Installing Dependencies for JTAG/SWD Programming

The following dependencies need to be installed on the host PC to flash the application image to Talaria TWO over JTAG/SWD:

1. Python 3.1x
   1. Download and install python v 3.1x from: <https://www.python.org/downloads/>.
   2. Add Python application path and OpenOCD path to the environment variables path in: System Properties->Advance->Environment Variables->Path->Edit->New and click OK.

**Note**: For the download procedure of OpenOCD, refer sections: *Node.js Installation*  to *OpenOCD Installation* of the document: UG\_Eclipse\_Setup\_Windows.pdf (*sdk\_x.y\doc\user\_guides*).

Graphical user interface, text, application

Description automatically generated

Figure 14: Python application path to environment variables path

1. Pyserial, pyelftools

Install pyserial, pyelftools and pyftdi by executing the following command:

|  |
| --- |
| pip3 install pyserial pyelftools pyftdi |