OpenCL Tutorial Infrastructure

CEPHIS

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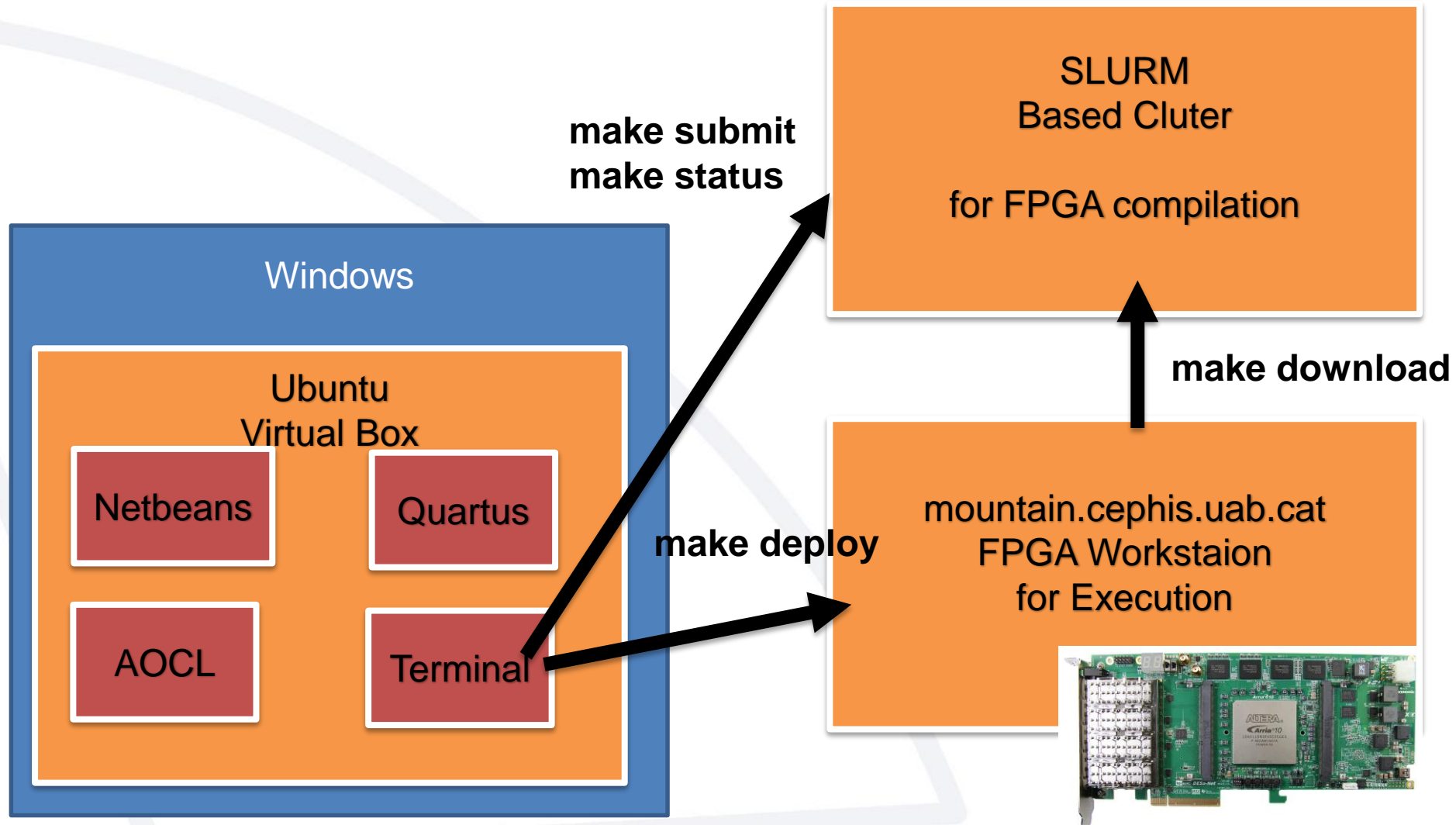
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Centre de Prototips i Solucions Hardware - Software
Center for Hardware – Software Prototypes & Solutions

Tutorial Infrastructure

- Start the OpenCL Tutorial Virtual Machine
  - User: user
  - Password: user

- Download lastest Materials from github
  - cd OpenCLTutorial
  - git checkout
  - git pull

- Update the CAPAP-H user information in .bashrc

Windows

Ubuntu
Virtual Box

Netbeans

Quartus

AOCL

Terminal

make submit
make status

make deploy

SLURM
Based Cluter

for FPGA compilation

make download

mountain.cephis.uab.cat
FPGA Workstaion
for Execution

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CAPAP-H
Barcelona 7/2/2020

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My OpenCL Development toolchain

- open a terminal

- module load intelfpga-opencl-17.1
  - To load the OpenCL environment

- /opt/netbeans/bin/netbeans
  - To run netbeans with the loaded OpenCL environment

- …or work from the command line