: GFSFLX
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          112
in readxml. nfld=          112 nrecout=          121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
```

```

PROCESS done
in readxml,bf readxml,size(post_avblflds%param)=          47
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :          112
sum num_post_afld :          112
allocate param to :          197
sum num_post_afld :          309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          197
dataset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          197
in readxml. nfld=          197 nrecout=          1095
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:          112
dataset is: GFSFLX
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          112
in readxml. nfld=          112 nrecout=          121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done

```

```

MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
in readxml,bf readxml,size(post_avblflds%param)=          47
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :          112
sum num_post_afld :          112
allocate param to :          197
sum num_post_afld :          309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          197
dataset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          197
in readxml. nfld=          197 nrecout=          1095
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:          112
dataset is: GFSFLX
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          112
in readxml. nfld=          112 nrecout=          121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done

```

```

PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
in readxml,bf readxml,size(post_avblflds%param)=          47
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :          112
sum num_post_afld :          112
allocate param to :          197
sum num_post_afld :          309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          197
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          197
in readxml. nfld=          197 nrecout=          1095
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:          112
datset is: GFSFLX
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          112
in readxml. nfld=          112 nrecout=          121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done

```

```

PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
in readxml,bf readxml,size(post_avblflds%param)=          112
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :          112
sum num_post_afld :          112
allocate param to :          197
sum num_post_afld :          309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          197
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          197
in readxml. nfld=          197 nrecout=          1095
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:          112
datset is: GFSFLX
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          112

```



```
in readxml. nflid=      112 nrecout=      121
```

```
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
```

Running test for thr with

```
  THRD: 2; INPES: 3; JNPES: 1; TASKS: 30; TPN: 20
```

```
++ OMP_PROC_BIND=true
```

```
++ OMP_NUM_THREADS=2
```

```
++ mpiexec -n 30 -bind-to
```

```
user:0+1,2+3,4+5,6+7,8+9,10+11,12+13,14+15,16+17,18+19,20+21,22+23,24+25,26+27,28+29,30+31,32+33,34+35,36,37,38,39,40,41,42,43,44,45,46,47 ./fv3.exe
```

```
in readxml,bf readxml,size(post_avblflds%param)=      112
```

```
xml_perl_data read Post flat file
```

```
allocate paramset to :      2
```

```
allocate param to :      112
```

```
sum num_post_afld :      112
```

```
allocate param to :      197
```

```
sum num_post_afld :      309
```

```
in readxml, aft read flat file.xml,num_post_afld=      197
```

```
in readxml, aft read flat file.xml,num_pset=      2
```

```
Size of pset is:      197
```

```
datset is: GFSPRS
```

```
MXFLD is:      1200
```

```
size of lvlxml:      154500
```

```
size of post_avblflds param      197
```

```
in readxml. nflid=      197 nrecout=      1095
```

```
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
```

```

PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:          112
datset is: GFSFLX
MXFLD is:                1200
size of lvlxml:          154500
size of post_avblflds param      112
in readxml. nfld=        112 nrecout=      121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done

```

Running test for rst with

THR: 1; INPES: 3; JNPES: 2; TASKS: 48; TPN: 40

```
++ mpiexec -n 80 -bind-to
```

```
user:0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47 ./fv3.exe
```

```

in readxml,bf readxml,size(post_avblflds%param)=      112
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :             112
sum num_post_afld :             112
allocate param to :             197
sum num_post_afld :             309
in readxml, aft read flat file.xml,num_post_afld=      197
in readxml, aft read flat file.xml,num_pset=            2
Size of pset is:                197
datset is: GFSPRS
MXFLD is:                1200
size of lvlxml:          154500
size of post_avblflds param      197
in readxml. nfld=        197 nrecout=     1095
PROCESS starts

```

```
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:          112
dataset is: GFSFLX
MXFLD is:                1200
size of lvlxml:          154500
size of post_avblflds param      112
in readxml. nflid=        112 nrecout=        121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
```

```
cat: '/home/builder/ufs-weather-model/tests/log_opnReqTest_linux.gnu/compile_*_time.log': No such file or directory
```

```
baseline dir = /home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/control_p8_bit_base
working dir  = /home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/control_p8_bit_base
Checking test bit_base control_p8 results ....
Moving baseline bit_base control_p8 files ....
Moving sfcf000.nc .....OK
Moving sfcf021.nc .....OK
Moving sfcf024.nc .....OK
Moving atmf000.nc .....OK
Moving atmf021.nc .....OK
Moving atmf024.nc .....OK
```

```
Moving GFSFLX.GrbF00 .....OK
Moving GFSFLX.GrbF21 .....OK
Moving GFSFLX.GrbF24 .....OK
Moving GFSPRS.GrbF00 .....OK
Moving GFSPRS.GrbF21 .....OK
Moving GFSPRS.GrbF24 .....OK
Moving RESTART/coupler.res .....OK
Moving RESTART/fv_core.res.nc .....OK
Moving RESTART/fv_core.res.tile1.nc .....OK
Moving RESTART/fv_core.res.tile2.nc .....OK
Moving RESTART/fv_core.res.tile3.nc .....OK
Moving RESTART/fv_core.res.tile4.nc .....OK
Moving RESTART/fv_core.res.tile5.nc .....OK
Moving RESTART/fv_core.res.tile6.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile1.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile2.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile3.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile4.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile5.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile6.nc .....OK
Moving RESTART/fv_tracer.res.tile1.nc .....OK
Moving RESTART/fv_tracer.res.tile2.nc .....OK
Moving RESTART/fv_tracer.res.tile3.nc .....OK
Moving RESTART/fv_tracer.res.tile4.nc .....OK
Moving RESTART/fv_tracer.res.tile5.nc .....OK
Moving RESTART/fv_tracer.res.tile6.nc .....OK
Moving RESTART/phy_data.tile1.nc .....OK
Moving RESTART/phy_data.tile2.nc .....OK
Moving RESTART/phy_data.tile3.nc .....OK
Moving RESTART/phy_data.tile4.nc .....OK
Moving RESTART/phy_data.tile5.nc .....OK
Moving RESTART/phy_data.tile6.nc .....OK
Moving RESTART/sfc_data.tile1.nc .....OK
Moving RESTART/sfc_data.tile2.nc .....OK
Moving RESTART/sfc_data.tile3.nc .....OK
Moving RESTART/sfc_data.tile4.nc .....OK
Moving RESTART/sfc_data.tile5.nc .....OK
Moving RESTART/sfc_data.tile6.nc .....OK
```

```
The total amount of wall time           = 727.809210
The maximum resident set size (KB)     = 1482980
```

Test bit\_base control\_p8 PASS

OPERATION REQUIREMENT TEST WAS SUCCESSFUL

Elapsed time: 00h:15m:07s. Have a nice day!

opnReqTest finished

Using non-aerosol-aware version of Thompson microphysics  
calling table\_ccnAct routine

```
creating qc collision eff tables
creating rain evap table
creating ice converting to snow table
creating rain collecting graupel table
creating freezing of water drops table
... DONE microphysical lookup tables
[Pipeline] }
[Pipeline] // stage
Post stage
[Pipeline] sh
++ docker image ls
++ grep -E -m1 ci-test-weather
++ awk '{ print $3 }'
+ docker rmi -f b54b28f0cfa5
Untagged: ci-test-weather:latest
Deleted: sha256:b54b28f0cfa55e01a2fd5f0c30ebd2baa4e5f9712c811a050aba5c553037b9c9
Deleted: sha256:a45b2d0e0f53fa17acb6e30b0e9327d962750fca2b0934096e8c68e200563871
Deleted: sha256:574daace90cd433bc69adf1421bd1ae215c0ddb9a39ce33a38af7738be9e97e7
Deleted: sha256:d5ec4f22e6231f08788d98b9175418737dcb3cbb157412627a2550dfffb00eac8
Deleted: sha256:e9ebf8ee3f3f8203065f80bf97d8c091241d2c2aabcfeb27929822db668b7412
Deleted: sha256:1b98e892ffa2f5f7290d2b89e2ac42848bbb30e5399a9a7c76e19a87ff3afaec
Deleted: sha256:f51d2b5a0bb2c52c17098930e4d579275b9cb351d2163625ff702eb353116c44
Deleted: sha256:2b3a3dd468de1eed73c895b6a5c45d1b1b61a4d43cc2308139b38ff832a99b1e
Deleted: sha256:a9480a2ff4b841418eb2ee782b1d8cb552863760b2ab23a5c65b4cbe1cf0f6a5
Deleted: sha256:c315882f674117af66b434adcafd0468d5b04c7c6ddea745c4d53064dd273860
Deleted: sha256:fca44090a2ca3cbb42508c0fe5e822f6b38dc53313e8a9fb769189123e19a434
Deleted: sha256:020c8e00d15823a02229cbedeaa76acc6bad13f2f15a106dd4be3bbbeacbdffc
Deleted: sha256:3754f395f0c5e0675facb2fb48040d02a21ca507232fc19715ec5c3c9fbb90f3
Deleted: sha256:781a23cd53eb99a03a7b1428866645d2f2be1be2b47d78abe0a4c9cb107535adf
Deleted: sha256:8cc1126f9ffba2778943532e6fe49fe16ff3683f21590bd38e911f4a6af38ea0
Deleted: sha256:9b8e39aef40bfe916c965fdfa5667cf7a53e8bbd59aa61f592c8040929a31528
++ docker image ls
++ grep -E -m1 noaaepic
++ awk '{ print $3 }'
+ docker rmi -f 1920f81f6556
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-stack@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
Deleted: sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738
Deleted: sha256:d91d700fe046d8b5dca3b82d589783b859fa1d0f59b40b5c92554d25cbf68acc
Deleted: sha256:5b27180194225db246c7f38ae95fd1e3ed42abfa879c99a994e23184bce24194
Deleted: sha256:00cea692fd3d2f6b60f8530cf7603cb35aae6c603e6e4499befcd760adffcb5f
Deleted: sha256:d62a59fb641ccac293f6efe114a11d6b94238b8f8254516bf9f4fff75e77033e
Deleted: sha256:0130cb63d59064b5287f4f6638c598add5452f44bfb36f0be6ed076a72a3d4c
Deleted: sha256:99cb320efbde2e6ae4b21e9a5c378c5809bf62934f267b2089951ec8e6b72e63
Deleted: sha256:a3bedca2c8f09e4c2f51767170225f1252e46377b4ca9fa741e27fd90e2409f5
Deleted: sha256:3dd8c8d4fd5b59d543c8f75a67cdfaab30aef5a6d99aea3fe74d8cc69d4e7bf2
Deleted: sha256:8d8dceacec7085abcab1f93ac1128765bc6cf0caac334c821e01546bd96eb741
Deleted: sha256:ccd8b80308cc5ef43b605ac28fac29c6a597f89f5a169bbdbb8dec29c987439
[Pipeline] }
```

