**Zurich Instruments HF2 control with Python**

**Setup**

Install Zurich Instrument’s python drivers

**Connect to device**

>>> import zhinst.ziPython, zhinst.utils

>>> from numpy import \*

>>> daq = zhinst.ziPython.ziDAQServer('localhost', 8005)

>>> device = zhinst.utils.autoDetect(daq)

**Run example ‘example\_scope.py’**

>>> from example\_scope import run\_example

>>> run\_example(device, do\_plot=True)

**Set up measurement**

xxxx

**Poll data**

>>> daq.subscribe('/dev1370/demods/0/sample') ## Subscribe to first demodulator (number 0 in ##Python) and to sampling data

>>> daq.sync() ## Empties buffer for fresh poll()

>>> data = daq.poll(0.1, 200) ## Poll data for 0.1 s and timeout 200 ms