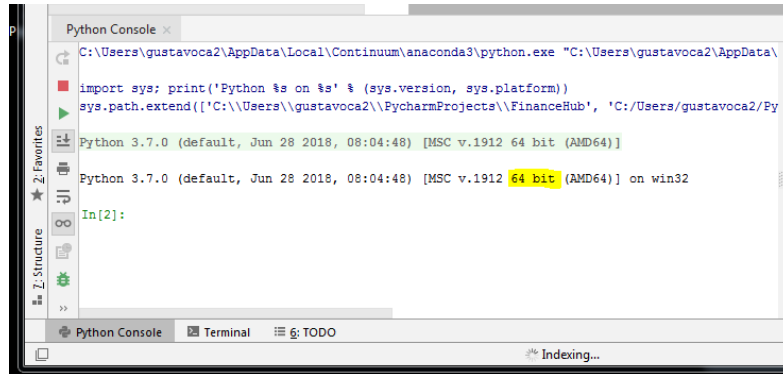


FinanceHub - Bloomberg Python API – Installation Instructions

The Bloomberg python library (blpapi) is not listed in the anaconda distribution system so we have to install it manually. For this Bloomberg API setup, you must already have Anaconda and PyCharm installed on your computer and have access to a Bloomberg terminal.

Step 1: Find out your python version

Open any project on PyCharm and start the console. The python version will print as it the console finishes the boot up.



Step 2: Download the wheel installer

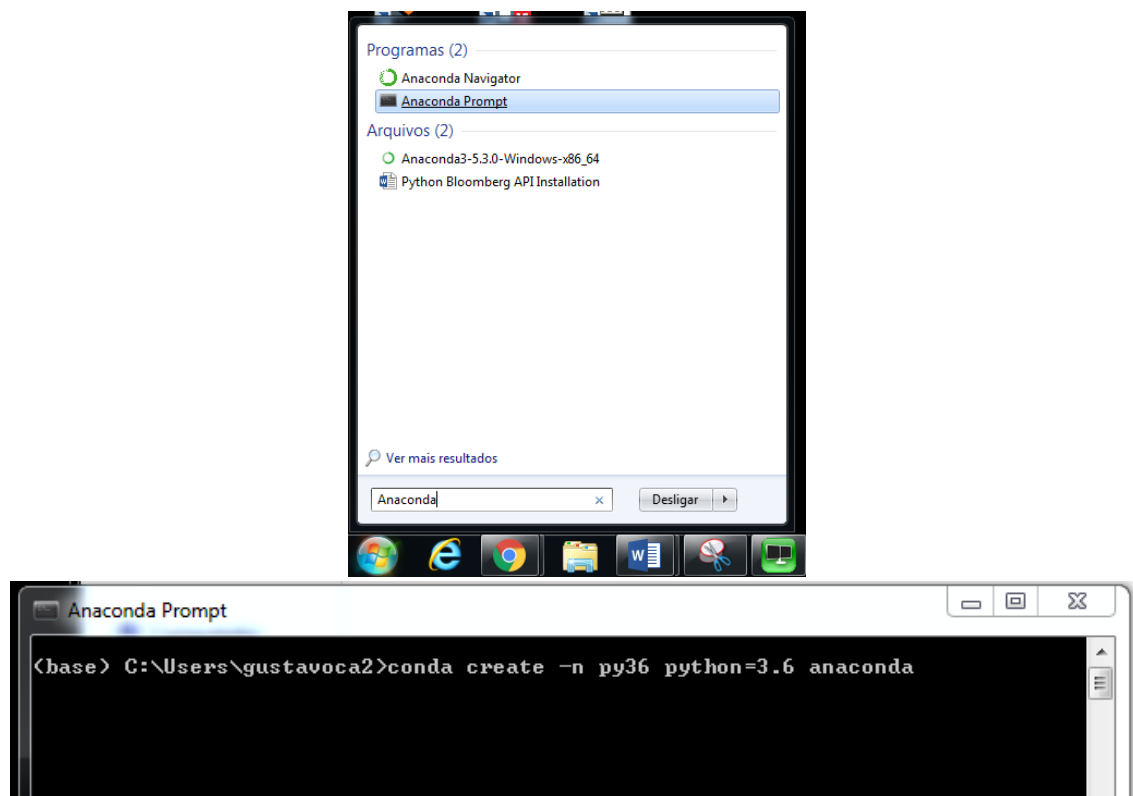
Download the wheel installer file corresponding to the version of Python you have.

