

This file contains any messages produced by compilers while running configure, to aid debugging if configure makes a mistake.

It was created by configure, which was generated by GNU Autoconf 2.53a. Invocation command line was

```
$ ./configure
```

```
## ----- ##  
## Platform. ##  
## ----- ##
```

```
hostname = cheyenne6  
uname -m = x86_64  
uname -r = 3.12.62-60.64.8-default  
uname -s = Linux  
uname -v = #1 SMP Tue Oct 18 12:21:38 UTC 2016 (42e0a66)
```

```
/usr/bin/uname -p = x86_64  
/bin/uname -X      = unknown
```

```
/bin/arch          = x86_64  
/usr/bin/arch -k   = unknown  
/usr/convex/getsysinfo = unknown  
hostinfo          = unknown  
/bin/machine       = unknown  
/usr/bin/oslevel   = unknown  
/bin/universe      = unknown
```

```
PATH: /glade/u/apps/ch/opt/mpt/2.19/bin  
PATH: /glade/u/apps/ch/opt/netcdf/4.4.1.1/intel/17.0.1/bin  
PATH: /glade/u/apps/ch/opt/netcdf/4.6.1/intel/17.0.1/bin  
PATH: /gpfs/u/apps/ch/opt/ncarccompilers/0.4.1/mpi  
PATH: /glade/u/apps/ch/opt/mpt/2.19/opt/hpe/hpc/mpt/mpt-2.19/bin  
PATH: /gpfs/u/apps/ch/opt/ncarccompilers/0.4.1  
PATH: /glade/u/apps/opt/intel/2017u1/  
vtune_amplifier_xe_2017.1.0.486011/bin64  
PATH: /glade/u/apps/opt/intel/2017u1/inspector_2017.1.1.484836/bin64  
PATH: /glade/u/apps/opt/intel/2017u1/advisor_2017.1.1.486553/bin64  
PATH: /glade/u/apps/opt/intel/2017u1/compilers_and_libraries/linux/  
bin/intel64  
PATH: /ncar/opt/slurm/latest/bin  
PATH: /opt/sgi/sbin  
PATH: /opt/sgi/bin  
PATH: /glade/u/apps/ch/opt/usr/bin  
PATH: /glade/u/apps/ch/opt/lmod/7.2.1/bin  
PATH: /usr/local/bin  
PATH: /usr/bin  
PATH: /bin  
PATH: /usr/games
```

```
PATH: /opt/ibutils/bin
PATH: /usr/lib/mit/bin
PATH: /usr/lib/mit/sbin
PATH: /glade/u/apps/opt/hpss/hpss-client.5.0.2.p5/bin
PATH: /glade/u/apps/ch/local/bin
PATH: /glade/u/apps/ch/os/usr/bin
PATH: /glade/u/apps/ch/os/bin
PATH: /opt/pbs/bin
PATH: /sbin
PATH: /bin
```

```
## ----- ##
## Core tests. ##
## ----- ##
```

```
configure:1265: checking for Fortran 77 compiler version
configure:1269: ifort --version </dev/null >&5
ifort: warning #10315: specifying -lm before files may supersede the
Intel(R) math library and affect performance
ifort (IFORT) 17.0.1 20161005
Copyright (C) 1985-2016 Intel Corporation. All rights reserved.
```

```
configure:1272: $? = 0
configure:1274: ifort -v </dev/null >&5
ifort: warning #10315: specifying -lm before files may supersede the
Intel(R) math library and affect performance
ifort version 17.0.1
ld      /usr/lib64/gcc/x86_64-suse-linux/4.8/../../../../lib64/crt1.o /
usr/lib64/gcc/x86_64-suse-linux/4.8/../../../../lib64/crti.o /usr/
lib64/gcc/x86_64-suse-linux/4.8/crtbegin.o --eh-frame-hdr --build-id -
dynamic-linker /lib64/ld-linux-x86-64.so.2 -m elf_x86_64 -L/glade/u/
apps/opt/intel/2017u1/compilers_and_libraries/linux/lib/intel64_lin -
L/glade/u/apps/ch/os/usr/lib64 -L/glade/u/apps/ch/os/lib64 -L/glade/u/
apps/ch/os/usr/lib -L/glade/u/apps/ch/opt/netcdf/4.6.1/intel/17.0.1/
lib -L/glade/u/apps/ch/os/lib -o a.out /gpfs/u/apps/opt/intel/2017u1/
compilers_and_libraries_2017.1.132/linux/compiler/lib/intel64_lin/
for_main.o -L/glade/u/apps/ch/opt/mpt/2.19/opt/hpe/hpc/mpt/mpt-2.19/
lib -L/gpfs/u/apps/opt/intel/2017u1/
compilers_and_libraries_2017.1.132/linux/compiler/lib/intel64_lin -L/
usr/lib64/gcc/x86_64-suse-linux/4.8/ -L/usr/lib64/gcc/x86_64-suse-
linux/4.8/../../../../lib64 -L/usr/lib64/gcc/x86_64-suse-linux/
4.8/../../../../lib64/ -L/lib/./lib64 -L/lib/./lib64/ -L/usr/lib/./
lib64 -L/usr/lib/./lib64/ -L/glade/u/apps/ch/opt/mpt/2.19/opt/hpe/
hpc/mpt/mpt-2.19/lib/ -L/usr/lib64/gcc/x86_64-suse-linux/
4.8/../../../../x86_64-suse-linux/lib/ -L/usr/lib64/gcc/x86_64-suse-
linux/4.8/../../../../ -L/lib64 -L/lib/ -L/usr/lib64 -L/usr/lib --
disable-new-dtags -rpath /glade/u/apps/opt/intel/2017u1/
compilers_and_libraries/linux/lib/intel64_lin -rpath /glade/u/apps/ch/
os/usr/lib64 -rpath /glade/u/apps/ch/os/lib64 -rpath /glade/u/apps/ch/
```

```

os/usr/lib -rpath /glade/u/apps/ch/opt/netcdf/4.6.1/intel/17.0.1/lib -
rpath /glade/u/apps/ch/os/lib -Bstatic -lnetcdff -lnetcdf -
lhdf5hl_fortran -lhdf5_hl -lhdf5_fortran -lhdf5 -lsz -lz -Bdynamic -L/
gpfs/u/apps/opt/intel/2017u1/compilers_and_libraries_2017.1.132/linux/
compiler/lib/intel64_lin -Bstatic -limf -Bdynamic -lm -ldl -lrt -ldl -
Bdynamic -Bstatic -lifport -lifcoremt -limf -lsvml -Bdynamic -lm -
Bstatic -lipgo -lirc -Bdynamic -lpthread -Bstatic -lsvml -Bdynamic -lc
-lgcc -lgcc_s -Bstatic -lirc_s -Bdynamic -ldl -lc /usr/lib64/gcc/
x86_64-suse-linux/4.8/crtend.o /usr/lib64/gcc/x86_64-suse-linux/
4.8/../../../../lib64/crtn.o
/gpfs/u/apps/opt/intel/2017u1/compilers_and_libraries_2017.1.132/
linux/compiler/lib/intel64_lin/for_main.o: In function `main':
for_main.c:(.text+0x2a): undefined reference to `MAIN__'
configure:1277: $? = 1
configure:1279: ifort -V </dev/null >&5
Intel(R) Fortran Intel(R) 64 Compiler for applications running on
Intel(R) 64, Version 17.0.1.132 Build 20161005
Copyright (C) 1985-2016 Intel Corporation. All rights reserved.
ifort: warning #10315: specifying -lm before files may supersede the
Intel(R) math library and affect performance

```

```

GNU ld (GNU Binutils; SUSE Linux Enterprise 12) 2.25.0
/gpfs/u/apps/opt/intel/2017u1/compilers_and_libraries_2017.1.132/
linux/compiler/lib/intel64_lin/for_main.o: In function `main':
for_main.c:(.text+0x2a): undefined reference to `MAIN__'
configure:1282: $? = 1
configure:1295: checking for Fortran 77 compiler default output
configure:1298: ifort conftest.f >&5
configure:1301: $? = 0
configure:1334: result: a.out
configure:1339: checking whether the Fortran 77 compiler works
configure:1345: ./a.out
configure:1348: $? = 0
configure:1363: result: yes
configure:1370: checking whether we are cross compiling
configure:1372: result: no
configure:1375: checking for suffix of executables
configure:1377: ifort -o conftest conftest.f >&5
configure:1380: $? = 0
configure:1402: result:
configure:1408: checking for suffix of object files
configure:1419: ifort -c conftest.f >&5
configure:1422: $? = 0
configure:1441: result: o
configure:1449: checking whether we are using the GNU Fortran 77
compiler
configure:1463: ifort -c conftest.F >&5
conftest.F(3): error #5082: Syntax error, found END-OF-STATEMENT when
expecting one of: => = . [ % ( :
choke me

