Hamburg

Logon to the NAF and setup a CMSSW Environment

German Physics School 2010

Prerequisit Ticklist

- This you must have in the meantime:

  - **Do you own Laptop and a DESY guest account?** ☑
  - **Do you have a NAF account?** ☑
  - **Do you have more than 500MB of free disc space on your NAF account?** ☑
  - **Do you have a valid GRID certificate?** ☑

- If you have answered one of these questions with '**No**' you are in trouble. You should immediately contact one of the organizers of of this school.

Setup Your Environment

Hamburg

- Logon to the NAF:
  - Logon to a desy workgroup server
  - Get a GRID certificate
  - Logon to the NAF

```
ssh desy-cms00x      (x=1...7)
type your DESY login passwd

voms-proxy-init –voms cms -rfc [1)]
type your GRID passphrase

gsissh -Y cms.naf.desy.de
```

[1)] If this does not do the following (depending on your shell):
source /afs/cern.ch/cms/LCG/LCG-2/UI/cms_ui_env.(c)sh

Setup Your Environment

- Setup CMSSW:
  - Move to a directory with more than 500MB of free disc space
  - Initialize CMSSW
  - Setup the local release area
  - Checkout the PatExamples package and compile

```
cd /scratch/
df -h
/dev/sdb1      1T      318G      987G      25%      /myScratch


ini cmssw

cmsrel CMSSW_3_8_4
cd CMSSW_3_8_4/src
cmsenv
kinit `whoami`@CERN.CH
type your CERN login passwd
cvs co -r V00-04-XX PhysicsTools/PatExamples
scram b -j 5
```

- **Congratulations!** This was the most difficult part of the Tutorial...