For 32-Bit Python	For 64-Bit Python
Python 3.6 32-Bit - wheel installer	Python 3.6 64-Bit - wheel installer

Step 3: Create a Python 3.6 environment

Open the anaconda prompt and run the following line. It will create a python 3.6 environment called py36.

```
conda create -n py36 python=3.6 anaconda
```



It will ask you to proceed. Just type “y” and hit enter

```
conda create -n py36 python=3.6 anaconda

wincertstore: 0.2-py36h7fe50ca_0
winpty: 0.4.3-4
wrapt: 1.10.11-py36hfa6e2cd_2
xlrd: 1.1.0-py36_1
xlswriter: 1.1.0-py36_0
xlwings: 0.11.8-py36_0
xlwt: 1.3.0-py36h1a4751e_0
yaml: 0.1.7-hc54c509_2
zeromq: 4.2.5-he025d50_1
zict: 0.1.3-py36_0
zlib: 1.2.11-h8395fce_2
zope: 1.0-py36_1
zope.interface: 4.5.0-py36hfa6e2cd_0

Proceed [y]/n)? y
```

Wait until everything is installed. **This may take a while**. Now run the following line to activate your new python 3.6 environment.

```
conda activate py36
```

```
Anaconda Prompt

<base> C:\Users\gustavoca2>conda activate py36
<py36> C:\Users\gustavoca2>
```

Step 4: Install the wheel file

Run the following line using the full file path of the wheel installer you just downloaded in step 2.

```
pip install <filepath>
```

```
<py36> C:\Users\gustavoca2>pip install C:\Users\gustavoca2\Downloads\blpapi-3.9.1-cp36-cp36m-win_amd64.whl
Processing c:\users\gustavoca2\downloads\blpapi-3.9.1-cp36-cp36m-win_amd64.whl
twisted 18.7.0 requires PyHamcrest>=1.9.0, which is not installed.
Installing collected packages: blpapi
Successfully installed blpapi-3.9.1
```

Step 5: Find the location of python.exe for this new python 3.6 environment


Run the following line on the anaconda prompt

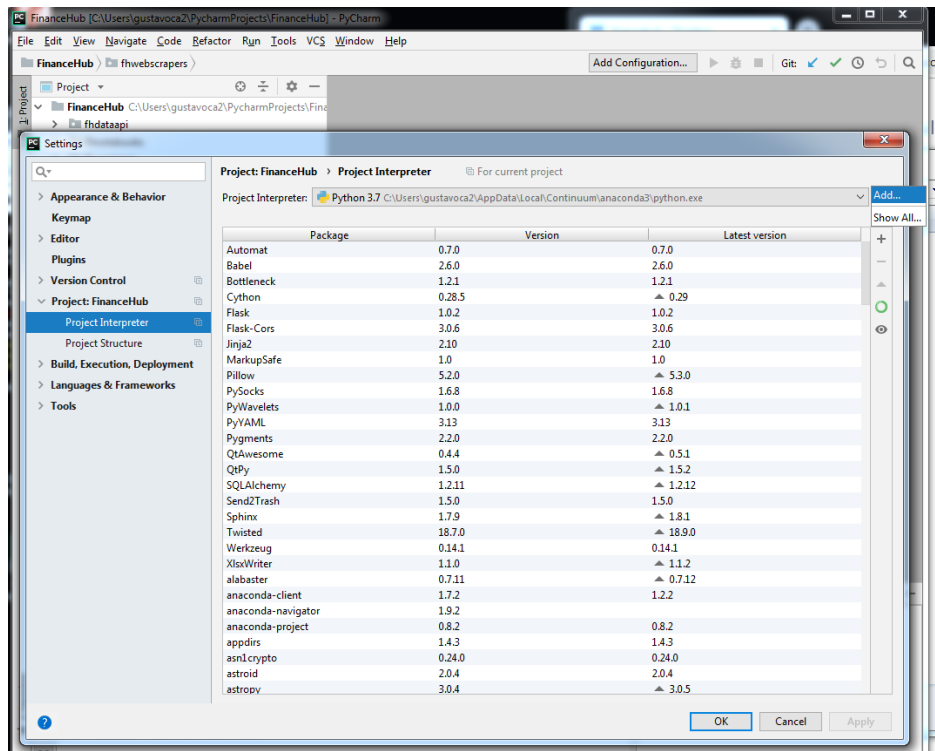
```
where python
```

```
<py36> C:\Users\gustavoca2>where python
C:\Users\gustavoca2\AppData\Local\Continuum\anaconda3\envs\py36\python.exe
C:\Users\gustavoca2\AppData\Local\Continuum\anaconda3\python.exe
```