```

```

-----^
compilation aborted for conftest.F (code 1)
configure:1466: $? = 1
configure: failed program was:
    program main
#ifdef __GNUC__
    choke me
#endif

    end
configure:1484: result: no
configure:1491: checking whether ifort accepts -g
configure:1503: ifort -c -g conftest.f >&5
configure:1506: $? = 0
configure:1509: test -s conftest.o
configure:1512: $? = 0
configure:1523: result: yes
configure:1551: checking how to get verbose linking output from ifort
configure:1563: ifort -c -g conftest.f >&5
configure:1566: $? = 0
configure:1569: test -s conftest.o
configure:1572: $? = 0
configure:1593: ifort -o conftest -g -v conftest.f >&5
ifort version 17.0.1
/gpfs/u/apps/opt/intel/2017u1/compilers_and_libraries_2017.1.132/
linux/bin/intel64/fortcom -D__INTEL_COMPILER=1700 -
D__INTEL_COMPILER_UPDATE=1 -D__unix__ -D__unix -D__linux__ -D__linux -
D__gnu_linux__ -Dunix -Dlinux -D__ELF__ -D__x86_64 -D__x86_64__ -
D__amd64 -D__amd64__ -D__INTEL_COMPILER_BUILD_DATE=20161005 -
D__INTEL_OFFLOAD -D__i686 -D__i686__ -D__pentiumpro -D__pentiumpro__ -
D__pentium4 -D__pentium4__ -D__tune_pentium4__ -D__SSE2__ -
D__SSE2_MATH__ -D__SSE__ -D__SSE_MATH__ -D__MMX__ -
mGLOB_pack_sort_init_list -I. -I/glade/u/apps/ch/opt/netcdf/4.6.1/
intel/17.0.1/include -I/glade/u/apps/ch/os/usr/include -I/glade/u/
apps/ch/opt/mpt_fmods/2.19/intel/17.0.1 -I/glade/u/apps/ch/opt/mpt/
2.19/opt/hpe/hpc/mpt/mpt-2.19/include -I/gpfs/u/apps/opt/intel/2017u1/
compilers_and_libraries_2017.1.132/linux/compiler/include/intel64 -I/
gpfs/u/apps/opt/intel/2017u1/compilers_and_libraries_2017.1.132/linux/
compiler/include/icc -I/gpfs/u/apps/opt/intel/2017u1/
compilers_and_libraries_2017.1.132/linux/compiler/include -I/usr/
local/include -I/usr/lib64/gcc/x86_64-suse-linux/4.8/include -I/usr/
lib64/gcc/x86_64-suse-linux/4.8/include-fixed -I/usr/include/ -I/usr/
include "-fp_modbits honor_f32_conversion" "-fp_modbits
honor_f64_conversion" -O0 -g2 "-reentrancy threaded" -simd -
offload_host -mGLOB_em64t=TRUE -mP10PT_version=17.0-intel64 -
mGLOB_diag_file=/glade/scratch/molina/ifortFpxzvU.diag -
mGLOB_long_size_64 -mGLOB_routine_pointer_size_64 -
mGLOB_source_language=GLOB_SOURCE_LANGUAGE_F90 -
mP20PT_static_promotion -mP10PT_print_version=FALSE -
mCG_use_gas_got_workaround=F -mP20PT_align_option_used=TRUE -

```

```

mGLOB_gcc_version=480 "-mGLOB_options_string=-I/glade/u/apps/ch/opt/
netcdf/4.6.1/intel/17.0.1/include -I/glade/u/apps/ch/os/usr/include -o
conftest -g -v -L/glade/u/apps/opt/intel/2017u1/
compilers_and_libraries/linux/lib/intel64_lin -L/glade/u/apps/ch/os/
usr/lib64 -L/glade/u/apps/ch/os/lib64 -L/glade/u/apps/ch/os/usr/lib -
L/glade/u/apps/ch/opt/netcdf/4.6.1/intel/17.0.1/lib -L/glade/u/apps/
ch/os/lib -Wl,--disable-new-dtags -Wl,-rpath,/glade/u/apps/opt/intel/
2017u1/compilers_and_libraries/linux/lib/intel64_lin -Wl,-rpath,/
glade/u/apps/ch/os/usr/lib64 -Wl,-rpath,/glade/u/apps/ch/os/lib64 -
Wl,-rpath,/glade/u/apps/ch/os/usr/lib -Wl,-rpath,/glade/u/apps/ch/opt/
netcdf/4.6.1/intel/17.0.1/lib -Wl,-rpath,/glade/u/apps/ch/os/lib -Wl,-
Bstatic -lnetcdff -lnetcdf -lhdf5hl_fortran -lhdf5_hl -lhdf5_fortran -
lhdf5 -lsz -lz -Wl,-Bdynamic -lm -ldl -lrt -ldl" -
mGLOB_cxx_limited_range=FALSE -mCG_extend_parms=FALSE -
mGLOB_compiler_bin_directory=/gpfs/u/apps/opt/intel/2017u1/
compilers_and_libraries_2017.1.132/linux/bin/intel64 -
mP30PT_emit_line_numbers -mP20PT_suppress_unreferenced_locals=FALSE -
mGLOB_debug_target=GLOB_DEBUG_TARGET_ALL -mDEBUG_info_level=2 -
mDEBUG_use_indirect_strings=TRUE -
mGLOB_debug_format=GLOB_DEBUG_FORMAT_DWARF40 -
mGLOB_as_output_backup_file_name=/glade/scratch/molina/
ifort0QXH01as.s -mGLOB_dashboard_use_source_name -
mGLOB_instruction_tuning=0x0 -mGLOB_uarch_tuning=0x0 -
mGLOB_product_id_code=0x22006d8f -mGLOB_maintain_errno -
mGLOB_noinline_intrinsics -mGLOB_use_base_pointer=1 -mCG_bnl_movbe=T -
mGLOB_extended_instructions=0x8 -mP30PT_use_mspp_call_convention -
mP20PT_subs_out_of_bound=FALSE -mP20PT_disam_type_based_disam=2 -
mGLOB_ansi_alias -mIPOPT_ninl_limit=0 -mIPOPT_ninl_user_level=0 -
mPGOPTI_value_profile_use=T -mGLOB_opt_report_use_source_name -
mP20PT_gen_linux_const_pooling=FALSE -mP20PT_il0_array_sections=TRUE -
mGLOB_offload_mode=1 -
mP20PT_offload_unique_var_string=ifort19836982734I4aV6 -
mGLOB_opt_level=0 -mIPOPT_args_in_regs=0 -
mP20PT_disam_assume_nonstd_intent_in=FALSE -
mGLOB_imf_mapping_library=/gpfs/u/apps/opt/intel/2017u1/
compilers_and_libraries_2017.1.132/linux/bin/intel64/libiml_attr.so -
mIPOPT_single_file_compile_and_link=TRUE -mP20PT_hlo_embed_loopinfo -
mPGOPTI_gen_threadsafe_level=0 -mIPOPT_lto_object_enabled -
mIPOPT_lto_object_value=1 -mIPOPT_obj_output_file_name=/glade/scratch/
molina/ifortFpxzvU.o -mIPOPT_whole_archive_fixup_file_name=/glade/
scratch/molina/ifortwarchBrypy9 -mGLOB_linker_version=2.25.0 -
mGLOB_driver_tempfile_name=/glade/scratch/molina/iforttempfileX2nKkI -
mP30PT_asm_target=P30PT_ASM_TARGET_GAS -mGLOB_async_unwind_tables=TRUE
-mGLOB_obj_output_file=/glade/scratch/molina/ifortFpxzvU.o -
mGLOB_source_dialect=GLOB_SOURCE_DIALECT_FORTTRAN -
mP10PT_source_file_name=conftest.f -mP10PT_full_source_file_name=/
gpfs/u/home/molina/hysplit/trunk/library/fcsubs/conftest.f -
mP20PT_syntab_type_copy=true conftest.f
#include "... " search starts here:
#include <...> search starts here:

