



Personal Open source Business Explore

Pricing Blog Support

This repository Search

Projects
Sign in
None yet

Sign up

numpy / numpy

Watch 250

Star 3,368

Labels
None yet

Fork 1,704

<> Code

Issues 1,153

Pull requests 147

Projects 0

Wiki

Pulse

Graphs

python 3.5_64b windows 10 - how to use f2py with vs 2015 and ifort 2016? #7559

Closed denfromufa opened this issue on Apr 18 · 3 comments

Milestone

No milestone

New issue

Assignees

No one assigned

2 participants



denfromufa commented on Apr 18 • edited

```
C:\Program Files (x86)\IntelSWTools\compilers_and_libraries_2016\windows\bin>ifortvars.bat intel64 \

Intel(R) MPI Library 5.1 Update 3 for Windows* Target Build Environment for Intel(R) 64 application:
Copyright (C) 2007-2015 Intel Corporation. All rights reserved.

Copyright (C) 1985-2016 Intel Corporation. All rights reserved.
Intel(R) Compiler 16.0 Update 2 (package 180)

C:\Program Files (x86)\IntelSWTools\compilers_and_libraries_2016\windows\bin>activate py35
Deactivating environment "C:\Python\Miniconda27_32b"...
Activating environment "C:\Python\Miniconda27_32b\envs\py35"...

[py35] C:\Program Files (x86)\IntelSWTools\compilers_and_libraries_2016\windows\bin>python "C:\Python\Scripts\ifortvars.bat"
Fortran compilers found:
Compilers available for this platform, but not found:
--fcompiler=absoft      Absoft Corp Fortran Compiler
--fcompiler=compaqv     DIGITAL or Compaq Visual Fortran Compiler
--fcompiler=g95         G95 Fortran Compiler
--fcompiler=gnu         GNU Fortran 77 compiler
--fcompiler=gnu95       GNU Fortran 95 compiler
--fcompiler=intelem     Intel Fortran Compiler for 64-bit apps
--fcompiler=intele      Intel Visual Fortran Compiler for Itanium apps
--fcompiler=intel       Intel Visual Fortran Compiler for 32-bit apps
--fcompiler=intelvm     Intel Visual Fortran Compiler for 64-bit apps
Compilers not available on this platform:
--fcompiler=compaq      Compaq Fortran Compiler
--fcompiler=hpx         HP Fortran 90 Compiler
--fcompiler=ibm         IBM XL Fortran Compiler
--fcompiler=intel       Intel Fortran Compiler for 32-bit apps
--fcompiler=intele      Intel Fortran Compiler for Itanium apps
--fcompiler=lahey       Lahey/Fujitsu Fortran 95 Compiler
--fcompiler=mips        MIPSpro Fortran Compiler
--fcompiler=nag         NAGWare Fortran 95 Compiler
--fcompiler=none        Fake Fortran compiler
--fcompiler=pathf95     PathScale Fortran Compiler
--fcompiler=pg          Portland Group Fortran Compiler
--fcompiler=sun         Sun or Forte Fortran 95 Compiler
--fcompiler=vast        Pacific-Sierra Research Fortran 90 Compiler
For compiler details, run 'config_fc --verbose' setup command.
Removing build directory C:\Users\DENFRO~1\AppData\Local\Temp\tmpjai5as_0

[py35] C:\Program Files (x86)\IntelSWTools\compilers_and_libraries_2016\windows\bin>python "C:\Python\Scripts\ifortvars.bat"
Calling 'vcvarsall.bat amd64' (version=14.0)
set_threshold: not changing threshold from DEBUG level 1 to 4
customize GnuFCCompiler
find_executable('g77')
Could not locate executable g77
find_executable('f77')
Could not locate executable f77
show_fccompilers: gnu not found
CompilerNotFound('gnu: f90 nor f77',)
set_threshold: not changing threshold from DEBUG level 1 to 4
customize IntelVisualFCCompiler
find_executable('ifort')
```

```

Found executable C:\Program Files (x86)\IntelSWTools\compilers_and_libraries_2016\windows\bin\intel
exec_command(['C:\Program Files (x86)\IntelSWTools\compilers_and_libraries_2016\windows\bin\
Retaining cwd: C:\Program Files (x86)\IntelSWTools\compilers_and_libraries_2016\windows\bin
_preserve_environment([])
_update_environment(...)
_exec_command(...)
find_executable('C:\Program Files (x86)\IntelSWTools\compilers_and_libraries_2016\windows\bin
Found executable C:\Program Files (x86)\IntelSWTools\compilers_and_libraries_2016\windows\bin\intel
Running spawnve(0,'C:\Program Files (x86)\IntelSWTools\compilers_and_libraries_2016\windows\bin
_update_environment(...)
show_fc compilers: intelv not found
CompilerNotFound()
set_threshold: not changing threshold from DEBUG level 1 to 4
customize AbsoftFCompiler
find_executable('f90')
Could not locate executable f90
show_fc compilers: absoft not found
CompilerNotFound('absoft: f90 nor f77',)
set_threshold: not changing threshold from DEBUG level 1 to 4
customize CompaqVisualFCompiler
find_executable('DF')
Could not locate executable DF
show_fc compilers: compaqv not found
CompilerNotFound('compaqv: f90 nor f77',)
set_threshold: not changing threshold from DEBUG level 1 to 4
customize IntelItaniumVisualFCompiler
find_executable('efl')
Could not locate executable efl
show_fc compilers: intelv not found
CompilerNotFound('intelv: f90 nor f77',)
set_threshold: not changing threshold from DEBUG level 1 to 4
customize Gnu95FCompiler
find_executable('gfortran')
Could not locate executable gfortran
find_executable('f95')
Could not locate executable f95
show_fc compilers: gnu95 not found
CompilerNotFound('gnu95: f90 nor f77',)
set_threshold: not changing threshold from DEBUG level 1 to 4
customize G95FCompiler
find_executable('g95')
Could not locate executable g95
show_fc compilers: g95 not found
CompilerNotFound('g95: f90 nor f77',)
set_threshold: not changing threshold from DEBUG level 1 to 4
customize IntelEM64VisualFCompiler
exec_command(['C:\Program Files (x86)\IntelSWTools\compilers_and_libraries_2016\windows\bin\
Retaining cwd: C:\Program Files (x86)\IntelSWTools\compilers_and_libraries_2016\windows\bin
_preserve_environment([])
_update_environment(...)
_exec_command(...)
Running spawnve(0,'C:\Program Files (x86)\IntelSWTools\compilers_and_libraries_2016\windows\bin
_update_environment(...)
show_fc compilers: intelvem not found
CompilerNotFound()
set_threshold: not changing threshold from DEBUG level 1 to 4
customize IntelEM64TFCompiler
exec_command(['C:\Program Files (x86)\IntelSWTools\compilers_and_libraries_2016\windows\bin\
Retaining cwd: C:\Program Files (x86)\IntelSWTools\compilers_and_libraries_2016\windows\bin
_preserve_environment([])
_update_environment(...)
_exec_command(...)
Running spawnve(0,'C:\Program Files (x86)\IntelSWTools\compilers_and_libraries_2016\windows\bin
_update_environment(...)
show_fc compilers: intelv not found
CompilerNotFound()
Fortran compilers found:
Compilers available for this platform, but not found:
--fcompiler=absoft      Absoft Corp Fortran Compiler
--fcompiler=compaqv     DIGITAL or Compaq Visual Fortran Compiler
--fcompiler=g95         G95 Fortran Compiler
--fcompiler=gnu         GNU Fortran 77 compiler
--fcompiler=gnu95       GNU Fortran 95 compiler
--fcompiler=intelem     Intel Fortran Compiler for 64-bit apps
--fcompiler=intelv      Intel Visual Fortran Compiler for Itanium apps
--fcompiler=intelv      Intel Visual Fortran Compiler for 32-bit apps
--fcompiler=intelvem     Intel Visual Fortran Compiler for 64-bit apps
Compilers not available on this platform:
--fcompiler=compaq      Compaq Fortran Compiler
--fcompiler=hpux        HP Fortran 90 Compiler

