

Requirements for FPGA programming hands on:

This will only be possible with Windows or Linux OS, but only every second participant will need a Computer.

Preferred system is Windows if you have both.

Install Xilinx ISE software:

- before the session, as you will have to download ~6GB and installation will take time!
- Go to the Xilinx ISE Design Suite version 13.4 download page:

[http://www.xilinx.com/support/download/index.html/content/xilinx/en/downloadNav/design-tools/v13\\_4.html](http://www.xilinx.com/support/download/index.html/content/xilinx/en/downloadNav/design-tools/v13_4.html)

- download and install the version for you system
- you will need to register, but it is for free
- after installation (or at the first start of the software) you will be ask to provide a license for this follow the instructions to get a "webpack" license that you will have to generate in on a xilinx internal page as registered user.
- You will receive the license file per email
- in the license manager select the license file
- now if you start ISE you should see an empty programming environemt

Additionally for linux only:

- go to

<http://www.digilentinc.com/Products/Detail.cfm?NavPath=2,66,828&Prod=ADEPT2>

- get and install the Adept Runtime and Utilities for your linux version
- check if the command djtgcfg works.