```

```

.
/glade/u/apps/ch/opt/netcdf/4.6.1/intel/17.0.1/include
/glade/u/apps/ch/os/usr/include
/glade/u/apps/ch/opt/mpt_fmods/2.19/intel/17.0.1
/glade/u/apps/ch/opt/mpt/2.19/opt/hpe/hpc/mpt/mpt-2.19/include
/gpfs/u/apps/opt/intel/2017u1/compilers_and_libraries_2017.1.132/
linux/compiler/include/intel64
/gpfs/u/apps/opt/intel/2017u1/compilers_and_libraries_2017.1.132/
linux/compiler/include/icc
/gpfs/u/apps/opt/intel/2017u1/compilers_and_libraries_2017.1.132/
linux/compiler/include
/usr/local/include
/usr/lib64/gcc/x86_64-suse-linux/4.8/include
/usr/lib64/gcc/x86_64-suse-linux/4.8/include-fixed
/usr/include/
/usr/include
End of search list.
ld /usr/lib64/gcc/x86_64-suse-linux/4.8/../../../../lib64/crt1.o /
usr/lib64/gcc/x86_64-suse-linux/4.8/../../../../lib64/crti.o /usr/
lib64/gcc/x86_64-suse-linux/4.8/crtbegin.o --eh-frame-hdr --build-id -
dynamic-linker /lib64/ld-linux-x86-64.so.2 -m elf_x86_64 -L/glade/u/
apps/opt/intel/2017u1/compilers_and_libraries/linux/lib/intel64_lin -
L/glade/u/apps/ch/os/usr/lib64 -L/glade/u/apps/ch/os/lib64 -L/glade/u/
apps/ch/os/usr/lib -L/glade/u/apps/ch/opt/netcdf/4.6.1/intel/17.0.1/
lib -L/glade/u/apps/ch/os/lib -o conftest /gpfs/u/apps/opt/intel/
2017u1/compilers_and_libraries_2017.1.132/linux/compiler/lib/
intel64_lin/for_main.o -L/glade/u/apps/ch/opt/mpt/2.19/opt/hpe/hpc/
mpt/mpt-2.19/lib -L/gpfs/u/apps/opt/intel/2017u1/
compilers_and_libraries_2017.1.132/linux/compiler/lib/intel64_lin -L/
usr/lib64/gcc/x86_64-suse-linux/4.8/ -L/usr/lib64/gcc/x86_64-suse-
linux/4.8/../../../../lib64 -L/usr/lib64/gcc/x86_64-suse-linux/
4.8/../../../../lib64/ -L/lib/../../lib64/ -L/lib/../../lib64/ -L/usr/lib/../../
lib64 -L/usr/lib/../../lib64/ -L/glade/u/apps/ch/opt/mpt/2.19/opt/hpe/
hpc/mpt/mpt-2.19/lib/ -L/usr/lib64/gcc/x86_64-suse-linux/
4.8/../../../../x86_64-suse-linux/lib/ -L/usr/lib64/gcc/x86_64-suse-
linux/4.8/../../../../ -L/lib64 -L/lib/ -L/usr/lib64 -L/usr/lib /glade/
scratch/molina/ifortFpxzvU.o --disable-new-dtags -rpath /glade/u/apps/
opt/intel/2017u1/compilers_and_libraries/linux/lib/intel64_lin -
rpath /glade/u/apps/ch/os/usr/lib64 -rpath /glade/u/apps/ch/os/lib64 -
rpath /glade/u/apps/ch/os/usr/lib -rpath /glade/u/apps/ch/opt/netcdf/
4.6.1/intel/17.0.1/lib -rpath /glade/u/apps/ch/os/lib -Bstatic -
lnetcdff -lnetcdf -lhdf5hl_fortran -lhdf5_hl -lhdf5_fortran -lhdf5 -
lsz -lz -Bdynamic -L/gpfs/u/apps/opt/intel/2017u1/
compilers_and_libraries_2017.1.132/linux/compiler/lib/intel64_lin -
Bstatic -limf -Bdynamic -lm -ldl -lrt -ldl -Bdynamic -Bstatic -lifport
-lifcoremt -limf -lsvml -Bdynamic -lm -Bstatic -lipgo -lirc -Bdynamic
-lpthread -Bstatic -lsvml -Bdynamic -lc -lgcc -lgcc_s -Bstatic -lirc_s
-Bdynamic -ldl -lc /usr/lib64/gcc/x86_64-suse-linux/4.8/crtend.o /usr/
lib64/gcc/x86_64-suse-linux/4.8/../../../../lib64/crtn.o
configure:1645: result: -v

```

```

configure:1647: checking for Fortran 77 libraries
configure:1672: ifort -o conftest -g -v conftest.f >&5
ifort version 17.0.1
/gpfs/u/apps/opt/intel/2017u1/compilers_and_libraries_2017.1.132/
linux/bin/intel64/fortcom -D__INTEL_COMPILER=1700 -
D__INTEL_COMPILER_UPDATE=1 -D__unix__ -D__unix -D__linux__ -D__linux -
D__gnu_linux__ -Dunix -Dlinux -D__ELF__ -D__x86_64 -D__x86_64__ -
D__amd64 -D__amd64__ -D__INTEL_COMPILER_BUILD_DATE=20161005 -
D__INTEL_OFFLOAD -D__i686 -D__i686__ -D__pentiumpro -D__pentiumpro__ -
D__pentium4 -D__pentium4__ -D__tune_pentium4__ -D__SSE2__ -
D__SSE2_MATH__ -D__SSE__ -D__SSE_MATH__ -D__MMX__ -
mGLOB_pack_sort_init_list -I. -I/glade/u/apps/ch/opt/netcdf/4.6.1/
intel/17.0.1/include -I/glade/u/apps/ch/os/usr/include -I/glade/u/
apps/ch/opt/mpt_fmods/2.19/intel/17.0.1 -I/glade/u/apps/ch/opt/mpt/
2.19/opt/hpe/hpc/mpt/mpt-2.19/include -I/gpfs/u/apps/opt/intel/2017u1/
compilers_and_libraries_2017.1.132/linux/compiler/include/intel64 -I/
gpfs/u/apps/opt/intel/2017u1/compilers_and_libraries_2017.1.132/linux/
compiler/include/icc -I/gpfs/u/apps/opt/intel/2017u1/
compilers_and_libraries_2017.1.132/linux/compiler/include -I/usr/
local/include -I/usr/lib64/gcc/x86_64-suse-linux/4.8/include -I/usr/
lib64/gcc/x86_64-suse-linux/4.8/include-fixed -I/usr/include/ -I/usr/
include "-fp_modbits honor_f32_conversion" "-fp_modbits
honor_f64_conversion" -O0 -g2 "-reentrancy threaded" -simd -
offload_host -mGLOB_em64t=TRUE -mP10PT_version=17.0-intel64 -
mGLOB_diag_file=/glade/scratch/molina/ifortKe8dDE.diag -
mGLOB_long_size_64 -mGLOB_routine_pointer_size_64 -
mGLOB_source_language=GLOB_SOURCE_LANGUAGE_F90 -
mP20PT_static_promotion -mP10PT_print_version=FALSE -
mCG_use_gas_got_workaround=F -mP20PT_align_option_used=TRUE -
mGLOB_gcc_version=480 "-mGLOB_options_string=-I/glade/u/apps/ch/opt/
netcdf/4.6.1/intel/17.0.1/include -I/glade/u/apps/ch/os/usr/include -o
conftest -g -v -L/glade/u/apps/opt/intel/2017u1/
compilers_and_libraries/linux/lib/intel64_lin -L/glade/u/apps/ch/os/
usr/lib64 -L/glade/u/apps/ch/os/lib64 -L/glade/u/apps/ch/os/usr/lib -
L/glade/u/apps/ch/opt/netcdf/4.6.1/intel/17.0.1/lib -L/glade/u/apps/
ch/os/lib -Wl,--disable-new-dtags -Wl,-rpath,/glade/u/apps/opt/intel/
2017u1/compilers_and_libraries/linux/lib/intel64_lin -Wl,-rpath,/
glade/u/apps/ch/os/usr/lib64 -Wl,-rpath,/glade/u/apps/ch/os/lib64 -
Wl,-rpath,/glade/u/apps/ch/os/usr/lib -Wl,-rpath,/glade/u/apps/ch/opt/
netcdf/4.6.1/intel/17.0.1/lib -Wl,-rpath,/glade/u/apps/ch/os/lib -Wl,-
Bstatic -lnetcdff -lnetcdf -lhdf5hl_fortran -lhdf5_hl -lhdf5_fortran -
lhdf5 -lsz -lz -Wl,-Bdynamic -lm -ldl -lrt -ldl" -
mGLOB_cxx_limited_range=FALSE -mCG_extend_parms=FALSE -
mGLOB_compiler_bin_directory=/gpfs/u/apps/opt/intel/2017u1/
compilers_and_libraries_2017.1.132/linux/bin/intel64 -
mP30PT_emit_line_numbers -mP20PT_suppress_unreferenced_locals=FALSE -
mGLOB_debug_target=GLOB_DEBUG_TARGET_ALL -mDEBUG_info_level=2 -
mDEBUG_use_indirect_strings=TRUE -
mGLOB_debug_format=GLOB_DEBUG_FORMAT_DWARF40 -
mGLOB_as_output_backup_file_name=/glade/scratch/molina/

