

Keithley 2636B PyCharm Interface setup

Created by J. Beard 20/21

Quick run (if already connected): `run 'main.py'`

To connect to Keithley2636B via TCP/IP make sure IP address on computer is set to 192.168.0.003 (or compatible IP with Keithley device IP) and subnet-mask set to 255.255.255.000.

Set IP on Keithley device 192.168.0.004 (or compatible IP with computer IP) and set subnet-mask to 255.255.255.000.

If device IP different to 192.168.0.004, replace IP in the following line of code:

```
k = Keithley2600('TCPIP0::192.168.0.4::INSTR')
```

This line will be found at:

line 13 in '*controller.py*'

line 3 in '*main.py*'

line 2 in '*model.py*'

line 14 in '*view.py*'

Make sure device is configured to manual IP configuration (`not automatic`).

Install the following fonts to your computer from 'Fonts' file located in Keithley Interface folder:

Montserrat

Roboto

Open Sans

Change Save, Stop, and Run button image directory to Interface folder location:

i.e. in '*view.py*' lines 373, line 577, line 704, line 753,

Change:

file="C:/Users/mini_/Documents//Keithley2636BInterface/Images/Save.png"

file="C:/Users/mini_/Documents//Keithley2636BInterface/Images/STOPRUN1.png"

file="C:/Users/mini_/Documents/Keithley2636BInterface/Images/RUN.png"

file="C:/Users/mini_/PycharmProjects/Keithley2636BInterface/Images/Signature.png"

To:

file="--new file location--/Keithley2636BInterface/Images/Save.png"

file="--new file location--/Keithley2636BInterface/Images/STOPRUN1.png"

file="--new file location--/Keithley2636BInterface/Images/RUN.png"

file="--new file location--/Keithley2636BInterface/Images/Signature.png"

MUST USE / not \ (forward slash not back slash)

Make sure all imports installed to PyCharm *'file: settings: project: python interpreter'*
(as follows):

matplotlib

keithley2600

keithley2600b

future

XlsxWriter

To run program: run 'main.py'