

First of all – Python is one of the most popular and flexible programming languages out there (see “Python” under: [best-programming-languages-to-learn-in-2018](#)). For this reason, there is a lot of information online on python-related issues. While we’ve tried to make the installations as easy as possible, you might still encounter issues that we did not cover. If so, we highly recommend checking on google before contacting us – it is highly likely you will find a quick solution. Of course, if you’re still encountering issues after searching online – reach out to us.

How to install python 3.5.2 (**must be this version!**):

Windows:

1. Go to: <https://www.python.org/downloads/release/python-352/>
2. Scroll down to **Files**
3. **Select an installation** that suits your OS (e.g. for Windows 64-bit the easiest way would be to click on: [Windows x86-64 executable installer](#) and follow the instructions from there on, but use the default installation path supplied).

Mac:

We recommend using the general guidelines described in [this video](#), but make sure to install python 3.5.2 instead of the version shown.

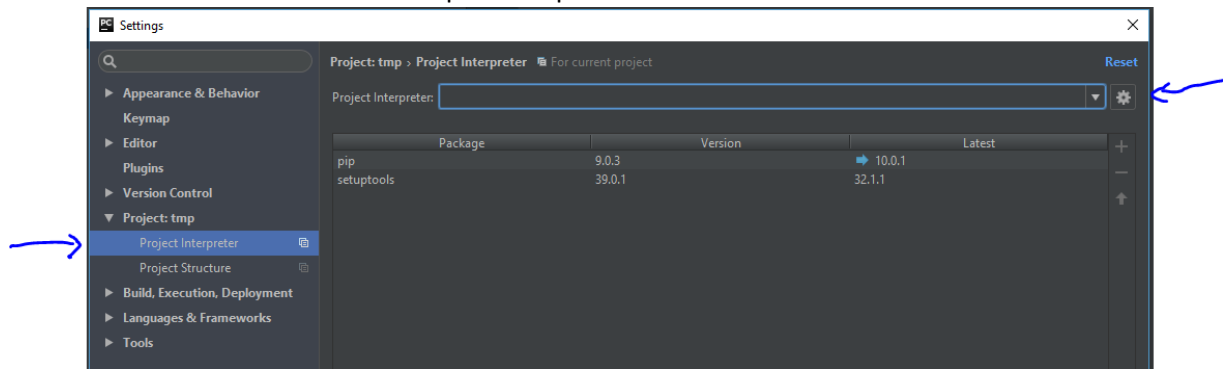
Downloading a Python IDE:

The most convenient python interpreter is **PyCharm**, provided by Jet Brains. You can find the installations here: <https://www.jetbrains.com/pycharm/download/#section=windows>

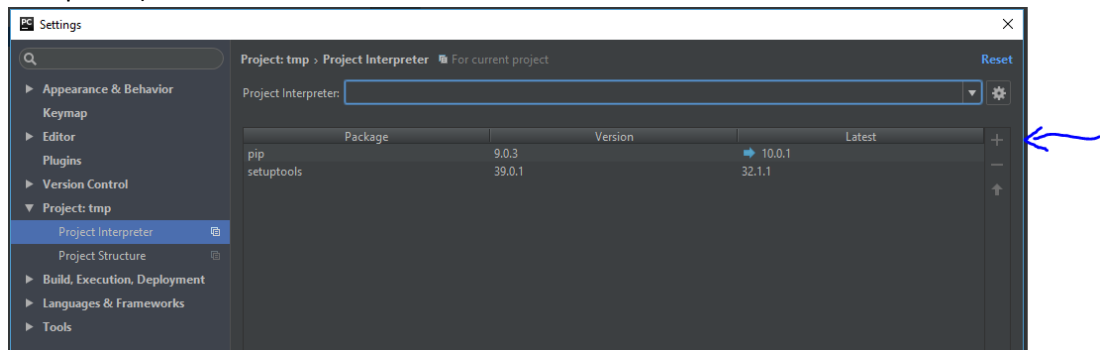
Configuring your python interpreter in PyCharm + installing the TensorFlow package:

1. Open PyCharm (e.g. start → PyCharm)
2. File → New Project → Choose a path → Create → Double click the folder’s name on the top left to open the project’s hierarchy.
3. Make sure you have the right interpreter: Click File → Setting → Project Interpreter → Click on the Project Interpreter drop-down bar → if python 3.5.2 version is there – click on it → click OK.
*** If the python 3.5.2 version is not in the drop-down: click the settings wheel on the top right → Add Local → type in the path:
C:\Users\<YOUR_USER>\AppData\Local\Programs\Python\Python35\python.exe → click OK.

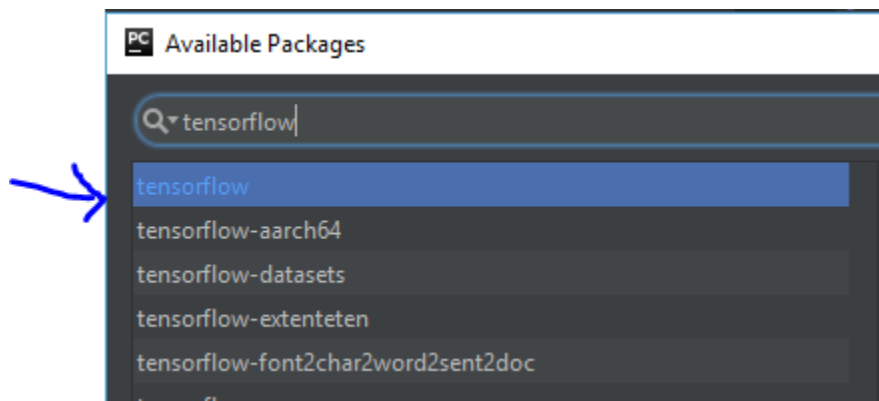
***mac users will have to find the equivalent path.



4. Installing TensorFlow: in the same Settings window that appears above (File → Setting → Project Interpreter)
 - a. click on the **+** under the settings wheel (it should be green after selecting the 3.5.2 interpreter):



- b. Type: **tensorflow** in the search bar at the top:



- c. Click on **Install Package** (bottom left).
 - d. Go get a cup of coffee – this will take a few minutes.
5. Click OK.

continued below...

Combining it all – testing python’s TensorFlow using PyCharm:

1. In the PyCharm Project hierarchy you opened earlier: right-click the folder name (top left under Project) → New → Python File → Name it “test” → Copy-paste the following code:

```
import tensorflow as tf
hello = tf.constant('Hello, TensorFlow!')
sess = tf.Session()
print(sess.run(hello))
```

2. Click the green play button on the top.

This should produce the following output:

```
b'Hello, TensorFlow!'
Process finished with exit code 0
```