```

```

ifortdN3MCOas_.s -mGLOB_dashboard_use_source_name -
mGLOB_instruction_tuning=0x0 -mGLOB_uarch_tuning=0x0 -
mGLOB_product_id_code=0x22006d8f -mGLOB_maintain_errno -
mGLOB_noinline_intrinsics -mGLOB_use_base_pointer=1 -mCG_bnl_movbe=T -
mGLOB_extended_instructions=0x8 -mP30PT_use_mspp_call_convention -
mP20PT_subs_out_of_bound=FALSE -mP20PT_disam_type_based_disam=2 -
mGLOB_ansi_alias -mIPOPT_ninl_limit=0 -mIPOPT_ninl_user_level=0 -
mPGOPTI_value_profile_use=T -mGLOB_opt_report_use_source_name -
mP20PT_gen_linux_const_pooling=FALSE -mP20PT_il0_array_sections=TRUE -
mGLOB_offload_mode=1 -
mP20PT_offload_unique_var_string=ifort1407510996cZS5NK -
mGLOB_opt_level=0 -mIPOPT_args_in_regs=0 -
mP20PT_disam_assume_nonstd_intent_in=FALSE -
mGLOB_imf_mapping_library=/gpfs/u/apps/opt/intel/2017u1/
compilers_and_libraries_2017.1.132/linux/bin/intel64/libiml_attr.so -
mIPOPT_single_file_compile_and_link=TRUE -mP20PT_hlo_embed_loopinfo -
mPGOPTI_gen_threadsafe_level=0 -mIPOPT_lto_object_enabled -
mIPOPT_lto_object_value=1 -mIPOPT_obj_output_file_name=/glade/scratch/
molina/ifortKe8dDE.o -mIPOPT_whole_archive_fixup_file_name=/glade/
scratch/molina/ifortwarchWYq7EY -mGLOB_linker_version=2.25.0 -
mGLOB_driver_tempfile_name=/glade/scratch/molina/iforttempfile6RmLGy -
mP30PT_asm_target=P30PT_ASM_TARGET_GAS -mGLOB_async_unwind_tables=TRUE
-mGLOB_obj_output_file=/glade/scratch/molina/ifortKe8dDE.o -
mGLOB_source_dialect=GLOB_SOURCE_DIALECT_FORTRAN -
mP10PT_source_file_name=conftest.f -mP10PT_full_source_file_name=/
gpfs/u/home/molina/hysplit/trunk/library/fcsubs/conftest.f -
mP20PT_syntab_type_copy=true conftest.f
#include "... " search starts here:
#include <...> search starts here:
.
  /glade/u/apps/ch/opt/netcdf/4.6.1/intel/17.0.1/include
  /glade/u/apps/ch/os/usr/include
  /glade/u/apps/ch/opt/mpt_fmods/2.19/intel/17.0.1
  /glade/u/apps/ch/opt/mpt/2.19/opt/hpe/hpc/mpt/mpt-2.19/include
  /gpfs/u/apps/opt/intel/2017u1/compilers_and_libraries_2017.1.132/
linux/compiler/include/intel64
  /gpfs/u/apps/opt/intel/2017u1/compilers_and_libraries_2017.1.132/
linux/compiler/include/icc
  /gpfs/u/apps/opt/intel/2017u1/compilers_and_libraries_2017.1.132/
linux/compiler/include
  /usr/local/include
  /usr/lib64/gcc/x86_64-suse-linux/4.8/include
  /usr/lib64/gcc/x86_64-suse-linux/4.8/include-fixed
  /usr/include/
  /usr/include
End of search list.
ld      /usr/lib64/gcc/x86_64-suse-linux/4.8/../../../../lib64/crt1.o /
usr/lib64/gcc/x86_64-suse-linux/4.8/../../../../lib64/crti.o /usr/
lib64/gcc/x86_64-suse-linux/4.8/crtbegin.o --eh-frame-hdr --build-id -
dynamic-linker /lib64/ld-linux-x86-64.so.2 -m elf_x86_64 -L/glade/u/

```



```

apps/opt/intel/2017u1/compilers_and_libraries/linux/lib/intel64_lin -
-L/glade/u/apps/ch/os/usr/lib64 -L/glade/u/apps/ch/os/lib64 -L/glade/u/
apps/ch/os/usr/lib -L/glade/u/apps/ch/opt/netcdf/4.6.1/intel/17.0.1/
lib -L/glade/u/apps/ch/os/lib -o conftest /gpfs/u/apps/opt/intel/
2017u1/compilers_and_libraries_2017.1.132/linux/compiler/lib/
intel64_lin/for_main.o -L/glade/u/apps/ch/opt/mpt/2.19/opt/hpe/hpc/
mpt/mpt-2.19/lib -L/gpfs/u/apps/opt/intel/2017u1/
compilers_and_libraries_2017.1.132/linux/compiler/lib/intel64_lin -L/
usr/lib64/gcc/x86_64-suse-linux/4.8/ -L/usr/lib64/gcc/x86_64-suse-
linux/4.8/../../../../lib64 -L/usr/lib64/gcc/x86_64-suse-linux/
4.8/../../../../lib64/ -L/lib/./lib64 -L/lib/./lib64/ -L/usr/lib/./
lib64 -L/usr/lib/./lib64/ -L/glade/u/apps/ch/opt/mpt/2.19/opt/hpe/
hpc/mpt/mpt-2.19/lib/ -L/usr/lib64/gcc/x86_64-suse-linux/
4.8/../../../../x86_64-suse-linux/lib/ -L/usr/lib64/gcc/x86_64-suse-
linux/4.8/../../../../ -L/lib64 -L/lib/ -L/usr/lib64 -L/usr/lib /glade/
scratch/molina/ifortKe8dDE.o --disable-new-dtags -rpath /glade/u/apps/
opt/intel/2017u1/compilers_and_libraries/linux/lib/intel64_lin -
rpath /glade/u/apps/ch/os/usr/lib64 -rpath /glade/u/apps/ch/os/lib64 -
rpath /glade/u/apps/ch/os/usr/lib -rpath /glade/u/apps/ch/opt/netcdf/
4.6.1/intel/17.0.1/lib -rpath /glade/u/apps/ch/os/lib -Bstatic -
lnetcdf -lnetcdf -lhdf5hl_fortran -lhdf5_hl -lhdf5_fortran -lhdf5 -
lsz -lz -Bdynamic -L/gpfs/u/apps/opt/intel/2017u1/
compilers_and_libraries_2017.1.132/linux/compiler/lib/intel64_lin -
Bstatic -limf -Bdynamic -lm -ldl -lrt -ldl -Bdynamic -Bstatic -lifport
-lifcoremt -limf -lsvml -Bdynamic -lm -Bstatic -lipgo -lirc -Bdynamic
-lpthread -Bstatic -lsvml -Bdynamic -lc -lgcc -lgcc_s -Bstatic -lirc_s
-Bdynamic -ldl -lc /usr/lib64/gcc/x86_64-suse-linux/4.8/crtend.o /usr/
lib64/gcc/x86_64-suse-linux/4.8/../../../../lib64/crtn.o
configure:1831: result: -L/glade/u/apps/opt/intel/2017u1/
compilers_and_libraries/linux/lib/intel64_lin -L/glade/u/apps/ch/os/
usr/lib64 -L/glade/u/apps/ch/os/lib64 -L/glade/u/apps/ch/os/usr/lib -
L/glade/u/apps/ch/opt/netcdf/4.6.1/intel/17.0.1/lib -L/glade/u/apps/
ch/os/lib -lnetcdf -lnetcdf -lhdf5hl_fortran -lhdf5_hl -lhdf5_fortran
-lhdf5 -lsz -lz -lm -ldl -lrt -ldl" -L/glade/u/apps/ch/opt/mpt/2.19/
opt/hpe/hpc/mpt/mpt-2.19/lib -L/gpfs/u/apps/opt/intel/2017u1/
compilers_and_libraries_2017.1.132/linux/compiler/lib/intel64_lin -L/
usr/lib64/gcc/x86_64-suse-linux/4.8/ -L/usr/lib64/gcc/x86_64-suse-
linux/4.8/../../../../lib64 -L/usr/lib64/gcc/x86_64-suse-linux/
4.8/../../../../lib64/ -L/lib/./lib64 -L/lib/./lib64/ -L/usr/lib/./
lib64 -L/usr/lib/./lib64/ -L/glade/u/apps/ch/opt/mpt/2.19/opt/hpe/
hpc/mpt/mpt-2.19/lib/ -L/usr/lib64/gcc/x86_64-suse-linux/
4.8/../../../../x86_64-suse-linux/lib/ -L/usr/lib64/gcc/x86_64-suse-
linux/4.8/../../../../ -L/lib64 -L/lib/ -L/usr/lib64 -L/usr/lib -limf -
lifport -lifcoremt -lsvml -lipgo -lirc -lpthread -lgcc_s -lirc_s
configure:1887: checking for gcc
configure:1913: result: icc
configure:2155: checking for C compiler version
configure:2158: icc --version </dev/null >&5
icc: warning #10315: specifying -lm before files may supersede the
Intel(R) math library and affect performance

