**Documenting the Process for Linking Bloomberg with Python from scratch (Python 3.7 (latest) is not supported by Bllomberg)**

**1) Three things to download:**

1) Microsoft Visual C++ Buildtools 2017 version

Link: <https://visualstudio.microsoft.com/downloads/#build-tools-for-visual-studio-2017>

Under **Tools for Visual Studio 2017**, download **Build Tools for Visual Studio 2017**

- Complete the setup

2) Bloomberg Open API C++ SDK

Link: <https://www.bloomberg.com/professional/support/api-library/>

- Under API Windows, download C/C++ Experimental Release (v3.12.2.1 (zip)), copy it in C:

- Extract all files in C:

3) Bloomberg Open API Python

Link: <https://github.com/msitt/blpapi-python>

- Click the tab “Clone or download” – download zip, copy it in C:

- Extract all files in C:

**2) Set Environment Variable Path**

- Go to System Properties – Environment Variables – Go to System Variables, Select variable “Path” – click Edit – add python to Path, Example:

**C:\Users\xx\xx**

**C:\blpapi\_cpp\bin**

Add these two line at the end

**3) Open cmd from Search bar**

- Change directory to C:\Program Files (x86)\Microsoft Visual Studio\2017\BuildTools

- C:\Program Files (x86)\Microsoft Visual Studio\2017\BuildTools>set BLPAPI\_ROOT=C:\blpapi\_cpp

- change directory: C:\Program Files (x86)\Microsoft Visual Studio\2017\BuildTools>cd C:\blpapi-3.9.2

- Run setup: C:\blpapi-3.9.2>python setup.py install

In the Python interpreter, change directory to C:\blpapi\_cpp\bin

- then import blpapi

>>> options = blpapi.SessionOptions()

>>> options.setServerHost('localhost')

>>> options.setServerPort(8194)

>>> session = blpapi.Session(options)

>>> session.start()