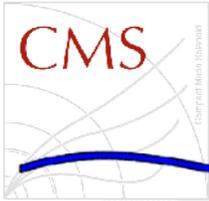


Hamburg

Logon to the NAF and setup a CMSSW Environment

German Physics School 2010



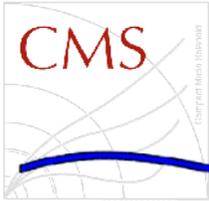
Hamburg

Prerequisite 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.**



Hamburg

Setup Your Environment

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

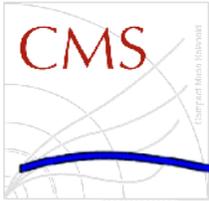
```
ssh desy-cms00x (x=1...7)  
type your DESY login passwd
```

```
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
```



Hamburg

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...