```

icc (ICC) 17.0.1 20161005

Copyright (C) 1985-2016 Intel Corporation. All rights reserved.

configure:2161: \$? = 0

configure:2163: icc -v </dev/null >&5

icc: warning #10315: specifying -lm before files may supersede the Intel(R) math library and affect performance

icc version 17.0.1 (gcc version 4.8.0 compatibility)

ld /usr/lib64/gcc/x86_64-suse-linux/4.8/../../../../lib64/crt1.o /usr/lib64/gcc/x86_64-suse-linux/4.8/../../../../lib64/crti.o /usr/lib64/gcc/x86_64-suse-linux/4.8/crtbegin.o --eh-frame-hdr --build-id -dynamic-linker /lib64/ld-linux-x86-64.so.2 -m elf_x86_64 -L/glade/u/apps/opt/intel/2017u1/compilers_and_libraries/linux/lib/intel64_lin -L/glade/u/apps/ch/os/usr/lib64 -L/glade/u/apps/ch/os/lib64 -L/glade/u/apps/ch/os/usr/lib -L/glade/u/apps/ch/opt/netcdf/4.6.1/intel/17.0.1/lib -L/glade/u/apps/ch/os/lib -o a.out -L/glade/u/apps/ch/opt/mpt/2.19/opt/hpe/hpc/mpt/mpt-2.19/lib -L/gpfs/u/apps/opt/intel/2017u1/compilers_and_libraries_2017.1.132/linux/compiler/lib/intel64_lin -L/usr/lib64/gcc/x86_64-suse-linux/4.8/ -L/usr/lib64/gcc/x86_64-suse-linux/4.8/../../../../lib64 -L/usr/lib64/gcc/x86_64-suse-linux/4.8/../../../../lib64/ -L/lib/./lib64 -L/lib/./lib64/ -L/usr/lib/./lib64 -L/usr/lib/./lib64/ -L/glade/u/apps/ch/opt/mpt/2.19/opt/hpe/hpc/mpt/mpt-2.19/lib/ -L/usr/lib64/gcc/x86_64-suse-linux/4.8/../../../../x86_64-suse-linux/lib/ -L/usr/lib64/gcc/x86_64-suse-linux/4.8/../../../../ -L/lib64 -L/lib/ -L/usr/lib64 -L/usr/lib --disable-new-dtags -rpath /glade/u/apps/opt/intel/2017u1/compilers_and_libraries/linux/lib/intel64_lin -rpath /glade/u/apps/ch/os/usr/lib64 -rpath /glade/u/apps/ch/os/lib64 -rpath /glade/u/apps/ch/os/usr/lib -rpath /glade/u/apps/ch/opt/netcdf/4.6.1/intel/17.0.1/lib -rpath /glade/u/apps/ch/os/lib -Bstatic -lnetcdff -lnetcdf -lhdf5hl_fortran -lhdf5_hl -lhdf5_fortran -lhdf5 -lsz -lz -Bdynamic -L/gpfs/u/apps/opt/intel/2017u1/compilers_and_libraries_2017.1.132/linux/compiler/lib/intel64_lin -Bstatic -limf -Bdynamic -lm -ldl -lrt -ldl -Bdynamic -Bstatic -limf -lsvml -lirng -Bdynamic -lm -Bstatic -lipgo -ldecimal --as-needed -Bdynamic -lcilkrts -lstdc++ --no-as-needed -lgcc -lgcc_s -Bstatic -lirc -lsvml -Bdynamic -lc -lgcc -lgcc_s -Bstatic -lirc_s -Bdynamic -ldl -lc /usr/lib64/gcc/x86_64-suse-linux/4.8/crtend.o /usr/lib64/gcc/x86_64-suse-linux/4.8/../../../../lib64/crtn.o /usr/lib64/gcc/x86_64-suse-linux/4.8/../../../../lib64/crt1.o: In function `_start':

/home/abuild/rpmbuild/BUILD/glibc-2.19/csu/./sysdeps/x86_64/start.S:

118: undefined reference to `main'

configure:2166: \$? = 1

configure:2168: icc -V </dev/null >&5

Intel(R) C Intel(R) 64 Compiler for applications running on Intel(R) 64, Version 17.0.1.132 Build 20161005

Copyright (C) 1985-2016 Intel Corporation. All rights reserved.

icc: warning #10315: specifying -lm before files may supersede the Intel(R) math library and affect performance

```

GNU ld (GNU Binutils; SUSE Linux Enterprise 12) 2.25.0
/usr/lib64/gcc/x86_64-suse-linux/4.8/../../../../lib64/crt1.o: In
function `_start':
/home/abuild/rpmbuild/BUILD/glibc-2.19/csu/../sysdeps/x86_64/start.S:
118: undefined reference to `main'
configure:2171: $? = 1
configure:2174: checking whether we are using the GNU C compiler
configure:2201: gcc -c conftest.c >&5
configure:2204: $? = 0
configure:2207: test -s conftest.o
configure:2210: $? = 0
configure:2222: result: yes
configure:2228: checking whether gcc accepts -g
configure:2252: gcc -c -g conftest.c >&5
configure:2255: $? = 0
configure:2258: test -s conftest.o
configure:2261: $? = 0
configure:2271: result: yes
configure:2288: checking for gcc option to accept ANSI C
configure:2351: gcc -c -g -O2 conftest.c >&5
configure:2354: $? = 0
configure:2357: test -s conftest.o
configure:2360: $? = 0
configure:2377: result: none needed
configure:2395: gcc -c -g -O2 conftest.c >&5
conftest.c(2): error: identifier "choke" is undefined
    choke me
    ^

```

```

conftest.c(3): error: expected a ";"

```

```

compilation aborted for conftest.c (code 2)

```

```

configure:2398: $? = 2
configure: failed program was:

```

```

#ifdef __cplusplus
    choke me
#endif

```

```

configure:2510: checking for dummy main to link with Fortran 77
libraries

```

```

configure:2543: gcc -o conftest -g -O2 conftest.c -L/glade/u/apps/
opt/intel/2017u1/compilers_and_libraries/linux/lib/intel64_lin -L/
glade/u/apps/ch/os/usr/lib64 -L/glade/u/apps/ch/os/lib64 -L/glade/u/
apps/ch/os/usr/lib -L/glade/u/apps/ch/opt/netcdf/4.6.1/intel/17.0.1/
lib -L/glade/u/apps/ch/os/lib -lnetcdff -lnetcdf -lhdf5hl_fortran -
lhdf5_hl -lhdf5_fortran -lhdf5 -lsz -lz -lm -ldl -lrt -ldl" -L/glade/
u/apps/ch/opt/mpt/2.19/opt/hpe/hpc/mpt/mpt-2.19/lib -L/gpfs/u/apps/
opt/intel/2017u1/compilers_and_libraries_2017.1.132/linux/compiler/
lib/intel64_lin -L/usr/lib64/gcc/x86_64-suse-linux/4.8/ -L/usr/lib64/
gcc/x86_64-suse-linux/4.8/../../../../lib64 -L/usr/lib64/gcc/x86_64-
suse-linux/4.8/../../../../lib64/ -L/lib/./lib64 -L/lib/./lib64/ -L/

