

## Access AFS from your laptop (May 20 2007)

To access the AFS volume at CERN (including the releases) you need to have issued the following command:

```
> klog username@CERN.CH
```

Don't bother with the 'username@CERN.CH' if your username is the same in both places.

You will need a valid kerberos ticket in order to perform certain operations, such as checking code out of the central repository. The following command can be used to set up a ticket:

```
> kinit -4 username@CERN.CH
```

To access AFS and get a valid kerberos ticket in one command, you can do:

```
> klog.krb username@CERN.CH
```

## Use 13.0.10 and nightlies in CERN(June 12 2007)

Very briefly (part of it is pretty standard):

- create a cmthome directory
- copy there the requirements file mentioned in AtlasLogin#The\_Home\_Requirements\_File
- make sure you have a `/${HOME}/mytests` directory, OR edit the `ATLAS_TEST_AREA` line in requirements file to specify your own working directory
- add in your requirements file the following lines (note that these tags can also be specified when typing the `setup.sh` command, but this saves you doing it everytime):
  - ◆ `apply_tag bugfix` means you are using 13.0.X nightlies ,
  - ◆ `apply_tag setup` means that you don't need to type a second `AtlasOfflineRuntime /setup.sh`,
  - ◆ `apply_tag setupCMT` means it will always pick the right version of CMT for a given release:
  - ◆ `apply_tag oneTest` means that your working directory will be used directly, not with a different subdirectory depending of release being used:
  - ◆ `apply_tag 32 slc4` is now the default (slc3 nightlies build will be discontinued shortly). You have to specify "32" has a tag when setting up the requirements file in order to use 32 bit build instead of 64 bit build:
- set up to use a recent version of CMT ( `v1r20p20070208` is mandatory for 12.X.0 )

```
source /afs/cern.ch/sw/contrib/CMT/v1r20p20070208/mgr/setup.sh
cmt config
```

All the above need to be done only once

The following two commands should be done in any new window (replace `atlrel_4` by the relevant nightly or release number) (32 is needed if there is no corresponding `apply_tag 32` in your requirements file, I will omit it in the following)

```
> kinit -4 username@CERN.CH [Note CERN.CH in uppercase]
> klog username [If you want to access your AFS files as well]
```

```
source ~/cmthome/setup.sh -tag=atlrel_1,bugfix,setup (For nightlies)
source ~/cmthome/setup.sh -tag=13.0.10 (For 13.0.10)
```

## Update in CVS repository (July 11 2007)

Some CVS Commands:

```
cv diff
```

```
cv -n update
```

```
cv diff Changelog
```

```
cv commit -m "Add warning regarding potential crash due to exit statement in trigger code" Changelog  
src/VP1TriggerDecisionSystem.cxx cmt show version  
cv tag VP1TriggerDecisionSystems -00-00-01
```

## Update at CERN (July 14 2007)

Under Offline-12.0.6

```
source setup.sh -tag=12.0.6,setup  
cd AtlasOffline -12.0.6/  
source /afs/cern.ch/project/gd/LCG-share/current/etc/profile.d/grid_env.sh
```

```
source /afs/cern.ch/atlas/offline/external/GRID/ddm/endusers/setup.[c,z].sh.CERN
```

```
voms-proxy-init -voms atlas  
dq2_ls 5200
```

-- WeiyiZhang - 20 May 2007

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This topic: Sandbox > Others

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