```

[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
in readxml,bf readxml,size(post_avblflds%param)=          112
xml_perl_data read Post flat file
allocate paramset to :                2
allocate param to :                    112
sum num_post_afld :                    112
allocate param to :                    197
sum num_post_afld :                    309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=                2
Size of pset is:                      197
datset is: GFSPRS
MXFLD is:                               1200
size of lvlxml:                         154500
size of post_avblflds param              197
in readxml. nfld=                       197 nrecout=         1095
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:                        112
datset is: GFSFLX
MXFLD is:                               1200
size of lvlxml:                         154500
size of post_avblflds param              112
in readxml. nfld=                       112 nrecout=         121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done

```

```

PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done

```

Running test for dcp with

```
THR: 1; INPES: 2; JNPES: 3; TASKS: 48; TPN: 40
```

Using non-aerosol-aware version of Thompson microphysics

```

calling table_ccnAct routine
creating qc collision eff tables
creating rain evap table
creating ice converting to snow table
creating rain collecting graupel table
creating freezing of water drops table
... DONE microphysical lookup tables

```

```
++ mpiexec -n 80 -bind-to
```

```
user:0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47 ./fv3.exe
```

```

in readxml,bf readxml,size(post_avblflds%param)=          1
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :          47
sum num_post_afld :          47
allocate param to :          150
sum num_post_afld :          197
in readxml, aft read flat file.xml,num_post_afld=          150
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          150
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          98500
size of post_avblflds param          150
in readxml. nfld=          150 nrecout=          1048
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done

```

```

PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:          47
datset is: GFSFLX
MXFLD is:          1200
size of lvlxml:          98500
size of post_avblflds param          47
in readxml. nfld=          47 nrecout=          56
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
in readxml,bf readxml,size(post_avblflds%param)=          112
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :          112
sum num_post_afld :          112
allocate param to :          197
sum num_post_afld :          309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          197
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          197
in readxml. nfld=          197 nrecout=          1095
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done

```



```

PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:          112
dataset is: GFSFLX
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          112
in readxml. nflid=          112 nrecout=          121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done

```

Running test for mpi with

```

  THRD: 1; INPES: 2; JNPES: 2; TASKS: 48; TPN: 40

```

```

++ mpiexec -n 80 -bind-to

```

```

user:0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47 ./fv3.exe

```

Using non-aerosol-aware version of Thompson microphysics

```

  calling table_ccnAct routine
  creating qc collision eff tables
  creating rain evap table
  creating ice converting to snow table
  creating rain collecting graupel table
  creating freezing of water drops table
  ... DONE microphysical lookup tables

```

```

in readxml,bf readxml,size(post_avblflds%param)=          1
xml_perl_data read Post flat file
allocate paramset to :          2

```

```
allocate param to :          47
sum num_post_afld :         47
allocate param to :         150
sum num_post_afld :         197
in readxml, aft read flat file.xml,num_post_afld=          150
in readxml, aft read flat file.xml,num_pset=                2
Size of pset is:          150
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          98500
size of post_avblflds param          150
in readxml. nfld=          150 nrecout=          1048
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:          47
datset is: GFSFLX
MXFLD is:          1200
size of lvlxml:          98500
size of post_avblflds param          47
in readxml. nfld=          47 nrecout=          56
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
```

PROCESS done

Using non-aerosol-aware version of Thompson microphysics

```

calling table_ccnAct routine
creating qc collision eff tables
creating rain evap table
creating ice converting to snow table
creating rain collecting graupel table
creating freezing of water drops table
... DONE microphysical lookup tables
in readxml,bf readxml,size(post_avblflds%param)=          1
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :          112
sum num_post_afld :          112
allocate param to :          197
sum num_post_afld :          309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          197
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          197
in readxml. nfld=          197 nrecout=          1095
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:          112
datset is: GFSFLX
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          112
in readxml. nfld=          112 nrecout=          121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done

```

```

PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
in readxml,bf readxml,size(post_avblflds%param)=          1
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :          47
sum num_post_afld :          47
allocate param to :          150
sum num_post_afld :          197
in readxml, aft read flat file.xml,num_post_afld=          150
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          150
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          98500
size of post_avblflds param          150
in readxml. nfld=          150 nrecout=          1048
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:          47
datset is: GFSFLX
MXFLD is:          1200
size of lvlxml:          98500
size of post_avblflds param          47

```

```

in readxml. nfld=          47 nrecout=          56
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
in readxml,bf readxml,size(post_avblflds%param)=          112
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :          112
sum num_post_afld :          112
allocate param to :          197
sum num_post_afld :          309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          197
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          197
in readxml. nfld=          197 nrecout=          1095
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:          112

```

```

dataset is: GFSFLX
MXFLD is:      1200
size of lvlxml:      154500
size of post_avblflds param      112
in readxml. nfld=      112 nrecout=      121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
in readxml,bf readxml,size(post_avblflds%param)=      112
xml_perl_data read Post flat file
allocate paramset to :      2
allocate param to :      112
sum num_post_afld :      112
allocate param to :      197
sum num_post_afld :      309
in readxml, aft read flat file.xml,num_post_afld=      197
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      197
dataset is: GFSPRS
MXFLD is:      1200
size of lvlxml:      154500
size of post_avblflds param      197
in readxml. nfld=      197 nrecout=      1095
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends

```

```

PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:          112
dataset is: GFSFLX
MXFLD is:                1200
size of lvl$xml:         154500
size of post_avblflds param      112
in readxml. nfld=        112 nrecout=      121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
in readxml,bf readxml,size(post_avblflds%param)=      112
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :            112
sum num_post_afld :            112
allocate param to :            197
sum num_post_afld :            309
in readxml, aft read flat file.xml,num_post_afld=      197
in readxml, aft read flat file.xml,num_pset=           2
Size of pset is:              197
dataset is: GFSPRS
MXFLD is:                    1200
size of lvl$xml:              154500
size of post_avblflds param      197
in readxml. nfld=            197 nrecout=          1095
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done

```

```
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:          112
datset is: GFSFLX
MXFLD is:                1200
size of lvlxml:          154500
size of post_avblflds param      112
in readxml. nfld=        112 nrecout=      121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
```

cat: '/home/builder/ufs-weather-model/tests/log\_opnReqTest\_linux.gnu/compile\_\*\_time.log': No such file or directory

baseline dir = /home/builder/stmp4/builder/FV3\_OPNREQ\_TEST/OPNREQ\_TEST/control\_p8\_std\_base

working dir = /home/builder/stmp2/builder/FV3\_OPNREQ\_TEST/opnReqTest\_7/control\_p8\_rst

Checking test rst control\_p8 results ....

```
Comparing GFSFLX.GrbF24 .....OK
Comparing GFSPRS.GrbF24 .....OK
Comparing RESTART/coupler.res .....OK
Comparing RESTART/fv_core.res.nc .....SKIP for gnu compilers
Comparing RESTART/fv_core.res.tile1.nc .....OK
Comparing RESTART/fv_core.res.tile2.nc .....OK
Comparing RESTART/fv_core.res.tile3.nc .....OK
Comparing RESTART/fv_core.res.tile4.nc .....OK
Comparing RESTART/fv_core.res.tile5.nc .....OK
Comparing RESTART/fv_core.res.tile6.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile1.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile2.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile3.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile4.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile5.nc .....OK
```



```
Comparing RESTART/fv_srf_wnd.res.tile6.nc .....OK
Comparing RESTART/fv_tracer.res.tile1.nc .....OK
Comparing RESTART/fv_tracer.res.tile2.nc .....OK
Comparing RESTART/fv_tracer.res.tile3.nc .....OK
Comparing RESTART/fv_tracer.res.tile4.nc .....OK
Comparing RESTART/fv_tracer.res.tile5.nc .....OK
Comparing RESTART/fv_tracer.res.tile6.nc .....OK
Comparing RESTART/phy_data.tile1.nc .....OK
Comparing RESTART/phy_data.tile2.nc .....OK
Comparing RESTART/phy_data.tile3.nc .....OK
Comparing RESTART/phy_data.tile4.nc .....OK
Comparing RESTART/phy_data.tile5.nc .....OK
Comparing RESTART/phy_data.tile6.nc .....OK
Comparing RESTART/sfc_data.tile1.nc .....OK
Comparing RESTART/sfc_data.tile2.nc .....OK
Comparing RESTART/sfc_data.tile3.nc .....OK
Comparing RESTART/sfc_data.tile4.nc .....OK
Comparing RESTART/sfc_data.tile5.nc .....OK
Comparing RESTART/sfc_data.tile6.nc .....OK
Comparing atmf024.nc .....OK
Comparing sfcf024.nc .....OK
```

```
The total amount of wall time           = 326.073619
The maximum resident set size (KB)     = 807620
```

Test rst control\_p8 PASS