```

```

usr/lib/../../lib64 -L/usr/lib/../../lib64/ -L/glade/u/apps/ch/opt/mpt/2.19/
opt/hpe/hpc/mpt/mpt-2.19/lib/ -L/usr/lib64/gcc/x86_64-suse-linux/
4.8/../../../../../x86_64-suse-linux/lib/ -L/usr/lib64/gcc/x86_64-suse-
linux/4.8/../../../../../ -L/lib64 -L/lib/ -L/usr/lib64 -L/usr/lib -limf -
lifport -lifcoremt -lsvml -lipgo -lirc -lpthread -lgcc_s -lirc_s >&5
ld: cannot find -ldl"
configure:2546: $? = 1
configure: failed program was:
#line 2524 "configure"
#include "confdefs.h"

#ifdef F77_DUMMY_MAIN
#  ifdef __cplusplus
      extern "C"
#  endif
      int F77_DUMMY_MAIN() { return 1; }
#endif
int
main ()
{

    ;
    return 0;
}
configure:2583: icc -o conftest -g -O2  conftest.c  -L/glade/u/apps/
opt/intel/2017u1/compilers_and_libraries/linux/lib/intel64_lin -L/
glade/u/apps/ch/os/usr/lib64 -L/glade/u/apps/ch/os/lib64 -L/glade/u/
apps/ch/os/usr/lib -L/glade/u/apps/ch/opt/netcdf/4.6.1/intel/17.0.1/
lib -L/glade/u/apps/ch/os/lib -lnetcdff -lnetcdf -lhdf5hl_fortran -
lhdf5_hl -lhdf5_fortran -lhdf5 -lsz -lz -lm -ldl -lrt -ldl" -L/glade/
u/apps/ch/opt/mpt/2.19/opt/hpe/hpc/mpt/mpt-2.19/lib -L/gpfs/u/apps/
opt/intel/2017u1/compilers_and_libraries_2017.1.132/linux/compiler/
lib/intel64_lin -L/usr/lib64/gcc/x86_64-suse-linux/4.8/ -L/usr/lib64/
gcc/x86_64-suse-linux/4.8/../../../../../lib64 -L/usr/lib64/gcc/x86_64-
suse-linux/4.8/../../../../../lib64/ -L/lib/../../lib64/ -L/lib/../../lib64/ -L/
usr/lib/../../lib64 -L/usr/lib/../../lib64/ -L/glade/u/apps/ch/opt/mpt/2.19/
opt/hpe/hpc/mpt/mpt-2.19/lib/ -L/usr/lib64/gcc/x86_64-suse-linux/
4.8/../../../../../x86_64-suse-linux/lib/ -L/usr/lib64/gcc/x86_64-suse-
linux/4.8/../../../../../ -L/lib64 -L/lib/ -L/usr/lib64 -L/usr/lib -limf -
lifport -lifcoremt -lsvml -lipgo -lirc -lpthread -lgcc_s -lirc_s >&5
ld: cannot find -ldl"
configure:2586: $? = 1
configure: failed program was:
#line 2564 "configure"
#include "confdefs.h"
#define F77_DUMMY_MAIN MAIN__
#ifdef F77_DUMMY_MAIN
#  ifdef __cplusplus
      extern "C"
#  endif

```

```

    int F77_DUMMY_MAIN() { return 1; }
#endif
int
main ()
{

    ;
    return 0;
}
configure:2583: icc -o conftest -g -O2  conftest.c  -L/glade/u/apps/
opt/intel/2017u1/compilers_and_libraries/linux/lib/intel64_lin -L/
glade/u/apps/ch/os/usr/lib64 -L/glade/u/apps/ch/os/lib64 -L/glade/u/
apps/ch/os/usr/lib -L/glade/u/apps/ch/opt/netcdf/4.6.1/intel/17.0.1/
lib -L/glade/u/apps/ch/os/lib -lnetcdff -lnetcdf -lhdf5hl_fortran -
lhdf5_hl -lhdf5_fortran -lhdf5 -lsz -lz -lm -ldl -lrt -ldl" -L/glade/
u/apps/ch/opt/mpt/2.19/opt/hpe/hpc/mpt/mpt-2.19/lib -L/gpfs/u/apps/
opt/intel/2017u1/compilers_and_libraries_2017.1.132/linux/compiler/
lib/intel64_lin -L/usr/lib64/gcc/x86_64-suse-linux/4.8/ -L/usr/lib64/
gcc/x86_64-suse-linux/4.8/../../../../lib64 -L/usr/lib64/gcc/x86_64-
suse-linux/4.8/../../../../lib64/ -L/lib/./lib64 -L/lib/./lib64/ -L/
usr/lib/./lib64 -L/usr/lib/./lib64/ -L/glade/u/apps/ch/opt/mpt/2.19/
opt/hpe/hpc/mpt/mpt-2.19/lib/ -L/usr/lib64/gcc/x86_64-suse-linux/
4.8/../../../../x86_64-suse-linux/lib/ -L/usr/lib64/gcc/x86_64-suse-
linux/4.8/../../../../ -L/lib64 -L/lib/ -L/usr/lib64 -L/usr/lib -limf -
lifport -lifcoremt -lsvml -lipgo -lirc -lpthread -lgcc_s -lirc_s >&5
ld: cannot find -ldl"
configure:2586: $? = 1
configure: failed program was:
#line 2564 "configure"
#include "confdefs.h"
#define F77_DUMMY_MAIN MAIN_
#ifdef F77_DUMMY_MAIN
#  ifdef __cplusplus
extern "C"
#  endif
    int F77_DUMMY_MAIN() { return 1; }
#endif
int
main ()
{

    ;
    return 0;
}
configure:2583: icc -o conftest -g -O2  conftest.c  -L/glade/u/apps/
opt/intel/2017u1/compilers_and_libraries/linux/lib/intel64_lin -L/
glade/u/apps/ch/os/usr/lib64 -L/glade/u/apps/ch/os/lib64 -L/glade/u/
apps/ch/os/usr/lib -L/glade/u/apps/ch/opt/netcdf/4.6.1/intel/17.0.1/
lib -L/glade/u/apps/ch/os/lib -lnetcdff -lnetcdf -lhdf5hl_fortran -
lhdf5_hl -lhdf5_fortran -lhdf5 -lsz -lz -lm -ldl -lrt -ldl" -L/glade/

```

```

u/apps/ch/opt/mpt/2.19/opt/hpe/hpc/mpt/mpt-2.19/lib -L/gpfs/u/apps/
opt/intel/2017u1/compilers_and_libraries_2017.1.132/linux/compiler/
lib/intel64_lin -L/usr/lib64/gcc/x86_64-suse-linux/4.8/ -L/usr/lib64/
gcc/x86_64-suse-linux/4.8/../../../../lib64 -L/usr/lib64/gcc/x86_64-
suse-linux/4.8/../../../../lib64/ -L/lib/./lib64 -L/lib/./lib64/ -L/
usr/lib/./lib64 -L/usr/lib/./lib64/ -L/glade/u/apps/ch/opt/mpt/2.19/
opt/hpe/hpc/mpt/mpt-2.19/lib/ -L/usr/lib64/gcc/x86_64-suse-linux/
4.8/../../../../x86_64-suse-linux/lib/ -L/usr/lib64/gcc/x86_64-suse-
linux/4.8/../../../../ -L/lib64 -L/lib/ -L/usr/lib64 -L/usr/lib -limf -
lifport -lifcoremt -lsvml -lipgo -lirc -lpthread -lgcc_s -lirc_s >&5
ld: cannot find -ldl"

