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Manchester Athena Installations

Below are instructions & information for using the Atlas release installations at Manchester. Please look at the first time use section first!

Release location

All the releases are located in:

```
/nfs/software/AtlasReleases/SLC5Inst/  
/nfs/software/AtlasReleases/SLC5_64b/
```

Which should be accessible from all the linux8 nodes.

First time Use

The recommended method of setting up releases is now to use AtlasSetup. To use this make a test area where you will do your work, e.g.:

```
mkdir $HOME/LocalTestArea
```

Then make a .asetup file in your home directory, e.g.

```
emacs ~/.asetup
```

and put in it the following two lines pointing to your testarea that you just created:

```
[defaults]  
testarea = /afs/hep.man.ac.uk/u/username/LocalTestArea/
```

where username is your manchester username. You are now ready to set up a release.

If your cern username is different from your manchester one then you should add this line to ~/.asetup:

```
svnroot = svn+ssh://cernusername@svn.cern.ch/repos/atlasoff
```

The instructions for using the old cmthome method are available at [ManAthenaCMTHome](#).

Release Use

Release use is similar to cern. To set up a release (e.g. 15.6.9) you do:

```
asetup 15.6.9
```

The AtlasProduction caches, e.g. 15.6.9.13 can be setup like:

```
asetup 15.6.9.13
```

and other caches, e.g. TopPhys like:

```
asetup TopPhys,15.6.11.3.1
```

For details of the options you can use with asetup, please see AtlasSetup.

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Note that for releases earlier than 17.1.4 you will get the 32 bit version, while for 17.1.4 and later you will get the 64 bit version. The older releases will produce the following warning that is harmless and just let's you know you have the 32 bit version of the release:

```
AtlasSetup(WARNING): No release with requested CMTCONFIG (x86_64-slc5-gcc43-opt)
  Setting up release with closest available match (i686-slc5-gcc43-opt)
```

The warning can be avoided by doing:

```
asetup 17.0.5.6.1,AtlasPhysics --cmtconfig=i686-slc5-gcc43-opt
```

AtlasSetup is configured to use a different testarea for each release (subdirectories of the testarea you choose above), so the first time you setup a given release you need to make a new directory:

```
mkdir $TestArea
```

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](#).

Installed releases

The following releases are currently available:

Releases	Production caches	TopPhys / AtlasPhysics caches
17.2.1	17.2.1.3	
17.2.0	17.2.0.3	
17.1.4	17.1.4.3, 17.1.4.4	
17.0.5	17.0.5.5, 17.0.5.6	17.0.5.5.2, 17.0.5.6.1
17.0.4	17.0.4.1, 17.0.4.2	17.0.4.1.1, 17.0.4.2.1
17.0.3	17.0.3.3	17.0.3.3.1
16.6.8	16.6.8.3	
16.6.4	16.6.4.2	
16.6.3	16.6.3.5, 16.6.3.7	16.6.3.5.1
16.6.2	16.6.2.5	
16.2.0		
16.0.3	16.0.3.3, 16.0.3.8	16.0.3.3.1, 16.0.3.3.3, 16.0.3.8.2
16.0.2	16.0.2.3	
16.0.0		
15.9.0		
15.8.0	15.8.0.2	
15.6.13	15.6.13.3	15.6.13.3.1, 15.6.13.3.2
15.6.12	15.6.12.1, 15.6.12.3	15.6.12.3.1
15.6.11	15.6.11.3	15.6.11.3.1
15.6.10	15.6.10.4, 15.6.10.6, 15.6.10.7	15.6.10.4.2
15.6.9	15.6.9.8, 15.6.9.13	
15.6.8	15.6.8.2, 15.6.8.4, 15.6.8.6, 15.6.8.8	15.6.8.2.1
15.6.7	15.6.7.8	
15.6.6	15.6.6.2, 15.6.6.6	
15.6.5		

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15.6.4		
15.6.3	15.6.3.6, 15.6.3.9, 15.6.3.11	15.6.3.6.1, 15.6.3.9.1, 15.6.3.11.1
15.6.1		
15.3.1		

-- MarkOwen - 10-Apr-2012

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