```
baseline dir = /home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/control_p8_std_base
working dir  = /home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/control_p8_std_base
Checking test std_base control_p8 results ....
Moving baseline std_base control_p8 files ....
Moving sfcf000.nc .....OK
Moving sfcf021.nc .....OK
Moving sfcf024.nc .....OK
Moving atmf000.nc .....OK
Moving atmf021.nc .....OK
Moving atmf024.nc .....OK
Moving GFSFLX.GrbF00 .....OK
Moving GFSFLX.GrbF21 .....OK
Moving GFSFLX.GrbF24 .....OK
Moving GFSPRS.GrbF00 .....OK
Moving GFSPRS.GrbF21 .....OK
Moving GFSPRS.GrbF24 .....OK
Moving RESTART/coupler.res .....OK
Moving RESTART/fv_core.res.nc .....OK
Moving RESTART/fv_core.res.tile1.nc .....OK
Moving RESTART/fv_core.res.tile2.nc .....OK
Moving RESTART/fv_core.res.tile3.nc .....OK
```

```
Moving RESTART/fv_core.res.tile4.nc .....OK
Moving RESTART/fv_core.res.tile5.nc .....OK
Moving RESTART/fv_core.res.tile6.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile1.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile2.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile3.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile4.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile5.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile6.nc .....OK
Moving RESTART/fv_tracer.res.tile1.nc .....OK
Moving RESTART/fv_tracer.res.tile2.nc .....OK
Moving RESTART/fv_tracer.res.tile3.nc .....OK
Moving RESTART/fv_tracer.res.tile4.nc .....OK
Moving RESTART/fv_tracer.res.tile5.nc .....OK
Moving RESTART/fv_tracer.res.tile6.nc .....OK
Moving RESTART/phy_data.tile1.nc .....OK
Moving RESTART/phy_data.tile2.nc .....OK
Moving RESTART/phy_data.tile3.nc .....OK
Moving RESTART/phy_data.tile4.nc .....OK
Moving RESTART/phy_data.tile5.nc .....OK
Moving RESTART/phy_data.tile6.nc .....OK
Moving RESTART/sfc_data.tile1.nc .....OK
Moving RESTART/sfc_data.tile2.nc .....OK
Moving RESTART/sfc_data.tile3.nc .....OK
Moving RESTART/sfc_data.tile4.nc .....OK
Moving RESTART/sfc_data.tile5.nc .....OK
Moving RESTART/sfc_data.tile6.nc .....OK
```

```
The total amount of wall time           = 667.262422
The maximum resident set size (KB)     = 1436068
```

Test std\_base control\_p8 PASS

OPERATION REQUIREMENT TEST WAS SUCCESSFUL

Elapsed time: 00h:19m:50s. Have a nice day!

opnReqTest finished

[Pipeline] }

[Pipeline] // stage

Post stage

[Pipeline] sh

```
++ docker image ls
```

```
++ grep -E -m1 ci-test-weather
```

```
++ awk '{ print $3 }'
```

```
+ docker rmi -f 44140e5d00ef
```

Untagged: ci-test-weather:latest

Deleted: sha256:44140e5d00efb993372ec4029adf20df0b7a3f5843e7d0e10c0aba2cedb116b2

Deleted: sha256:ab8cfdc27ff836a3878ab8f81a59e13b9097bc5de0c4788ce82154ddfa2bd1

Deleted: sha256:f1714ea5b6602ab3a365fced96e0af4cf9faaa5cef87153f2b528a731200e30e

Deleted: sha256:5343d428d213d278dd383b6fcd15b48dced8ad47a46c010018b6dc760a66c689

```

Deleted: sha256:74d263d43cea3c4fe813c3ad461376571511b686e587ef1d5b79106592c51990
Deleted: sha256:aebe856c92f29be03efb67d607c22aa8c5c95add91aaa41b72f694ff22896c8b
Deleted: sha256:266c1be882f8be842eb105fe5d5e36e55d093eb93a88a41a94312d49091b0f51
Deleted: sha256:b4edd8264b1c5c63ab51ad57c07e33fdd412ca88eeb885d33983261a91683d43
Deleted: sha256:eff8681baab06cf48c70b88d5a572b86fb98be8ac5a28bb7f0bf9b1c8ecd5d00
Deleted: sha256:6ac71da2608ab903610a4200d6d5bcf6e1532f5e46969628300fd9ab8dad670a
Deleted: sha256:55c3cc30cce3406c1ee89ef8b20919ace1c04b7fdb6e84784aa8e1f4ec10517a
Deleted: sha256:75752ae6d611a3a32cb516cebdfefbac9a24f18cf87118b17b446b7fcf6efe7e
Deleted: sha256:a7a0d3d66bf22f8bb5ed9722d8c01963876ab842301f22d2e0fb45388ef60b9c
Deleted: sha256:afa4b3a825a49b045d6d97252c4dd7d767fcc4d15081ad997000114447c6d18a
Deleted: sha256:aa19bf8118829b95da03f81d24e16ee53c3bea426cd47fd595e33fc2ce47328c
Deleted: sha256:f4658bbc7b533291f0b04b9748e6e52882a7a920ec118ce58b61b43e813ee7da
++ docker image ls
++ grep -E -m1 noaaepic
++ awk '{ print $3 }'
+ docker rmi -f 1920f81f6556
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-stack@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
Deleted: sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738
Deleted: sha256:d91d700fe046d8b5dca3b82d589783b859fa1d0f59b40b5c92554d25cbf68acc
Deleted: sha256:5b27180194225db246c7f38ae95fd1e3ed42abfa879c99a994e23184bce24194
Deleted: sha256:00cea692fd3d2f6b60f8530cf7603cb35aae6c603e6e4499befcd760adffcb5f
Deleted: sha256:d62a59fb641ccac293f6efe114a11d6b94238b8f8254516bf9f4ffff75e77033e
Deleted: sha256:0130cb63d59064b5287f4f6638c598add5452f44bfb36f0be6ed076a72a3d4c
Deleted: sha256:99cb320efbde2e6ae4b21e9a5c378c5809bf62934f267b2089951ec8e6b72e63
Deleted: sha256:a3bedca2c8f09e4c2f51767170225f1252e46377b4ca9fa741e27fd90e2409f5
Deleted: sha256:3dd8c8d4fd5b59d543c8f75a67cdfaab30aef5a6d99aea3fe74d8cc69d4e7bf2
Deleted: sha256:8d8dceacec7085abcab1f93ac1128765bc6cf0caac334c821e01546bd96eb741
Deleted: sha256:ccdbb80308cc5ef43b605ac28fac29c6a597f89f5a169bbdbb8dec29c987439
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
  in readxml,bf readxml,size(post_avblflds%param)=          47
  xml_perl_data read Post flat file
  allocate paramset to :          2
  allocate param to :          112
  sum num_post_afld :          112
  allocate param to :          197
  sum num_post_afld :          309
  in readxml, aft read flat file.xml,num_post_afld=          197
  in readxml, aft read flat file.xml,num_pset=          2
  Size of pset is:          197
  datset is: GFSPRS

```

```
MXFLD is:          1200
size of lvlxml:    154500
size of post_avblflds param      197
in readxml. nfld=      197 nrecout=      1095
```

```
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
```

```
Size of pset is:      112
```

```
dataset is: GFSFLX
```

```
MXFLD is:          1200
size of lvlxml:    154500
size of post_avblflds param      112
in readxml. nfld=      112 nrecout=      121
```

```
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
```

```
cat: '/home/builder/ufs-weather-model/tests/log_opnReqTest_linux.gnu/compile_*_time.log': No such file or directory
```

```
baseline dir = /home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/cpld_control_c96_noaero_p8_dbg_base
```

```
working dir = /home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/cpld_control_nowave_noaero_p8_dbg_base
```

```
Checking test dbg_base cpld_control_nowave_noaero_p8 results ....
```

```
Moving baseline dbg_base cpld_control_nowave_noaero_p8 files ....
```

```
Moving sfcf003.tile1.nc .....OK
```

```
Moving sfcf003.tile2.nc .....OK
Moving sfcf003.tile3.nc .....OK
Moving sfcf003.tile4.nc .....OK
Moving sfcf003.tile5.nc .....OK
Moving sfcf003.tile6.nc .....OK
Moving atmf003.tile1.nc .....OK
Moving atmf003.tile2.nc .....OK
Moving atmf003.tile3.nc .....OK
Moving atmf003.tile4.nc .....OK
Moving atmf003.tile5.nc .....OK
Moving atmf003.tile6.nc .....OK
Moving RESTART/coupler.res .....OK
Moving RESTART/fv_core.res.nc .....OK
Moving RESTART/fv_core.res.tile1.nc .....OK
Moving RESTART/fv_core.res.tile2.nc .....OK
Moving RESTART/fv_core.res.tile3.nc .....OK
Moving RESTART/fv_core.res.tile4.nc .....OK
Moving RESTART/fv_core.res.tile5.nc .....OK
Moving RESTART/fv_core.res.tile6.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile1.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile2.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile3.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile4.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile5.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile6.nc .....OK
Moving RESTART/fv_tracer.res.tile1.nc .....OK
Moving RESTART/fv_tracer.res.tile2.nc .....OK
Moving RESTART/fv_tracer.res.tile3.nc .....OK
Moving RESTART/fv_tracer.res.tile4.nc .....OK
Moving RESTART/fv_tracer.res.tile5.nc .....OK
Moving RESTART/fv_tracer.res.tile6.nc .....OK
Moving RESTART/phy_data.tile1.nc .....OK
Moving RESTART/phy_data.tile2.nc .....OK
Moving RESTART/phy_data.tile3.nc .....OK
Moving RESTART/phy_data.tile4.nc .....OK
Moving RESTART/phy_data.tile5.nc .....OK
Moving RESTART/phy_data.tile6.nc .....OK
Moving RESTART/sfc_data.tile1.nc .....OK
Moving RESTART/sfc_data.tile2.nc .....OK
Moving RESTART/sfc_data.tile3.nc .....OK
Moving RESTART/sfc_data.tile4.nc .....OK
Moving RESTART/sfc_data.tile5.nc .....OK
Moving RESTART/sfc_data.tile6.nc .....OK
Moving RESTART/MOM.res.nc .....OK
Moving RESTART/iced.2021-03-22-32400.nc .....OK
Moving RESTART/ufs.cpld.cpl.r.2021-03-22-32400.nc .....OK
```

