

Forum:[Hack Forums](#)

Thread: [Error in compiling cython extension on Python 3.6.4 on Windows 8 using MS Visual Stud](#)

goldenmean - June 3, 2019, 1:42 pm

I have a setup.py file as below:

```
Code #from distutils.core import setup
from setuptools import setup, find_packages, Extension, Command
from Cython.Build import cythonize
```

```
setup(
    ext_modules = cythonize("cyt_hello_world.pyx")
)
```

And a simple print as below in file cyt_hello_world.pyx

```
Code print("Cython Hello World!")
```

I compile this cython extension on Windows using below command

```
python setup.py build_ext --inplace
```

Whether I use distutils or setuptools in the setup.py file above, both give errors as below.

Error seen, If I use distutils

```
F:\PythonCode>python setup.py build_ext --inplace running build_ext building 'cyt_hello_world'
extension
```

```
error: Unable to find vcvarsall.bat
```

If I use setuptools, below is the error

```
F:\PythonCode>python setup.py build_ext --inplace running build_ext building 'cyt_hello_world'
extension
```

```
error: Microsoft Visual C++ 14.0 is required. Get it with "Microsoft Visual C++ Build Tools":
```

I have Microsoft Visual Studio installed at path : C:\Program Files (x86)\Microsoft Visual Studio 12.0

I can see file vcvarsall.bat in MSVisual Studio 12.0 installation folder C:\Program Files (x86)\Microsoft Visual Studio 12.0\VC

How can i point to this *.bat and resolve these errors if i use distutils OR

How can i fix the errors: "Microsoft Visual C++ 14.0 is required", if any different installation needed?

Can someone give any inputs?

NOTE: I have tried setting set VS90COMNTOOLS=%VS120COMNTOOLS% but no success, same error of vcvarsall.bat . I have also added C:\Program Files (x86)\Microsoft Visual Studio 12.0\VC to my windows PATH variable, but no success.

