These are the instructions for using cmthome on the linux8 cluster. This has been super-seeded by the use of AtlasSetup, see ManAthenaInstallationsSLC5.

First time Use

For the first time use, follow the instructions in WorkBookSetAccount to set up CMT. Note you need to do this even if you already did the steps on the lxplus cluster at cern. For the requirements file you need the one that points to the manchester installations & there is an example one at:

```
/nfs/software/AtlasReleases/SLC5Inst/examplerequirements/requirements
```

Once you have done the basic setups for cmt log out, log back in and then go to the section on Release use.

Release Use

Release use is similar to cern. Remember you can pick up the example requirements file from:

```
/nfs/software/AtlasReleases/SLC5Inst/examplerequirements/requirements
```

To to set up a release (e.g. 15.6.3) you do:

```
source ~/cmthome/setup.sh -tag=15.6.3
```

Then you can go to your test area:

```
cd $TestArea
```

and checkout packages & run athena as usual. If you have trouble checking out packages, see the note on cern cvs access from linux8 here.

Note if you want to use the production caches (4 digit releases), you should do the following (e.g. for 15.6.3.6):

```
source ~/cmthome/setup.sh -tag=15.6.3.6,AtlasProduction
```

A similar command is needed for the 'physics' caches (e.g. TopPhys):

```
source ~/cmthome/setup.sh -tag=15.6.3.9.1,TopPhys
```

SLC4 / SLC5 Builds

Since 15.6.3 the releases are built for SLC5 & gcc43 (SLC5 is the operating system we now have on the linux8 nodes). gcc43 will be setup when you setup a release > 15.6.3. The older releases (built for SLC4 & gcc34) can still be used on SLC5, you just need to add "slc4" to the setup command, e.g.:

```
source ~/cmthome/setup.sh -tag=15.6.1,slc4
```

The old release area, containing only slc4 builds is still available & the old instructions are here.

-- MarkOwen - 13-Aug-2010

This topic: AtlasSandbox > ManAthenaCMTHome
Topic revision: r1 - 2010-08-13 - MarkOwen