```
The total amount of wall time           = 1314.181577
The maximum resident set size (KB)      = 1961876
```

Test dbg\_base cpld\_control\_nowave\_noaero\_p8 PASS

OPERATION REQUIREMENT TEST WAS SUCCESSFUL

Elapsed time: 00h:23m:34s. Have a nice day!

opnReqTest finished

```

in readxml,bf readxml,size(post_avblflds%param)=      112
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :            112
sum num_post_afld :            112
allocate param to :            197
sum num_post_afld :            309
in readxml, aft read flat file.xml,num_post_afld=      197
in readxml, aft read flat file.xml,num_pset=           2
Size of pset is:              197
dataset is: GFSPRS
MXFLD is:                     1200
size of lvlxml:                154500
size of post_avblflds param    197
in readxml. nfld=              197 nrecout=            1095
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:              112
dataset is: GFSFLX
MXFLD is:                     1200
size of lvlxml:                154500
size of post_avblflds param    112
in readxml. nfld=              112 nrecout=            121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done

```

```
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
```

```
cat: '/home/builder/ufs-weather-model/tests/log_opnReqTest_linux.gnu/compile_*_time.log': No such file or directory
```

```
baseline dir = /home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/control_p8_std_base
```

```
working dir = /home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/control_p8_dcp
```

```
Checking test dcp control_p8 results ....
```

```
Comparing sfcf000.nc .....OK
Comparing sfcf021.nc .....OK
Comparing sfcf024.nc .....OK
Comparing atmf000.nc .....OK
Comparing atmf021.nc .....OK
Comparing atmf024.nc .....OK
Comparing GFSFLX.GrbF00 .....OK
Comparing GFSFLX.GrbF21 .....OK
Comparing GFSFLX.GrbF24 .....OK
Comparing GFSPRS.GrbF00 .....OK
Comparing GFSPRS.GrbF21 .....OK
Comparing GFSPRS.GrbF24 .....OK
Comparing RESTART/coupler.res .....OK
Comparing RESTART/fv_core.res.nc .....SKIP for gnu compilers
Comparing RESTART/fv_core.res.tile1.nc .....OK
Comparing RESTART/fv_core.res.tile2.nc .....OK
Comparing RESTART/fv_core.res.tile3.nc .....OK
Comparing RESTART/fv_core.res.tile4.nc .....OK
Comparing RESTART/fv_core.res.tile5.nc .....OK
Comparing RESTART/fv_core.res.tile6.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile1.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile2.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile3.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile4.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile5.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile6.nc .....OK
Comparing RESTART/fv_tracer.res.tile1.nc .....OK
Comparing RESTART/fv_tracer.res.tile2.nc .....OK
Comparing RESTART/fv_tracer.res.tile3.nc .....OK
Comparing RESTART/fv_tracer.res.tile4.nc .....OK
Comparing RESTART/fv_tracer.res.tile5.nc .....OK
Comparing RESTART/fv_tracer.res.tile6.nc .....OK
Comparing RESTART/phy_data.tile1.nc .....OK
Comparing RESTART/phy_data.tile2.nc .....OK
```

```
Comparing RESTART/phy_data.tile3.nc .....OK
Comparing RESTART/phy_data.tile4.nc .....OK
Comparing RESTART/phy_data.tile5.nc .....OK
Comparing RESTART/phy_data.tile6.nc .....OK
Comparing RESTART/sfc_data.tile1.nc .....OK
Comparing RESTART/sfc_data.tile2.nc .....OK
Comparing RESTART/sfc_data.tile3.nc .....OK
Comparing RESTART/sfc_data.tile4.nc .....OK
Comparing RESTART/sfc_data.tile5.nc .....OK
Comparing RESTART/sfc_data.tile6.nc .....OK
```

```
The total amount of wall time           = 669.769338
The maximum resident set size (KB)     = 1433480
```

Test dcp control\_p8 PASS

```
baseline dir = /home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/control_p8_std_base
working dir  = /home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/control_p8_std_base
Checking test std_base control_p8 results ....
Moving baseline std_base control_p8 files ....
Moving sfcf000.nc .....OK
Moving sfcf021.nc .....OK
Moving sfcf024.nc .....OK
Moving atmf000.nc .....OK
Moving atmf021.nc .....OK
Moving atmf024.nc .....OK
Moving GFSFLX.GrbF00 .....OK
Moving GFSFLX.GrbF21 .....OK
Moving GFSFLX.GrbF24 .....OK
Moving GFSPRS.GrbF00 .....OK
Moving GFSPRS.GrbF21 .....OK
Moving GFSPRS.GrbF24 .....OK
Moving RESTART/coupler.res .....OK
Moving RESTART/fv_core.res.nc .....OK
Moving RESTART/fv_core.res.tile1.nc .....OK
Moving RESTART/fv_core.res.tile2.nc .....OK
Moving RESTART/fv_core.res.tile3.nc .....OK
Moving RESTART/fv_core.res.tile4.nc .....OK
Moving RESTART/fv_core.res.tile5.nc .....OK
Moving RESTART/fv_core.res.tile6.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile1.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile2.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile3.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile4.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile5.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile6.nc .....OK
Moving RESTART/fv_tracer.res.tile1.nc .....OK
Moving RESTART/fv_tracer.res.tile2.nc .....OK
```



```
Moving RESTART/fv_tracer.res.tile3.nc .....OK
Moving RESTART/fv_tracer.res.tile4.nc .....OK
Moving RESTART/fv_tracer.res.tile5.nc .....OK
Moving RESTART/fv_tracer.res.tile6.nc .....OK
Moving RESTART/phy_data.tile1.nc .....OK
Moving RESTART/phy_data.tile2.nc .....OK
Moving RESTART/phy_data.tile3.nc .....OK
Moving RESTART/phy_data.tile4.nc .....OK
Moving RESTART/phy_data.tile5.nc .....OK
Moving RESTART/phy_data.tile6.nc .....OK
Moving RESTART/sfc_data.tile1.nc .....OK
Moving RESTART/sfc_data.tile2.nc .....OK
Moving RESTART/sfc_data.tile3.nc .....OK
Moving RESTART/sfc_data.tile4.nc .....OK
Moving RESTART/sfc_data.tile5.nc .....OK
Moving RESTART/sfc_data.tile6.nc .....OK
```

```
The total amount of wall time           = 668.146220
The maximum resident set size (KB)     = 1432428
```

Test std\_base control\_p8 PASS

OPERATION REQUIREMENT TEST WAS SUCCESSFUL

Elapsed time: 00h:25m:35s. Have a nice day!

opnReqTest finished

[Pipeline] }

[Pipeline] // stage

Post stage

[Pipeline] sh

[Pipeline] }

++ docker image ls

++ grep -E -m1 ci-test-weather

++ awk '{ print \$3 }'

+ docker rmi -f e8809a57bae8

Untagged: ci-test-weather:latest

Deleted: sha256:e8809a57bae85a431628cf38a118df17f88a297001f3ec74dd5cff8055ce47aa

Deleted: sha256:6040db6bb6baed94a174d77bf2765480488322a1ae54f332e85a03964acf5e83

Deleted: sha256:0b40c445e5bd1d63ed7cb637dea6400d47c6f6641b1b088a6f161ae461723e9f

Deleted: sha256:f65f65a25c25ffaea211fc2ff5c0680ba700d338158f5ae77b188b855768e6bc

Deleted: sha256:c04b22332736af886744bdd3f4f62bdde4b949b8ebf7a5e85a82248d5a7b43a4

Deleted: sha256:d5a605ddd5cb99d51b8f92c557bb92158a2385cc877ed590b71fb27541c75ebc

Deleted: sha256:7fe990bc15c955c216902a12a71dce7ec355443d93f6b5d67a1a5901c90357d2

Deleted: sha256:e61fcc9cec6aea5bd27e611c0a2b24337d02b4a8767b24721b78b125ad81de28

Deleted: sha256:e6687dd9850c45b892a47853fe01de103f6f6538354a730cfd3f787d4c19fe57

Deleted: sha256:e0e245126363839b879651877bb7c047cfff1f2898f60e13cfa3d0f9f4e8474d

Deleted: sha256:cb051c4c70cfb34e0fab2023b4061769d6fa146c639a4d62a60d1593c4847664

Deleted: sha256:e3f185d2df523a2aca4798367ad72798d0c57df14c4cc0f34c69af313549255b

Deleted: sha256:24d6535c4a77cff93ed86ccba7bd782334925bae33e0df1c572597ec59d3d51a

Deleted: sha256:5be382e40ab22c67a9449549049111e42c0988a52fcf42473feba6deef87fa8a

