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Thread: [Using pip with multiple versions of Python installed](#)

lockhead - August 13, 2019, 7:01 am

So I already have 2 versions of Python installed (2.7 and 3.7) but I want to get into machine learning with tensorflow.

Tensorflow requires Python version 3 or above, but doesn't support 3.7 so I installed Python3.6.

Now in Python36/Scripts I have pip3.6.exe and pip3.exe. If I try to install tensorflow like so
Code `pip3.6.exe -m install tensorflow`
I get the following error output

Code Traceback (most recent call last):

File "g:\python3.6.8\lib\runpy.py", line 193, in `_run_module_as_main`
 "`__main__`", mod_spec)

File "g:\python3.6.8\lib\runpy.py", line 85, in `_run_code`
 exec(code, run_globals)

File "G:\Python3.6.8\Scripts\pip3.exe__main__.py", line 5, in `<module>`

ModuleNotFoundError: No module named 'pip'

I tried renaming pip3.6 to just pip but it didn't work, so any help would be greatly appreciated!

EDIT:

I found a solution (workaround?) by installing pip via `easy_install`

Code `easy_install-3.6.exe pip`

Still can't install tf, but that's a separate issue...

Wiked™ - August 13, 2019, 4:58 pm

Code `python -m pip install package` always works using the correct python path variable

Lindros - August 13, 2019, 10:08 pm

What integrated development environment are you using?

xapox - August 16, 2019, 1:42 pm

Use virtualenv for that purpose and for development as well it will help you to not thrash your system with different packages but keep only necessary ones, same will go for development environment

Create environment

Code `virtualenv --python=/usr/bin/python3.6 <path/to/new/virtualenv/>` Or change path to python above.

To activate environment use:

Code `source <path/to/new/virtualenv/bin/activate>` to deactivate simply write `deactivate`.

Xamarin - August 17, 2019, 3:02 am

Make a favor to yourself and don't install them like that, but rather use PyEnv. It will save you from tons of frustration as soon you set it up and running.

datguy.dev - August 17, 2019, 8:45 pm

You forgot pip. Instead of `"pip3.6.exe -m install tensorflow"` do `"pip3.6.exe -m pip install tensorflow"`