```

Projects

None yet

Labels

None yet

Milestone

No milestone

Assignees

No one assigned

2 participants



```
--fcompiler=intel      Intel Fortran Compiler for 32-bit apps
--fcompiler=intele     Intel Fortran Compiler for Itanium apps
--fcompiler=lahey      Lahey/Fujitsu Fortran 95 Compiler
--fcompiler=mips       MIPSpro Fortran Compiler
--fcompiler=nag         NAGWare Fortran 95 Compiler
--fcompiler=none       Fake Fortran compiler
--fcompiler=pathf95     PathScale Fortran Compiler
--fcompiler=pg          Portland Group Fortran Compiler
--fcompiler=sun         Sun or Forte Fortran 95 Compiler
--fcompiler=vast        Pacific-Sierra Research Fortran 90 Compiler

For compiler details, run 'config_fc --verbose' setup command.
Removing build directory C:\Users\DENFRO~1\AppData\Local\Temp\tmpgaxuhzo3
```

Projects

None yet

Labels

None yet

Milestone

No milestone

Assignees

No one assigned

2 participants



denfromufa changed the title from **python 3.5 32b windows 10 - how to use f2py with vs 2015 and ifort 2016?** to **python 3.5 64b windows 10 - how to use f2py with vs 2015 and ifort 2016?** on Apr 18



denfromufa commented on Apr 18

@cgohlke do you know how to get f2py to recognize ifort 2016?



