

CGNS Testing Specifications by The HDF Group

The HDF group's systems testing protocols for CGNS; details the testing coverage for CGNS.

Compiler Coverage

Linux/Apple:

- GNU (4 series and 5 series)
- PGI
- Sun
- IBM XL
- Intel
- Mpich 3.2 (built with GNU 5 series compilers)

Windows:

- Intel

Configuration coverage

Linux/Apple	Test					
	#1	#2	#3	#4	#5	#6
--with-fortran	x	x		x	x	x
--enable-parallel					x	x
--with-hdf5			x	x	x	x
--enable-64bit	x		x		x	
--enable-legacy	x		x			x
--enable-lfs	x		x	x	x	
--enable-debug	x	x	x		x	

Options always specified (can be changed later):

- --disable-cgntools --disable-x --disable-shared

Windows	#1	#2	#5
CGNS_ENABLE_FORTRAN:BOOL=ON	x	x	
CGNS_ENABLE_HDF5:BOOL=ON			x
CGNS_ENABLE_64BIT:BOOL=ON	x		x
CGNS_ENABLE_LFS:BOOL=ON		x	x

Options always specified (can be changed later):

- -D CGNS_BUILD_CGNTOOLS:BOOL=OFF -D CGNS_ENABLE_TESTS:BOOL=ON

Additional compiler flags

Fortran (none) – Should add default 8 byte Integers and 8 byte Reals in the future.

C (none)