```
Deleted: sha256:84b8e6613c6ba20fb786d258e2082088738523017deb31cc46b5e5b5eaecd3fd
Deleted: sha256:c149423e62b7c8413b29c67a3a8cda8ed06362a10da3412751f09b2bb7c65b98
++ docker image ls
++ grep -E -m1 noaaepic
++ awk '{ print $3 }'
+ docker rmi -f 1920f81f6556
[Pipeline] // stage
Post stage
[Pipeline] sh
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-stack@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
Deleted: sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738
Deleted: sha256:d91d700fe046d8b5dca3b82d589783b859fa1d0f59b40b5c92554d25cbf68acc
Deleted: sha256:5b27180194225db246c7f38ae95fd1e3ed42abfa879c99a994e23184bce24194
Deleted: sha256:00cea692fd3d2f6b60f8530cf7603cb35aae6c603e6e4499befcd760adffcb5f
Deleted: sha256:d62a59fb641ccac293f6efe114a11d6b94238b8f8254516bf9f4fff75e77033e
Deleted: sha256:0130cb63d59064b5287f4f6638c598add5452f44bfb36f0be6ed076a72a3d4c
Deleted: sha256:99cb320efbde2e6ae4b21e9a5c378c5809bf62934f267b2089951ec8e6b72e63
Deleted: sha256:a3bedca2c8f09e4c2f51767170225f1252e46377b4ca9fa741e27fd90e2409f5
Deleted: sha256:3dd8c8d4fd5b59d543c8f75a67cdfaab30aef5a6d99aea3fe74d8cc69d4e7bf2
Deleted: sha256:8d8dceacec7085abcab1f93ac1128765bc6cf0caac334c821e01546bd96eb741
Deleted: sha256:ccdbb80308cc5ef43b605ac28fac29c6a597f89f5a169bbdbbb8dec29c987439
[Pipeline] }
++ docker image ls
++ grep -E -m1 ci-test-weather
++ awk '{ print $3 }'
+ docker rmi -f bd3455a068c5
Untagged: ci-test-weather:latest
Deleted: sha256:bd3455a068c5eb9660951b7e856ad063fc941a756ca693f0a3a5ecb134ab4ef5
Deleted: sha256:f36b08b0b06a4793fe716f905a42e190682ba6f8a6fbd4939695fa6bd8a60a2
Deleted: sha256:9f9c0b9ad04dc074bbb661b67db212a4bb5191e21fe3b8daee3a50346020c11
Deleted: sha256:3f428af6c0beb3ed2f765aff389d6d4ab47e3072c449d8fc93b14c12a55e949d
Deleted: sha256:7313ef9c81cb1c85b9acef8116bdcfd4408d43e33659d5d1a7227ebee3318651
Deleted: sha256:22524e68700f350e02d4920f08eeb35eaa49e722cb663e25536b46167b77d93e
Deleted: sha256:f19002d125a12b4e9e601c9e08f86dc95fa86d1ccdf3d5c0d99881ec173126e6
Deleted: sha256:3f2da305051767b9a25e0818d20536ff8a8899b5a198bdb63e486d68d8c23bc4
Deleted: sha256:580ef0bf780d3d33652833b67d3408297d4288dee811ceac311dbcacc51be976
Deleted: sha256:9d8d91da0d36882c5e527e99e2cf27fbb6fdd5be98d5fdf18ccd95659b4ab7b
Deleted: sha256:06dae9f7a7485422b537346f7689cd2881879b3120e1c8d43db7fc8aa64e93a9
Deleted: sha256:0d5ee19cd050e5ece38e76ab07db43399928eeb863fe092bfff21601833ceba7c
Deleted: sha256:e9c829cf4b984883d350652f406e74da0dbf0c2789133fe1365f10e2d3a549f6
Deleted: sha256:9ec3ad762b2f68d7d60874c48de35d4627396da0e7542dd2f3d8e37c1b5518a0
Deleted: sha256:73378ea97b5f6cc953a74e9c4b45d726f7aa8df532027c66a5d76c2536492a34
Deleted: sha256:d319cb7b1a1c23783484eb39d6ec595e13702e4dd3f281c7ada5c6ed3b9167af
++ docker image ls
++ grep -E -m1 noaaepic
++ awk '{ print $3 }'
+ docker rmi -f 1920f81f6556
[Pipeline] // withEnv
```

```

[Pipeline] }
[Pipeline] // node
[Pipeline] }
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-stack@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
Deleted: sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738
Deleted: sha256:d91d700fe046d8b5dca3b82d589783b859fa1d0f59b40b5c92554d25cbf68acc
Deleted: sha256:5b27180194225db246c7f38ae95fd1e3ed42abfa879c99a994e23184bce24194
Deleted: sha256:00cea692fd3d2f6b60f8530cf7603cb35aae6c603e6e4499befcd760adffcb5f
Deleted: sha256:d62a59fb641ccac293f6efe114a11d6b94238b8f8254516bf9f4fff75e77033e
Deleted: sha256:0130cb63d59064b5287f4f6638c598add5452f44bfb36f0be6ed076a72a3d4c
Deleted: sha256:99cb320efbde2e6ae4b21e9a5c378c5809bf62934f267b2089951ec8e6b72e63
Deleted: sha256:a3bedca2c8f09e4c2f51767170225f1252e46377b4ca9fa741e27fd90e2409f5
Deleted: sha256:3dd8c8d4fd5b59d543c8f75a67cdfaab30aef5a6d99aea3fe74d8cc69d4e7bf2
Deleted: sha256:8d8dceacec7085abcab1f93ac1128765bc6cf0caac334c821e01546bd96eb741
Deleted: sha256:ccd8b80308cc5ef43b605ac28fac29c6a597f89f5a169bbdbb8dec29c987439
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
Running test for rst with
  THRD: 1; INPES: 2; JNPES: 2; TASKS: 46; TPN: 40
++ mpiexec -n 80 -bind-to
user:0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45
./fv3.exe
(MOM_cap:InitializeAdvertise)current time: y,m,d-      2021      3      22 h,m,s=      18      0      0
(MOM_cap:InitializeAdvertise)start time: y,m,d-      2021      3      22 h,m,s=      6      0      0

WARNING from PE      0: MOM_obsolete_params: ETA_TOLERANCE_AUX is an obsolete run-time flag.

WARNING from PE      0: Open_file is appending .nc to the filename MOM6_OUTPUT/ocean_geometry

WARNING from PE      0: KVML is a deprecated parameter. Use KV_ML_INVZ2 instead.

WARNING from PE      0: set_diffusivity_init: SIMPLE_TKE_TO_KD can not be used reliably with USE_REGRIDDING.

  in readxml,bf readxml,size(post_avblflds%param)=      47

```

```
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :           112
sum num_post_afld :           112
allocate param to :           197
sum num_post_afld :           309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=                2
Size of pset is:          197
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          197
in readxml. nfld=          197 nrecout=          1095
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:          112
datset is: GFSFLX
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          112
in readxml. nfld=          112 nrecout=          121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
```

```
PROCESS MDL2THANDPV done  
PROCESS CALRAD_WCLOUD done  
PROCESS done
```

```
WARNING from PE      0: read_field_2d:time level specified, but the variable tideamp does not have an unlimited dimension in  
INPUT/tidal_amplitude.nc
```

```
WARNING from PE      0: Unused line in INPUT/MOM_input : ODA_INCUPD_FILE = "mom6_increment.nc"
```

```
WARNING from PE      0: Unused line in INPUT/MOM_input : ODA_TEMPINC_VAR = "pt_inc"
```

```
WARNING from PE      0: Unused line in INPUT/MOM_input : ODA_SALTINC_VAR = "s_inc"
```

```
WARNING from PE      0: Unused line in INPUT/MOM_input : ODA_THK_VAR = "h_fg"
```

```
WARNING from PE      0: Unused line in INPUT/MOM_input : ODA_UINC_VAR = "u_inc"
```

```
WARNING from PE      0: Unused line in INPUT/MOM_input : ODA_VINC_VAR = "v_inc"
```

```
WARNING from PE      0: Unused line in INPUT/MOM_input : ODA_INCUPD_NHOURS = 6
```

```
WARNING from PE      0: Unused line in INPUT/MOM_input : WAVE_METHOD = "SURFACE_BANDS"
```

```
WARNING from PE      0: Unused line in INPUT/MOM_input : SURFBAND_SOURCE = "COUPLER"
```

```
WARNING from PE      0: Unused line in INPUT/MOM_input : STK_BAND_COUPLER = 3
```

```
WARNING from PE      0: Unused line in INPUT/MOM_input : SURFBAND_WAVENUMBERS = 0.04, 0.11, 0.3305
```

```
Using non-aerosol-aware version of Thompson microphysics  
calling table_ccnAct routine  
creating qc collision eff tables  
creating rain evap table  
creating ice converting to snow table  
creating rain collecting graupel table  
creating freezing of water drops table  
... DONE microphysical lookup tables  
in readxml,bf readxml,size(post_avblflds%param)=          1
```

```
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :           112
sum num_post_afld :           112
allocate param to :           197
sum num_post_afld :           309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=                2
Size of pset is:          197
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          197
in readxml. nfld=          197 nrecout=          1095
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:          112
datset is: GFSFLX
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          112
in readxml. nfld=          112 nrecout=          121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
```

```

PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
in readxml,bf readxml,size(post_avblflds%param)=      112
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :             112
sum num_post_afld :             112
allocate param to :             197
sum num_post_afld :             309
in readxml, aft read flat file.xml,num_post_afld=      197
in readxml, aft read flat file.xml,num_pset=           2
Size of pset is:                197
dataset is: GFSPRS
MXFLD is:                       1200
size of lvlxml:                  154500
size of post_avblflds param      197
in readxml. nfld=                197 nrecout=          1095
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:                112
dataset is: GFSFLX
MXFLD is:                       1200
size of lvlxml:                  154500
size of post_avblflds param      112
in readxml. nfld=                112 nrecout=          121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done

```

```
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
```

```
cat: '/home/builder/ufs-weather-model/tests/log_opnReqTest_linux.gnu/compile_*_time.log': No such file or directory
```

```
baseline dir = /home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/control_p8_std_base
working dir = /home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/control_p8_std_base
```