cgohlke commented on Apr 19

It worked for me with numpy-1.10.4:

```
X:>"C:\Program Files (x86)\IntelSWTools\compilers_and_libraries_2016\windows\bin\ifortvars.bat" in
Intel(R) MPI Library 5.1 Update 3 for Windows* Target Build Environment for Intel(R) 64 applicatio
Copyright (C) 2007-2015 Intel Corporation. All rights reserved.

Copyright (C) 1985-2016 Intel Corporation. All rights reserved.
Intel(R) Compiler 16.0 Update 2 (package 180)

X:>X:\Python35\python.exe X:\Python35\Scripts\f2py.py -c --help-fcompiler
IntelEM64VisualFCompiler instance properties:
  archiver      = ['C:\Program Files
                 (x86)\IntelSWTools\compilers_and_libraries_2016\windows
                 \bin\intel64\ifort.exe', '/verbose', '/OUT:']
  compile_switch = '/c '
  compiler_f77   = ['C:\Program Files
                 (x86)\IntelSWTools\compilers_and_libraries_2016\windows
                 \bin\intel64\ifort.exe', '/nologo', '/MD', '/nbs',
                 '/names:lowercase', '/assume:underscore', '/O1',
                 '/QaxSSE3']
  compiler_f90   = ['C:\Program Files
                 (x86)\IntelSWTools\compilers_and_libraries_2016\windows
                 \bin\intel64\ifort.exe', '/nologo', '/MD', '/nbs',
                 '/names:lowercase', '/assume:underscore', '/O1',
                 '/QaxSSE3']
  compiler_fix   = ['C:\Program Files
                 (x86)\IntelSWTools\compilers_and_libraries_2016\windows
                 \bin\intel64\ifort.exe', '/nologo', '/MD', '/nbs',
                 '/names:lowercase', '/assume:underscore', '/O1',
                 '/QaxSSE3']
  libraries      = []
  library_dirs    = []
  linker_exe      = None
  linker_so       = ['C:\Program Files
                 (x86)\IntelSWTools\compilers_and_libraries_2016\windows
                 \bin\intel64\ifort.exe']
  object_switch   = '/Fo'
  ranlib          = None
  version         = LooseVersion('16.0')
  version_cmd     = ['C:\Program Files
                 (x86)\IntelSWTools\compilers_and_libraries_2016\windows
                 \bin\intel64\ifort.exe', '/FI', '/c',
                 'C:\Users\gohlke\AppData\Local\Temp\tmpej_ipw2b\_0y
                 su33a.f', '/o',
                 'C:\Users\gohlke\AppData\Local\Temp\tmpej_ipw2b\_0y
                 su33a.o']

Fortran compilers found:
```

```
--fcompiler=intelvem Intel Visual Fortran Compiler for 64-bit apps (16.0)
Compilers available for this platform, but not found:
--fcompiler=absoft Absoft Corp Fortran Compiler
--fcompiler=compaqv DIGITAL or Compaq Visual Fortran Compiler
--fcompiler=g95 G95 Fortran Compiler
--fcompiler=gnu GNU Fortran 77 compiler
--fcompiler=gnu95 GNU Fortran 95 compiler
--fcompiler=intelem Intel Fortran Compiler for 64-bit apps
--fcompiler=intellev Intel Visual Fortran Compiler for Itanium apps
--fcompiler=intelv Intel Visual Fortran Compiler for 32-bit apps
Compilers not available on this platform:
--fcompiler=compaq Compaq Fortran Compiler
--fcompiler=hpx HP Fortran 90 Compiler
--fcompiler=ibm IBM XL Fortran Compiler
--fcompiler=intel Intel Fortran Compiler for 32-bit apps
--fcompiler=intele Intel Fortran Compiler for Itanium apps
--fcompiler=lahey Lahey/Fujitsu Fortran 95 Compiler
--fcompiler=mips MIPSpro Fortran Compiler
--fcompiler=nag NAGWare Fortran 95 Compiler
--fcompiler=none Fake Fortran compiler
--fcompiler=pathf95 PathScale Fortran Compiler
--fcompiler=pg Portland Group Fortran Compiler
--fcompiler=sun Sun or Forte Fortran 95 Compiler
--fcompiler=vast Pacific-Sierra Research Fortran 90 Compiler
For compiler details, run 'config_fc --verbose' setup command.
```

Projects

None yet

Labels

None yet

Milestone

No milestone

Assignees

No one assigned

2 participants



denfrommufa commented on Apr 20 • edited

@cgohlke it worked! I had the ifort license incorrectly setup. Once I added the license file, f2py is working!

 denfrommufa closed this on Apr 20

[Sign up for free](#) to join this conversation on GitHub. Already have an account? [Sign in to comment](#)