```

configure:2586: \$? = 1

configure: failed program was:

```
#line 2564 "configure"
```

```
#include "confdefs.h"
```

```
#define F77_DUMMY_MAIN __main
```

```
#ifdef F77_DUMMY_MAIN
```

```
#  ifdef __cplusplus
```

```
    extern "C"
```

```
#  endif
```

```
    int F77_DUMMY_MAIN() { return 1; }
```

```
#endif
```

```
int
```

```
main ()
```

```
{
```

```
;
```

```
    return 0;
```

```
}
```

```

configure:2583: icc -o conftest -g -O2  conftest.c  -L/glade/u/apps/
opt/intel/2017u1/compilers_and_libraries/linux/lib/intel64_lin -L/
glade/u/apps/ch/os/usr/lib64 -L/glade/u/apps/ch/os/lib64 -L/glade/u/
apps/ch/os/usr/lib -L/glade/u/apps/ch/opt/netcdf/4.6.1/intel/17.0.1/
lib -L/glade/u/apps/ch/os/lib -lnetcdf -lnetcdf -lhdf5hl_fortran -
lhdf5_hl -lhdf5_fortran -lhdf5 -lsz -lz -lm -ldl -lrt -ldl" -L/glade/
u/apps/ch/opt/mpt/2.19/opt/hpe/hpc/mpt/mpt-2.19/lib -L/gpfs/u/apps/
opt/intel/2017u1/compilers_and_libraries_2017.1.132/linux/compiler/
lib/intel64_lin -L/usr/lib64/gcc/x86_64-suse-linux/4.8/ -L/usr/lib64/
gcc/x86_64-suse-linux/4.8/../../../../lib64 -L/usr/lib64/gcc/x86_64-
suse-linux/4.8/../../../../lib64/ -L/lib/./lib64 -L/lib/./lib64/ -L/
usr/lib/./lib64 -L/usr/lib/./lib64/ -L/glade/u/apps/ch/opt/mpt/2.19/
opt/hpe/hpc/mpt/mpt-2.19/lib/ -L/usr/lib64/gcc/x86_64-suse-linux/
4.8/../../../../x86_64-suse-linux/lib/ -L/usr/lib64/gcc/x86_64-suse-
linux/4.8/../../../../ -L/lib64 -L/lib/ -L/usr/lib64 -L/usr/lib -limf -
lifport -lifcoremt -lsvml -lipgo -lirc -lpthread -lgcc_s -lirc_s >&5
ld: cannot find -ldl"

```

configure:2586: \$? = 1

configure: failed program was:

```
#line 2564 "configure"
```

```
#include "confdefs.h"
```

```

#define F77_DUMMY_MAIN MAIN
#ifdef F77_DUMMY_MAIN
#  ifdef __cplusplus
      extern "C"
#  endif
      int F77_DUMMY_MAIN() { return 1; }
#endif
int
main ()
{

    ;
    return 0;
}
configure:2583: icc -o conftest -g -O2  conftest.c  -L/glade/u/apps/
opt/intel/2017u1/compilers_and_libraries/linux/lib/intel64_lin -L/
glade/u/apps/ch/os/usr/lib64 -L/glade/u/apps/ch/os/lib64 -L/glade/u/
apps/ch/os/usr/lib -L/glade/u/apps/ch/opt/netcdf/4.6.1/intel/17.0.1/
lib -L/glade/u/apps/ch/os/lib -lnetcdff -lnetcdf -lhdf5hl_fortran -
lhdf5_hl -lhdf5_fortran -lhdf5 -lsz -lz -lm -ldl -lrt -ldl" -L/glade/
u/apps/ch/opt/mpt/2.19/opt/hpe/hpc/mpt/mpt-2.19/lib -L/gpfs/u/apps/
opt/intel/2017u1/compilers_and_libraries_2017.1.132/linux/compiler/
lib/intel64_lin -L/usr/lib64/gcc/x86_64-suse-linux/4.8/ -L/usr/lib64/
gcc/x86_64-suse-linux/4.8/../../../../../lib64 -L/usr/lib64/gcc/x86_64-
suse-linux/4.8/../../../../../lib64/ -L/lib/./lib64 -L/lib/./lib64/ -L/
usr/lib/./lib64 -L/usr/lib/./lib64/ -L/glade/u/apps/ch/opt/mpt/2.19/
opt/hpe/hpc/mpt/mpt-2.19/lib/ -L/usr/lib64/gcc/x86_64-suse-linux/
4.8/../../../../../x86_64-suse-linux/lib/ -L/usr/lib64/gcc/x86_64-suse-
linux/4.8/../../../../ -L/lib64 -L/lib/ -L/usr/lib64 -L/usr/lib -limf -
lifport -lifcoremt -lsvml -lipgo -lirc -lpthread -lgcc_s -lirc_s >&5
ld: cannot find -ldl"
configure:2586: $? = 1
configure: failed program was:
#line 2564 "configure"
#include "confdefs.h"
#define F77_DUMMY_MAIN _MAIN
#ifdef F77_DUMMY_MAIN
#  ifdef __cplusplus
      extern "C"
#  endif
      int F77_DUMMY_MAIN() { return 1; }
#endif
int
main ()
{

    ;
    return 0;
}
configure:2583: icc -o conftest -g -O2  conftest.c  -L/glade/u/apps/

```

```

opt/intel/2017u1/compilers_and_libraries/linux/lib/intel64_lin -L/
glade/u/apps/ch/os/usr/lib64 -L/glade/u/apps/ch/os/lib64 -L/glade/u/
apps/ch/os/usr/lib -L/glade/u/apps/ch/opt/netcdf/4.6.1/intel/17.0.1/
lib -L/glade/u/apps/ch/os/lib -lnetcdff -lnetcdf -lhdf5hl_fortran -
lhdf5_hl -lhdf5_fortran -lhdf5 -lsz -lz -lm -ldl -lrt -ldl" -L/glade/
u/apps/ch/opt/mpt/2.19/opt/hpe/hpc/mpt/mpt-2.19/lib -L/gpfs/u/apps/
opt/intel/2017u1/compilers_and_libraries_2017.1.132/linux/compiler/
lib/intel64_lin -L/usr/lib64/gcc/x86_64-suse-linux/4.8/ -L/usr/lib64/
gcc/x86_64-suse-linux/4.8/../../../../lib64 -L/usr/lib64/gcc/x86_64-
suse-linux/4.8/../../../../lib64/ -L/lib/./lib64 -L/lib/./lib64/ -L/
usr/lib/./lib64 -L/usr/lib/./lib64/ -L/glade/u/apps/ch/opt/mpt/2.19/
opt/hpe/hpc/mpt/mpt-2.19/lib/ -L/usr/lib64/gcc/x86_64-suse-linux/
4.8/../../../../x86_64-suse-linux/lib/ -L/usr/lib64/gcc/x86_64-suse-
linux/4.8/../../../../ -L/lib64 -L/lib/ -L/usr/lib64 -L/usr/lib -limf -
lifport -lifcoremt -lsvml -lipgo -lirc -lpthread -lgcc_s -lirc_s >&5
ld: cannot find -ldl"
configure:2586: $? = 1
configure: failed program was:
#line 2564 "configure"
#include "confdefs.h"
#define F77_DUMMY_MAIN __MAIN
#ifdef F77_DUMMY_MAIN
#  ifdef __cplusplus
extern "C"
#  endif
int F77_DUMMY_MAIN() { return 1; }
#endif
int
main ()
{

;
return 0;
}
configure:2583: icc -o conftest -g -O2 conftest.c -L/glade/u/apps/
opt/intel/2017u1/compilers_and_libraries/linux/lib/intel64_lin -L/
glade/u/apps/ch/os/usr/lib64 -L/glade/u/apps/ch/os/lib64 -L/glade/u/
apps/ch/os/usr/lib -L/glade/u/apps/ch/opt/netcdf/4.6.1/intel/17.0.1/
lib -L/glade/u/apps/ch/os/lib -lnetcdff -lnetcdf -lhdf5hl_fortran -
lhdf5_hl -lhdf5_fortran -lhdf5 -lsz -lz -lm -ldl -lrt -ldl" -L/glade/
u/apps/ch/opt/mpt/2.19/opt/hpe/hpc/mpt/mpt-2.19/lib -L/gpfs/u/apps/
opt/intel/2017u1/compilers_and_libraries_2017.1.132/linux/compiler/
lib/intel64_lin -L/usr/lib64/gcc/x86_64-suse-linux/4.8/ -L/usr/lib64/
gcc/x86_64-suse-linux/4.8/../../../../lib64 -L/usr/lib64/gcc/x86_64-
suse-linux/4.8/../../../../lib64/ -L/lib/./lib64 -L/lib/./lib64/ -L/
usr/lib/./lib64 -L/usr/lib/./lib64/ -L/glade/u/apps/ch/opt/mpt/2.19/
opt/hpe/hpc/mpt/mpt-2.19/lib/ -L/usr/lib64/gcc/x86_64-suse-linux/
4.8/../../../../x86_64-suse-linux/lib/ -L/usr/lib64/gcc/x86_64-suse-
linux/4.8/../../../../ -L/lib64 -L/lib/ -L/usr/lib64 -L/usr/lib -limf -
lifport -lifcoremt -lsvml -lipgo -lirc -lpthread -lgcc_s -lirc_s >&5