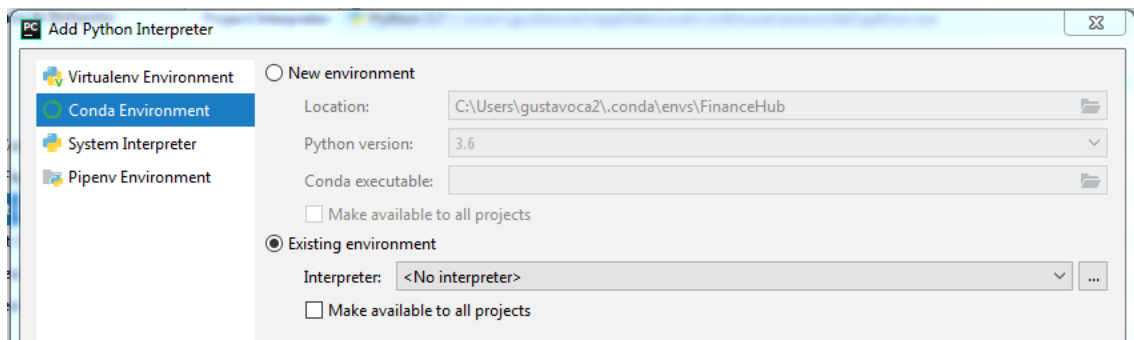
Take note of the address of the *python.exe* file for the *py36* environment, we will use it later.

Step 6: Add the python 3.6 environment to PyCharm

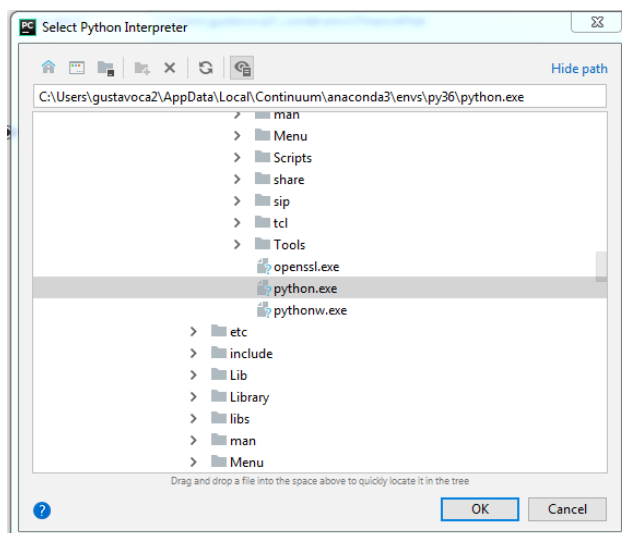
Open your PyCharm project and go to “File” > “Settings”. On the settings window, on the columns on the left, select “Project: [project_name]” > “Project Interpreter”. Click on the “Gear symbol”  and then “Add”, as shown in the picture below.



On the new window select “Conda Environment” on the left, then select the option for “existing environment”



Click on the three dots next to the drop down menu and select the address of the *python.exe* file of the python 3.6 environment. Some of the folders in the file path of step 5 are hidden, so it is better to type the address by hand.



Click Ok and you are done!