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# Procedure to test an Atlas Tag

The goal is to test the Atlas software including a new CVS package tag being added to the repository. In our case lets suppose that we are interested

to test **AtlasProduction,15.1.X.Y-VAL,rel\_4** with a new CVS package called **PixelConditionsServices-00-22-12-01**

1. Create a testarea for the software as defined in the \$HOME/cmthome/requirements. For example, using rel\_4 would be:

```
mkdir -p $HOME/testarea/rel_4
```

2. Setup the AtlasLogin package:

```
source $HOME/cmthome/setup.sh -tag=AtlasProduction,15.1.X.Y-VAL,32,rel_4,runtime
```

3. Download the tag

```
# export SVNROOT='svn+ssh://svn.cern.ch/repos/atlasoff'  
# unset CVSROOT  
# source /afs/cern.ch/sw/contrib/CMT/v1r20p20090520/mgr/setup.sh  
# cd $HOME/testarea/rel_4  
# cmt co -r PixelConditionsServices-00-22-12-01  
/InnerDetector/InDetConditions/PixelConditionsServices
```

4. Go to the cmt directory of the package

```
# pwd  
$HOME/testarea/rel_4/InnerDetector/InDetConditions/PixelConditionsServices/cmt  
# cmt make >& make.log &  
# tail -f make.log
```

5. Source the setup of the package of the cmt directory

```
# pwd  
$HOME/testarea/rel_4/InnerDetector/InDetConditions/PixelConditionsServices/cmt  
# source setup.sh
```

6. We are ready to run any transform.

-- AndresPacheco - 04 Jun 2009

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