```
Checking test std_base control_p8 results ....
```

```
Moving baseline std_base control_p8 files ....
```

```
Moving sfcf000.nc .....OK
Moving sfcf021.nc .....OK
Moving sfcf024.nc .....OK
Moving atmf000.nc .....OK
Moving atmf021.nc .....OK
Moving atmf024.nc .....OK
Moving GFSFLX.GrbF00 .....OK
Moving GFSFLX.GrbF21 .....OK
Moving GFSFLX.GrbF24 .....OK
Moving GFSPRS.GrbF00 .....OK
Moving GFSPRS.GrbF21 .....OK
Moving GFSPRS.GrbF24 .....OK
Moving RESTART/coupler.res .....OK
Moving RESTART/fv_core.res.nc .....OK
Moving RESTART/fv_core.res.tile1.nc .....OK
Moving RESTART/fv_core.res.tile2.nc .....OK
Moving RESTART/fv_core.res.tile3.nc .....OK
Moving RESTART/fv_core.res.tile4.nc .....OK
Moving RESTART/fv_core.res.tile5.nc .....OK
Moving RESTART/fv_core.res.tile6.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile1.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile2.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile3.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile4.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile5.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile6.nc .....OK
Moving RESTART/fv_tracer.res.tile1.nc .....OK
Moving RESTART/fv_tracer.res.tile2.nc .....OK
Moving RESTART/fv_tracer.res.tile3.nc .....OK
Moving RESTART/fv_tracer.res.tile4.nc .....OK
Moving RESTART/fv_tracer.res.tile5.nc .....OK
Moving RESTART/fv_tracer.res.tile6.nc .....OK
Moving RESTART/phy_data.tile1.nc .....OK
Moving RESTART/phy_data.tile2.nc .....OK
Moving RESTART/phy_data.tile3.nc .....OK
Moving RESTART/phy_data.tile4.nc .....OK
```



```
Moving RESTART/phy_data.tile5.nc .....OK
Moving RESTART/phy_data.tile6.nc .....OK
Moving RESTART/sfc_data.tile1.nc .....OK
Moving RESTART/sfc_data.tile2.nc .....OK
Moving RESTART/sfc_data.tile3.nc .....OK
Moving RESTART/sfc_data.tile4.nc .....OK
Moving RESTART/sfc_data.tile5.nc .....OK
Moving RESTART/sfc_data.tile6.nc .....OK
```

```
The total amount of wall time           = 673.765001
The maximum resident set size (KB)     = 1432424
```

Test std\_base control\_p8 PASS

baseline dir = /home/builder/stmp4/builder/FV3\_OPNREQ\_TEST/OPNREQ\_TEST/control\_p8\_std\_base

working dir = /home/builder/stmp2/builder/FV3\_OPNREQ\_TEST/opnReqTest\_7/control\_p8\_thr

Checking test thr control\_p8 results ....

```
Comparing sfcf000.nc .....OK
Comparing sfcf021.nc .....OK
Comparing sfcf024.nc .....OK
Comparing atmf000.nc .....OK
Comparing atmf021.nc .....OK
Comparing atmf024.nc .....OK
Comparing GFSFLX.GrbF00 .....OK
Comparing GFSFLX.GrbF21 .....OK
Comparing GFSFLX.GrbF24 .....OK
Comparing GFSPRS.GrbF00 .....OK
Comparing GFSPRS.GrbF21 .....OK
Comparing GFSPRS.GrbF24 .....OK
Comparing RESTART/coupler.res .....OK
Comparing RESTART/fv_core.res.nc .....SKIP for gnu compilers
Comparing RESTART/fv_core.res.tile1.nc .....OK
Comparing RESTART/fv_core.res.tile2.nc .....OK
Comparing RESTART/fv_core.res.tile3.nc .....OK
Comparing RESTART/fv_core.res.tile4.nc .....OK
Comparing RESTART/fv_core.res.tile5.nc .....OK
Comparing RESTART/fv_core.res.tile6.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile1.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile2.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile3.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile4.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile5.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile6.nc .....OK
Comparing RESTART/fv_tracer.res.tile1.nc .....OK
Comparing RESTART/fv_tracer.res.tile2.nc .....OK
Comparing RESTART/fv_tracer.res.tile3.nc .....OK
Comparing RESTART/fv_tracer.res.tile4.nc .....OK
Comparing RESTART/fv_tracer.res.tile5.nc .....OK
```

```
Comparing RESTART/fv_tracer.res.tile6.nc .....OK
Comparing RESTART/phy_data.tile1.nc .....OK
Comparing RESTART/phy_data.tile2.nc .....OK
Comparing RESTART/phy_data.tile3.nc .....OK
Comparing RESTART/phy_data.tile4.nc .....OK
Comparing RESTART/phy_data.tile5.nc .....OK
Comparing RESTART/phy_data.tile6.nc .....OK
Comparing RESTART/sfc_data.tile1.nc .....OK
Comparing RESTART/sfc_data.tile2.nc .....OK
Comparing RESTART/sfc_data.tile3.nc .....OK
Comparing RESTART/sfc_data.tile4.nc .....OK
Comparing RESTART/sfc_data.tile5.nc .....OK
Comparing RESTART/sfc_data.tile6.nc .....OK
```

```
The total amount of wall time          = 923.991951
The maximum resident set size (KB)     = 1709608
```

```
Test thr control_p8 PASS
```

```
OPERATION REQUIREMENT TEST WAS SUCCESSFUL
```

```
Elapsed time: 00h:29m:52s. Have a nice day!
```

```
opnReqTest finished
```

```
[Pipeline] }
```

```
[Pipeline] // stage
```

```
Post stage
```

```
[Pipeline] sh
```

```
++ docker image ls
```

```
++ grep -E -m1 ci-test-weather
```

```
++ awk '{ print $3 }'
```

```
+ docker rmi -f 74a0564059f6
```

```
Untagged: ci-test-weather:latest
```

```
Deleted: sha256:74a0564059f64f5681813782e71e757e14f725dea97ef6e5313de8d06002f0a6
```

```
Deleted: sha256:856181d601a6b51d1b0358bbb725d9acbe696deeb2ddb55f3047836a57da00d3
```

```
Deleted: sha256:797f31ad779eebb88171ce7bb05c228f372867cc2c2f6b0dda8f11d3d99aff55
```

```
Deleted: sha256:654e8ea1ad98adc0eea1c3b0580a19a69a478891e739e3aecf87473041b47b27
```

```
Deleted: sha256:0da2972529584b465e290157eb5eaa473c65814578c2fa3b22978cb236fbb05
```

```
Deleted: sha256:9c821316a9e8b4c19afdd58cdad289381bcd9537c219cd7df83ba0496704e72a
```

```
Deleted: sha256:bd31943ae6a148b3411ba814e5ea22a2b4347d771f5fa38c74842707f8b75a58
```

```
Deleted: sha256:59b0a49ec209f510d383dac6a6b06c32ea8a0e76b49f3fb8a3a8e95734c4d5bd
```

```
Deleted: sha256:243df5cfc224546af10a6802d92bebe29104c4c18a0bd4eea4e42e13051047c1
```

```
Deleted: sha256:51dfc68cb47188fbbd7505c48204b1850ac1f4fd9788b8481513129297c047c5
```

```
Deleted: sha256:6652fca6836e59fcc8376713c6a9e8aaede684c9795bda6b4ae91831607a1e0a
```

```
Deleted: sha256:9d819a9e3d5aed3d6c76cb95b717a146f74db5b02dbcdbaccfafbaf66441b618
```

```
Deleted: sha256:4359c0bbf6d56c5bcfe9e87f88a11b4739e624f6e608e7fd32f0a1b516b1ebae
```

```
Deleted: sha256:aae8cbe05df1bfff3263ce11b5f88a17c3411a31296162009ed8405ce3db3eab7
```

```
Deleted: sha256:adc17650ff26d9e2dc83ab943fa195d85ac3a1f7941e54e0505aad14bfc29b5c
```

```
Deleted: sha256:e3de39d43d260ead83746e9950b5beae07b7ac799eb3ea24c665c4931da
```

```
++ docker image ls
```

```
++ grep -E -m1 noaaepic
```

```

++ awk '{ print $3 }'
+ docker rmi -f 1920f81f6556
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-stack@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
Deleted: sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738
Deleted: sha256:d91d700fe046d8b5dca3b82d589783b859fa1d0f59b40b5c92554d25cbf68acc
Deleted: sha256:5b27180194225db246c7f38ae95fd1e3ed42abfa879c99a994e23184bce24194
Deleted: sha256:00cea692fd3d2f6b60f8530cf7603cb35aae6c603e6e4499befcd760adffcb5f
Deleted: sha256:d62a59fb641ccac293f6efe114a11d6b94238b8f8254516bf9f4fff75e77033e
Deleted: sha256:0130cb63d59064b5287f4f6638c598add5452f44bfb36f0be6ed076a72a3d4c
Deleted: sha256:99cb320efbde2e6ae4b21e9a5c378c5809bf62934f267b2089951ec8e6b72e63
Deleted: sha256:a3bedca2c8f09e4c2f51767170225f1252e46377b4ca9fa741e27fd90e2409f5
Deleted: sha256:3dd8c8d4fd5b59d543c8f75a67cdfaab30aef5a6d99aea3fe74d8cc69d4e7bf2
Deleted: sha256:8d8dceacec7085abcab1f93ac1128765bc6cf0caac334c821e01546bd96eb741
Deleted: sha256:ccdbb80308cc5ef43b605ac28fac29c6a597f89f5a169bbdbbb8dec29c987439
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
in readxml,bf readxml,size(post_avblflds%param)=          47
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :          112
sum num_post_afld :          112
allocate param to :          197
sum num_post_afld :          309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          197
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          197
in readxml. nfld=          197 nrecout=          1095
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done

```

```

PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:          112
datset is: GFSFLX
MXFLD is:                1200
size of lvlxml:          154500
size of post_avblflds param      112
in readxml. nfld=        112 nrecout=      121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done

```

cat: '/home/builder/ufs-weather-model/tests/log\_opnReqTest\_linux.gnu/compile\_\*\_time.log': No such file or directory

baseline dir = /home/builder/stmp4/builder/FV3\_OPNREQ\_TEST/OPNREQ\_TEST/control\_p8\_std\_base

working dir = /home/builder/stmp2/builder/FV3\_OPNREQ\_TEST/opnReqTest\_7/control\_p8\_mpi

Checking test mpi control\_p8 results ....

