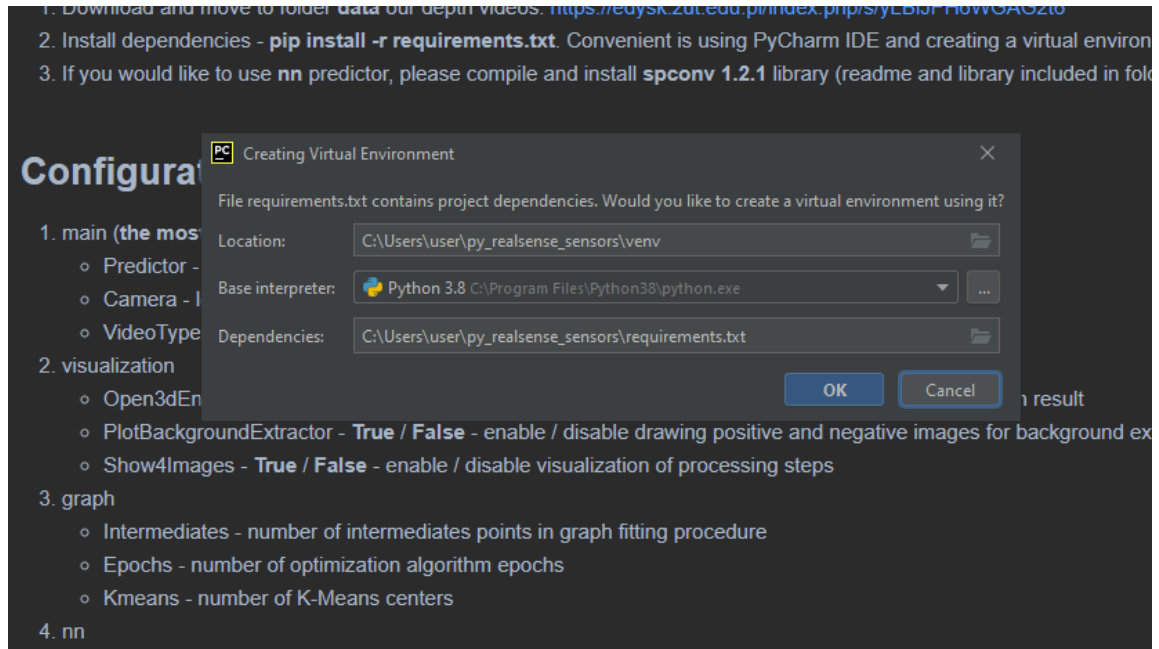
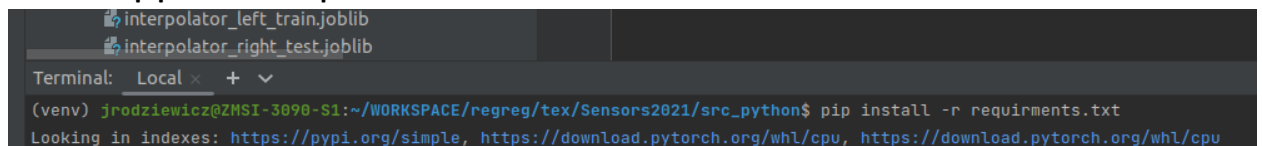


py_realsense_sensors – installation guide

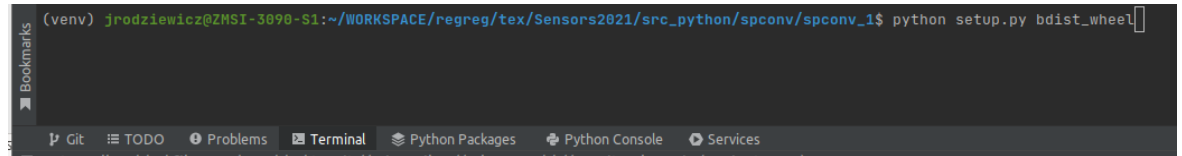
1. Please open the project in the Pycharm environment.
2. Create a Python virtual environment:



3. If you have problems with torch installation, please open Terminal in Pycharm and execute command **pip install -r requirements.txt**

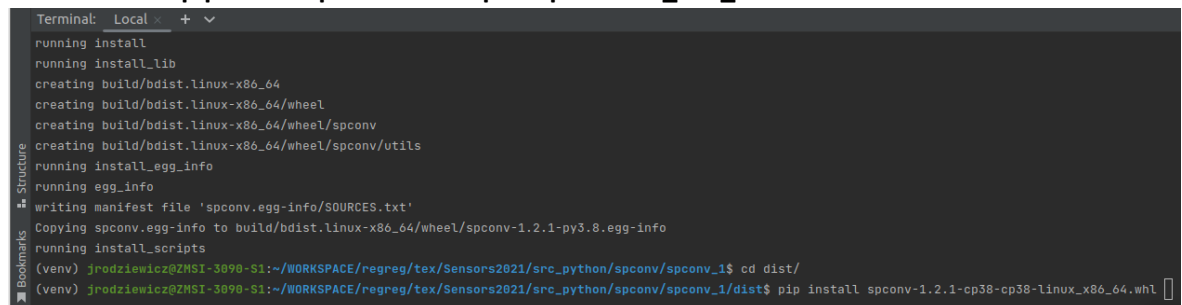


4. If you would like use nn predictor, please install the **spconv** library as follows:
- In Terminal execute command **sudo apt-get install libboost-all-dev**
 - Download **cmake** >= 3.13.2, then add cmake executables to PATH
 - Extract archive **spconv/spconv1.zip**
 - Open in Terminal directory containing extracted archive and run the command **python .\setup.py bdist_wheel**



```
(venv) jrodziwicz@ZMSI-3090-S1:~/WORKSPACE/regreg/tex/Sensors2021/src_python/spconv/spconv_1$ python setup.py bdist_wheel
```

- e. If library compilation is finished, please open the **dist** directory and install the library using the command **pip install spconv-1.2.1-cp38-cp38-linux_x86_64.whl**



```
Terminal: Local x + v
running install
running install_lib
creating build/bdist.linux-x86_64
creating build/bdist.linux-x86_64/wheel
creating build/bdist.linux-x86_64/wheel/spconv
creating build/bdist.linux-x86_64/wheel/spconv/utils
running install_egg_info
running egg_info
writing manifest file 'spconv.egg-info/SOURCES.txt'
Copying spconv.egg-info to build/bdist.linux-x86_64/wheel/spconv-1.2.1-py3.8.egg-info
running install_scripts
(venv) jrodziwicz@ZMSI-3090-S1:~/WORKSPACE/regreg/tex/Sensors2021/src_python/spconv/spconv_1$ cd dist/
(venv) jrodziwicz@ZMSI-3090-S1:~/WORKSPACE/regreg/tex/Sensors2021/src_python/spconv/spconv_1/dist$ pip install spconv-1.2.1-cp38-cp38-linux_x86_64.whl
```