

OSA GPIB

Sunday, November 14, 2021 9:26 AM

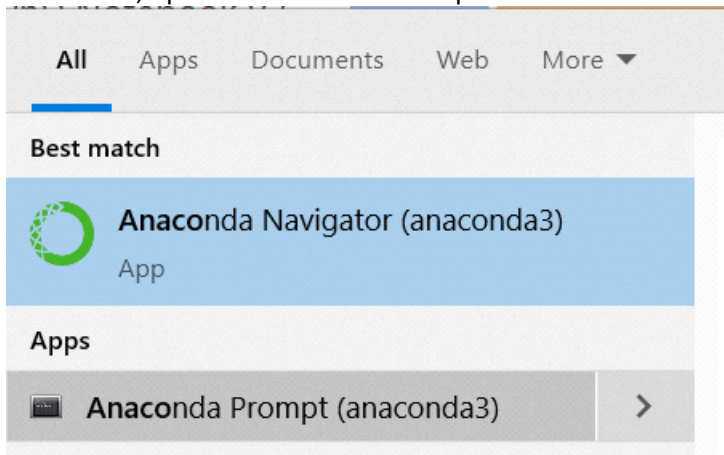
Step 1: Anaconda

Download the python distribution, Anaconda. It installs python and gives you access to useful libraries (numpy, scipy, matplotlib, pandas etc.). I recommend using the editor, "Spyder", to create scripts:
<https://www.anaconda.com/>

Step 2: Pyvisa

This library allows you to send GPIB commands using python.
<https://anaconda.org/conda-forge/pyvisa>

To install it, open the Anaconda Prompt



Then type the following:

To install this package with conda run one of the following:

```
conda install -c conda-forge pyvisa
```

Step 3: GPIB to USB adapter

In the lab, we have a few GPIB to USB adapters:



To use them, your PC needs the correct driver, which can be downloaded here:

<https://www.ni.com/en-ca/support/downloads/drivers/download.ni-488-2.html#305442>

The installation will take a while, so please be patient.