```



```

ld: cannot find -ldl"
configure:2586: $? = 1
configure: failed program was:
#line 2564 "configure"
#include "confdefs.h"
#define F77_DUMMY_MAIN main_
#ifdef F77_DUMMY_MAIN
#  ifdef __cplusplus
      extern "C"
#  endif
      int F77_DUMMY_MAIN() { return 1; }
#endif
int
main ()
{

;
    return 0;
}
configure:2583: icc -o conftest -g -O2  conftest.c -L/glade/u/apps/
opt/intel/2017u1/compilers_and_libraries/linux/lib/intel64_lin -L/
glade/u/apps/ch/os/usr/lib64 -L/glade/u/apps/ch/os/lib64 -L/glade/u/
apps/ch/os/usr/lib -L/glade/u/apps/ch/opt/netcdf/4.6.1/intel/17.0.1/
lib -L/glade/u/apps/ch/os/lib -lnetcdff -lnetcdf -lhdf5hl_fortran -
lhdf5_hl -lhdf5_fortran -lhdf5 -lsz -lz -lm -ldl -lrt -ldl" -L/glade/
u/apps/ch/opt/mpt/2.19/opt/hpe/hpc/mpt/mpt-2.19/lib -L/gpfs/u/apps/
opt/intel/2017u1/compilers_and_libraries_2017.1.132/linux/compiler/
lib/intel64_lin -L/usr/lib64/gcc/x86_64-suse-linux/4.8/ -L/usr/lib64/
gcc/x86_64-suse-linux/4.8/../../../../lib64 -L/usr/lib64/gcc/x86_64-
suse-linux/4.8/../../../../lib64/ -L/lib/./lib64 -L/lib/./lib64/ -L/
usr/lib/./lib64 -L/usr/lib/./lib64/ -L/glade/u/apps/ch/opt/mpt/2.19/
opt/hpe/hpc/mpt/mpt-2.19/lib/ -L/usr/lib64/gcc/x86_64-suse-linux/
4.8/../../../../x86_64-suse-linux/lib/ -L/usr/lib64/gcc/x86_64-suse-
linux/4.8/../../../../ -L/lib64 -L/lib/ -L/usr/lib64 -L/usr/lib -limf -
lifport -lifcoremt -lsvml -lipgo -lirc -lpthread -lgcc_s -lirc_s >&5
ld: cannot find -ldl"
configure:2586: $? = 1
configure: failed program was:
#line 2564 "configure"
#include "confdefs.h"
#define F77_DUMMY_MAIN main__
#ifdef F77_DUMMY_MAIN
#  ifdef __cplusplus
      extern "C"
#  endif
      int F77_DUMMY_MAIN() { return 1; }
#endif
int
main ()
{

```

```

;
return 0;
}
configure:2583: icc -o conftest -g -O2 conftest.c -L/glade/u/apps/
opt/intel/2017u1/compilers_and_libraries/linux/lib/intel64_lin -L/
glade/u/apps/ch/os/usr/lib64 -L/glade/u/apps/ch/os/lib64 -L/glade/u/
apps/ch/os/usr/lib -L/glade/u/apps/ch/opt/netcdf/4.6.1/intel/17.0.1/
lib -L/glade/u/apps/ch/os/lib -lnetcdff -lnetcdf -lhdf5hl_fortran -
lhdf5_hl -lhdf5_fortran -lhdf5 -lsz -lz -lm -ldl -lrt -ldl" -L/glade/
u/apps/ch/opt/mpt/2.19/opt/hpe/hpc/mpt/mpt-2.19/lib -L/gpfs/u/apps/
opt/intel/2017u1/compilers_and_libraries_2017.1.132/linux/compiler/
lib/intel64_lin -L/usr/lib64/gcc/x86_64-suse-linux/4.8/ -L/usr/lib64/
gcc/x86_64-suse-linux/4.8/../../../../lib64 -L/usr/lib64/gcc/x86_64-
suse-linux/4.8/../../../../lib64/ -L/lib/./lib64 -L/lib/./lib64/ -L/
usr/lib/./lib64 -L/usr/lib/./lib64/ -L/glade/u/apps/ch/opt/mpt/2.19/
opt/hpe/hpc/mpt/mpt-2.19/lib/ -L/usr/lib64/gcc/x86_64-suse-linux/
4.8/../../../../x86_64-suse-linux/lib/ -L/usr/lib64/gcc/x86_64-suse-
linux/4.8/../../../../ -L/lib64 -L/lib/ -L/usr/lib64 -L/usr/lib -limf -
lifport -lifcoremt -lsvml -lipgo -lirc -lpthread -lgcc_s -lirc_s >&5
ld: cannot find -ldl"
configure:2586: $? = 1
configure: failed program was:
#line 2564 "configure"
#include "confdefs.h"
#define F77_DUMMY_MAIN _main
#ifdef F77_DUMMY_MAIN
#  ifdef __cplusplus
extern "C"
#  endif
int F77_DUMMY_MAIN() { return 1; }
#endif
int
main ()
{

;
return 0;
}
configure:2611: result: unknown
configure:2623: error: linking to Fortran libraries from C fails

## ----- ##
## Cache variables. ##
## ----- ##

ac_cv_c_compiler_gnu=yes
ac_cv_env_CC_set=set
ac_cv_env_CC_value=icc
ac_cv_env_CFLAGS_set=

```

```

ac_cv_env_CFLAGS_value=
ac_cv_env_CPPFLAGS_set=
ac_cv_env_CPPFLAGS_value=
ac_cv_env_F77_set=set
ac_cv_env_F77_value=ifort
ac_cv_env_FFLAGS_set=
ac_cv_env_FFLAGS_value=
ac_cv_env_LDFLAGS_set=
ac_cv_env_LDFLAGS_value=
ac_cv_env_build_alias_set=
ac_cv_env_build_alias_value=
ac_cv_env_host_alias_set=
ac_cv_env_host_alias_value=
ac_cv_env_target_alias_set=
ac_cv_env_target_alias_value=
ac_cv_exeext=
ac_cv_f77_compiler_gnu=no
ac_cv_f77_dummy_main=unknown
ac_cv_flibs=' -L/glade/u/apps/opt/intel/2017u1/
compilers_and_libraries/linux/lib/intel64_lin -L/glade/u/apps/ch/os/
usr/lib64 -L/glade/u/apps/ch/os/lib64 -L/glade/u/apps/ch/os/usr/lib -
L/glade/u/apps/ch/opt/netcdf/4.6.1/intel/17.0.1/lib -L/glade/u/apps/
ch/os/lib -lnetcdf -lnetcdf -lhdf5hl_fortran -lhdf5_hl -lhdf5_fortran
-lhdf5 -lsz -lz -lm -ldl -lrt -ldl" -L/glade/u/apps/ch/opt/mpt/2.19/
opt/hpe/hpc/mpt/mpt-2.19/lib -L/gpfs/u/apps/opt/intel/2017u1/
compilers_and_libraries_2017.1.132/linux/compiler/lib/intel64_lin -L/
usr/lib64/gcc/x86_64-suse-linux/4.8/ -L/usr/lib64/gcc/x86_64-suse-
linux/4.8/../../../../lib64 -L/usr/lib64/gcc/x86_64-suse-linux/
4.8/../../../../lib64/ -L/lib/./lib64 -L/lib/./lib64/ -L/usr/lib/./
lib64 -L/usr/lib/./lib64/ -L/glade/u/apps/ch/opt/mpt/2.19/opt/hpe/
hpc/mpt/mpt-2.19/lib/ -L/usr/lib64/gcc/x86_64-suse-linux/
4.8/../../../../x86_64-suse-linux/lib/ -L/usr/lib64/gcc/x86_64-suse-
linux/4.8/../../../../ -L/lib64 -L/lib/ -L/usr/lib64 -L/usr/lib -limf -
lifport -lifcoremt -lsvml -lipgo -lirc -lpthread -lgcc_s -lirc_s'
ac_cv_objext=o
ac_cv_prog_ac_ct_CC=icc
ac_cv_prog_cc_g=yes
ac_cv_prog_cc_stdcc=
ac_cv_prog_f77_g=yes
ac_cv_prog_f77_v=-v

```

```

## ----- ##
## confdefs.h. ##
## ----- ##

```

```

#define PACKAGE_NAME ""
#define PACKAGE_TARNAME ""
#define PACKAGE_VERSION ""
#define PACKAGE_STRING ""
#define PACKAGE_BUGREPORT ""

```

configure: exit 1