```

Comparing sfcf000.nc .....OK
Comparing sfcf021.nc .....OK
Comparing sfcf024.nc .....OK
Comparing atmf000.nc .....OK
Comparing atmf021.nc .....OK
Comparing atmf024.nc .....OK
Comparing GFSFLX.GrbF00 .....OK
Comparing GFSFLX.GrbF21 .....OK
Comparing GFSFLX.GrbF24 .....OK
Comparing GFSPRS.GrbF00 .....OK
Comparing GFSPRS.GrbF21 .....OK
Comparing GFSPRS.GrbF24 .....OK
Comparing RESTART/coupler.res .....OK
Comparing RESTART/fv_core.res.nc .....SKIP for gnu compilers
Comparing RESTART/fv_core.res.tile1.nc .....OK
Comparing RESTART/fv_core.res.tile2.nc .....OK

```

```
Comparing RESTART/fv_core.res.tile3.nc .....OK
Comparing RESTART/fv_core.res.tile4.nc .....OK
Comparing RESTART/fv_core.res.tile5.nc .....OK
Comparing RESTART/fv_core.res.tile6.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile1.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile2.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile3.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile4.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile5.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile6.nc .....OK
Comparing RESTART/fv_tracer.res.tile1.nc .....OK
Comparing RESTART/fv_tracer.res.tile2.nc .....OK
Comparing RESTART/fv_tracer.res.tile3.nc .....OK
Comparing RESTART/fv_tracer.res.tile4.nc .....OK
Comparing RESTART/fv_tracer.res.tile5.nc .....OK
Comparing RESTART/fv_tracer.res.tile6.nc .....OK
Comparing RESTART/phy_data.tile1.nc .....OK
Comparing RESTART/phy_data.tile2.nc .....OK
Comparing RESTART/phy_data.tile3.nc .....OK
Comparing RESTART/phy_data.tile4.nc .....OK
Comparing RESTART/phy_data.tile5.nc .....OK
Comparing RESTART/phy_data.tile6.nc .....OK
Comparing RESTART/sfc_data.tile1.nc .....OK
Comparing RESTART/sfc_data.tile2.nc .....OK
Comparing RESTART/sfc_data.tile3.nc .....OK
Comparing RESTART/sfc_data.tile4.nc .....OK
Comparing RESTART/sfc_data.tile5.nc .....OK
Comparing RESTART/sfc_data.tile6.nc .....OK
```

```
The total amount of wall time           = 954.451644
The maximum resident set size (KB)     = 1574004
```

Test mpi control\_p8 PASS

```
baseline dir = /home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/control_p8_std_base
working dir  = /home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/control_p8_std_base
Checking test std_base control_p8 results ....
Moving baseline std_base control_p8 files ....
Moving sfcf000.nc .....OK
Moving sfcf021.nc .....OK
Moving sfcf024.nc .....OK
Moving atmf000.nc .....OK
Moving atmf021.nc .....OK
Moving atmf024.nc .....OK
Moving GFSFLX.GrbF00 .....OK
Moving GFSFLX.GrbF21 .....OK
Moving GFSFLX.GrbF24 .....OK
Moving GFSPRS.GrbF00 .....OK
```

```
Moving GFSPRS.GrbF21 .....OK
Moving GFSPRS.GrbF24 .....OK
Moving RESTART/coupler.res .....OK
Moving RESTART/fv_core.res.nc .....OK
Moving RESTART/fv_core.res.tile1.nc .....OK
Moving RESTART/fv_core.res.tile2.nc .....OK
Moving RESTART/fv_core.res.tile3.nc .....OK
Moving RESTART/fv_core.res.tile4.nc .....OK
Moving RESTART/fv_core.res.tile5.nc .....OK
Moving RESTART/fv_core.res.tile6.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile1.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile2.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile3.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile4.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile5.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile6.nc .....OK
Moving RESTART/fv_tracer.res.tile1.nc .....OK
Moving RESTART/fv_tracer.res.tile2.nc .....OK
Moving RESTART/fv_tracer.res.tile3.nc .....OK
Moving RESTART/fv_tracer.res.tile4.nc .....OK
Moving RESTART/fv_tracer.res.tile5.nc .....OK
Moving RESTART/fv_tracer.res.tile6.nc .....OK
Moving RESTART/phy_data.tile1.nc .....OK
Moving RESTART/phy_data.tile2.nc .....OK
Moving RESTART/phy_data.tile3.nc .....OK
Moving RESTART/phy_data.tile4.nc .....OK
Moving RESTART/phy_data.tile5.nc .....OK
Moving RESTART/phy_data.tile6.nc .....OK
Moving RESTART/sfc_data.tile1.nc .....OK
Moving RESTART/sfc_data.tile2.nc .....OK
Moving RESTART/sfc_data.tile3.nc .....OK
Moving RESTART/sfc_data.tile4.nc .....OK
Moving RESTART/sfc_data.tile5.nc .....OK
Moving RESTART/sfc_data.tile6.nc .....OK
```

```
The total amount of wall time           = 667.625377
The maximum resident set size (KB)     = 1434340
```

```
Test std_base control_p8 PASS
```

```
OPERATION REQUIREMENT TEST WAS SUCCESSFUL
Elapsed time: 00h:30m:24s. Have a nice day!
opnReqTest finished
[Pipeline] }
[Pipeline] // stage
Post stage
[Pipeline] sh
++ docker image ls
++ grep -E -m1 ci-test-weather
```

```
++ awk '{ print $3 }'  
+ docker rmi -f 5cef8257a7b5  
Untagged: ci-test-weather:latest  
Deleted: sha256:5cef8257a7b5ddd4cad91f0890b9d6346d385c42537f444a2ff097d5cae45d20  
Deleted: sha256:37308ce9bfbce924d1ef3c32d656aa238b1bd0de1aefb2b93f89b4fec4afacd  
Deleted: sha256:dd3a605620891bf64a6b332e2fab807cf27e0dd04ddc0f8df133c71e3f705ff5  
Deleted: sha256:8866f00b8ae38bc0004660baa530f16d7a19d298c10c1076089abd699cb9a10a  
Deleted: sha256:99e68dc93ada6cfe1f4389de0bfa6dc33f4789433a75a13244e11e320799e784  
Deleted: sha256:d52d65dec1100bb73a28ee20339a386c3b30c7968def7d304d63e8f6a5c702cc  
Deleted: sha256:1b31bd0a6a54398f18b665331ed8893273c61b7475359ab5def05eb670279331  
Deleted: sha256:f903a943134e0797bb01b53d3e7d4c08ae8a7c665fb5ff62d72e1a526ae70f5f  
Deleted: sha256:804a0b2c783fe41b351d1fab40b4c9306a97bb211d0ba67000449defeb1d0415  
Deleted: sha256:8f9ab1dd4266c89d5cd66a06bd4ac583daa1ae9074e243830a5429ab65eb3275  
Deleted: sha256:d651e6aa60c5763ba5ed23a3699da5acffc36a2e34946486bd6a9ef09622a44e  
Deleted: sha256:9f4a09044c08c34ebf653d816869fc7700857569168889f29f93eda0fd6da762  
Deleted: sha256:d970f74189f2bf511bb2e88796b8b4c53f3c9044185e0f2ec09d5b2a1916fe1b  
Deleted: sha256:6bd82db2b9ba620780d0747ddd9d5ce232fd96e9c7fb07108907b613cb83a350  
Deleted: sha256:52f6e5894ece325260d0a05dedaf3673772614beeb7cdbca3f5667b3b3d6175  
Deleted: sha256:a3600db4961aeeffcc7aa69b5760462e2af9d74a9eababb1141a081c921358a0  
++ docker image ls  
++ grep -E -m1 noaaepic  
++ awk '{ print $3 }'  
+ docker rmi -f 1920f81f6556  
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2  
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-stack@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8  
Deleted: sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738  
Deleted: sha256:d91d700fe046d8b5dca3b82d589783b859fa1d0f59b40b5c92554d25cbf68acc  
Deleted: sha256:5b27180194225db246c7f38ae95fd1e3ed42abfa879c99a994e23184bce24194  
Deleted: sha256:00cea692fd3d2f6b60f8530cf7603cb35aae6c603e6e4499befcd760adffcb5f  
Deleted: sha256:d62a59fb641ccac293f6efe114a11d6b94238b8f8254516bf9f4fff75e77033e  
Deleted: sha256:0130cb63d59064b5287f4f6638c598add5452f44bfb36f0be6ed076a72a3d4c  
Deleted: sha256:99cb320efbde2e6ae4b21e9a5c378c5809bf62934f267b2089951ec8e6b72e63  
Deleted: sha256:a3bedca2c8f09e4c2f51767170225f1252e46377b4ca9fa741e27fd90e2409f5  
Deleted: sha256:3dd8c8d4fd5b59d543c8f75a67cdfaab30aef5a6d99aea3fe74d8cc69d4e7bf2  
Deleted: sha256:8d8dceacec7085abcab1f93ac1128765bc6cf0caac334c821e01546bd96eb741  
Deleted: sha256:ccdbb80308cc5ef43b605ac28fac29c6a597f89f5a169bbbedbb8dec29c987439  
[Pipeline] }  
[Pipeline] // withEnv  
[Pipeline] }  
[Pipeline] // node  
[Pipeline] }  
[Pipeline] // withEnv  
[Pipeline] }  
[Pipeline] // stage  
[Pipeline] }  
cat: '/home/builder/ufs-weather-model/tests/log_opnReqTest_linux.gnu/compile_*_time.log': No such file or directory
```

```
baseline dir = /home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/cpld_control_c96_noaero_p8_std_base  
working dir = /home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/cpld_control_nowave_noaero_p8_rst
```

```
Checking test rst cpld_control_nowave_noaero_p8 results ....
Comparing RESTART/MOM.res.nc .....OK
Comparing RESTART/coupler.res .....OK
Comparing RESTART/fv_core.res.nc .....SKIP for gnu compilers
Comparing RESTART/fv_core.res.tile1.nc .....OK
Comparing RESTART/fv_core.res.tile2.nc .....OK
Comparing RESTART/fv_core.res.tile3.nc .....OK
Comparing RESTART/fv_core.res.tile4.nc .....OK
Comparing RESTART/fv_core.res.tile5.nc .....OK
Comparing RESTART/fv_core.res.tile6.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile1.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile2.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile3.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile4.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile5.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile6.nc .....OK
Comparing RESTART/fv_tracer.res.tile1.nc .....OK
Comparing RESTART/fv_tracer.res.tile2.nc .....OK
Comparing RESTART/fv_tracer.res.tile3.nc .....OK
Comparing RESTART/fv_tracer.res.tile4.nc .....OK
Comparing RESTART/fv_tracer.res.tile5.nc .....OK
Comparing RESTART/fv_tracer.res.tile6.nc .....OK
Comparing RESTART/iced.2021-03-23-21600.nc .....OK
Comparing RESTART/phy_data.tile1.nc .....OK
Comparing RESTART/phy_data.tile2.nc .....OK
Comparing RESTART/phy_data.tile3.nc .....OK
Comparing RESTART/phy_data.tile4.nc .....OK
Comparing RESTART/phy_data.tile5.nc .....OK
Comparing RESTART/phy_data.tile6.nc .....OK
Comparing RESTART/sfc_data.tile1.nc .....OK
Comparing RESTART/sfc_data.tile2.nc .....OK
Comparing RESTART/sfc_data.tile3.nc .....OK
Comparing RESTART/sfc_data.tile4.nc .....OK
Comparing RESTART/sfc_data.tile5.nc .....OK
Comparing RESTART/sfc_data.tile6.nc .....OK
Comparing RESTART/ufs.cpld.cpl.r.2021-03-23-21600.nc .....OK
Comparing atmf024.tile1.nc .....OK
Comparing atmf024.tile2.nc .....OK
Comparing atmf024.tile3.nc .....OK
Comparing atmf024.tile4.nc .....OK
Comparing atmf024.tile5.nc .....OK
Comparing atmf024.tile6.nc .....OK
Comparing sfcf024.tile1.nc .....OK
Comparing sfcf024.tile2.nc .....OK
Comparing sfcf024.tile3.nc .....OK
Comparing sfcf024.tile4.nc .....OK
Comparing sfcf024.tile5.nc .....OK
Comparing sfcf024.tile6.nc .....OK
```



```
The total amount of wall time           = 667.633359
The maximum resident set size (KB)     = 1449040
```

```
Test rst cpld_control_nowave_noaero_p8 PASS
```

```
baseline dir = /home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/cpld_control_c96_noaero_p8_std_base
working dir  = /home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/cpld_control_nowave_noaero_p8_std_base
Checking test std_base cpld_control_nowave_noaero_p8 results ....
Moving baseline std_base cpld_control_nowave_noaero_p8 files ....
Moving sfcf021.tile1.nc .....OK
Moving sfcf021.tile2.nc .....OK
Moving sfcf021.tile3.nc .....OK
Moving sfcf021.tile4.nc .....OK
Moving sfcf021.tile5.nc .....OK
Moving sfcf021.tile6.nc .....OK
Moving atmf021.tile1.nc .....OK
Moving atmf021.tile2.nc .....OK
Moving atmf021.tile3.nc .....OK
Moving atmf021.tile4.nc .....OK
Moving atmf021.tile5.nc .....OK
Moving atmf021.tile6.nc .....OK
Moving sfcf024.tile1.nc .....OK
Moving sfcf024.tile2.nc .....OK
Moving sfcf024.tile3.nc .....OK
Moving sfcf024.tile4.nc .....OK
Moving sfcf024.tile5.nc .....OK
Moving sfcf024.tile6.nc .....OK
Moving atmf024.tile1.nc .....OK
Moving atmf024.tile2.nc .....OK
Moving atmf024.tile3.nc .....OK
Moving atmf024.tile4.nc .....OK
Moving atmf024.tile5.nc .....OK
Moving atmf024.tile6.nc .....OK
Moving RESTART/coupler.res .....OK
Moving RESTART/fv_core.res.nc .....OK
Moving RESTART/fv_core.res.tile1.nc .....OK
Moving RESTART/fv_core.res.tile2.nc .....OK
Moving RESTART/fv_core.res.tile3.nc .....OK
Moving RESTART/fv_core.res.tile4.nc .....OK
Moving RESTART/fv_core.res.tile5.nc .....OK
Moving RESTART/fv_core.res.tile6.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile1.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile2.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile3.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile4.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile5.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile6.nc .....OK
Moving RESTART/fv_tracer.res.tile1.nc .....OK
```

```
Moving RESTART/fv_tracer.res.tile2.nc .....OK
Moving RESTART/fv_tracer.res.tile3.nc .....OK
Moving RESTART/fv_tracer.res.tile4.nc .....OK
Moving RESTART/fv_tracer.res.tile5.nc .....OK
Moving RESTART/fv_tracer.res.tile6.nc .....OK
Moving RESTART/phy_data.tile1.nc .....OK
Moving RESTART/phy_data.tile2.nc .....OK
Moving RESTART/phy_data.tile3.nc .....OK
Moving RESTART/phy_data.tile4.nc .....OK
Moving RESTART/phy_data.tile5.nc .....OK
Moving RESTART/phy_data.tile6.nc .....OK
Moving RESTART/sfc_data.tile1.nc .....OK
Moving RESTART/sfc_data.tile2.nc .....OK
Moving RESTART/sfc_data.tile3.nc .....OK
Moving RESTART/sfc_data.tile4.nc .....OK
Moving RESTART/sfc_data.tile5.nc .....OK
Moving RESTART/sfc_data.tile6.nc .....OK
Moving RESTART/MOM.res.nc .....OK
Moving RESTART/iced.2021-03-23-21600.nc .....OK
Moving RESTART/ufs.cpld.cpl.r.2021-03-23-21600.nc .....OK
```

```
The total amount of wall time           = 1360.121307
The maximum resident set size (KB)      = 1950208
```

Test std\_base cpld\_control\_nowave\_noaero\_p8 PASS

OPERATION REQUIREMENT TEST WAS SUCCESSFUL

Elapsed time: 00h:37m:50s. Have a nice day!

opnReqTest finished

[Pipeline] }

[Pipeline] // stage

Post stage

[Pipeline] sh

```
++ docker image ls
```

```
++ grep -E -m1 ci-test-weather
```

```
++ awk '{ print $3 }'
```

```
+ docker rmi -f 590bfad938f6
```

Untagged: ci-test-weather:latest

Deleted: sha256:590bfad938f6f0cd0649ca03714f803190efc5a51e4684c28f2e5ca76ac381ff

Deleted: sha256:fd2bafd9ba13333e94c3312ba83d375e40090b96da7c5ca53f5e757dacd3b952

Deleted: sha256:298d85d0556addcc78cfc6472a9b14da7430c529e8d99a8e0e832e7706470e2

Deleted: sha256:153c670d84d9ff4a754e3ef57161f3471958b242d36fdf8672bbe489554709e6

Deleted: sha256:31dd93e859339ed9b4b4de403a40a043c471b453303377ed0f83f2d9aba174df

Deleted: sha256:b2235c404f67b79f5e0d640de448b620313380d207fd21489c6b6da6b96d4ef4

Deleted: sha256:5e2b47c04dda0ebf52a1b9d805cda803b42f9db3d0bd77188924ca4f3140eae

Deleted: sha256:d8dc53ca5789419c6c71a5db7edbbb62cc8055a1111de889a5b1d7b7cdaa734c

Deleted: sha256:6ea2529fcd0b0f66dac83f12e1fadea3f77e062b91e5efba689bc5dbf45ce3f8

Deleted: sha256:c5921df26dfed895fafb83408a211b897ce375abffd8890d9a4e7887b0c19409

Deleted: sha256:f39d8839e4aa7175ba2bc35f354d8d1b325826bc49b1c4a50c89deb2a1e244b7

```
Deleted: sha256:14f8b966aa09d37586ec651acb48c18ff96ada4838306be141643b925ec57fdb
Deleted: sha256:5a1c2a33efc2b25ca016bce85a5945d05e91e61488dd36bd16197f470924eb98
Deleted: sha256:c043b18437155e38e9eda03cc687212d641994e8dfd3e2af99f1e4d13441375b
Deleted: sha256:04b7234b2cd3ad33f50764775f81775842311185dc6ecb1c2ea4091cfc6e11c8
Deleted: sha256:48a89e3006eaf08b4e6777b41e920343bb284b0b12b7f291803a829d8173067d
++ docker image ls
++ grep -E -m1 noaaepic
++ awk '{ print $3 }'
+ docker rmi -f 1920f81f6556
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-stack@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
Deleted: sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738
Deleted: sha256:d91d700fe046d8b5dca3b82d589783b859fa1d0f59b40b5c92554d25cbf68acc
Deleted: sha256:5b27180194225db246c7f38ae95fd1e3ed42abfa879c99a994e23184bce24194
Deleted: sha256:00cea692fd3d2f6b60f8530cf7603cb35aae6c603e6e4499befcd760adffcb5f
Deleted: sha256:d62a59fb641ccac293f6efe114a11d6b94238b8f8254516bf9f4fff75e77033e
Deleted: sha256:0130cb63d59064b5287f4f6638c598add5452f44bfb36f0be6ed076a72a3d4c
Deleted: sha256:99cb320efbde2e6ae4b21e9a5c378c5809bf62934f267b2089951ec8e6b72e63
Deleted: sha256:a3bedca2c8f09e4c2f51767170225f1252e46377b4ca9fa741e27fd90e2409f5
Deleted: sha256:3dd8c8d4fd5b59d543c8f75a67cdfaab30aef5a6d99aea3fe74d8cc69d4e7bf2
Deleted: sha256:8d8dceacec7085abcab1f93ac1128765bc6cf0caac334c821e01546bd96eb741
Deleted: sha256:ccdbb80308cc5ef43b605ac28fac29c6a597f89f5a169bbdbbb8dec29c987439
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // parallel
[Pipeline] }
[Pipeline] // stage
[Pipeline] End of Pipeline
```

GitHub has been notified of this commit's build result

Finished: SUCCESS