

wcslib

- 4.25.1-gl1
 - RHEL7-64
 - RHEL6-64
- 4.25.1
 - RHEL5-32
 - RHEL5-64
 - RHEL6-64

Their webpage is here: <http://www.atnf.csiro.au/people/mcalabre/WCS/>

4.25.1-gl1

Rebuild against cfitsio v3370

RHEL7-64

```
./configure --prefix=/afs/slac/g/glast/ground/GLAST_EXT/redhat7-x86_64-64bit-gcc48/wcslib/4.25.1-gl1 --without-pgplot --with-cfitsiolib=/afs/slac/g/glast/ground/GLAST_EXT/redhat7-x86_64-64bit-gcc48/cfitsio/v3370/lib --with-cfitsioinc=/afs/slac/g/glast/ground/GLAST_EXT/redhat7-x86_64-64bit-gcc48/cfitsio/v3370/include --disable-fortran
```

RHEL6-64

```
./configure --prefix=/afs/slac/g/glast/ground/GLAST_EXT/redhat6-x86_64-64bit-gcc44/wcslib/4.25.1-gl1 --without-pgplot --with-cfitsiolib=/afs/slac/g/glast/ground/GLAST_EXT/redhat6-x86_64-64bit-gcc44/cfitsio/v3370/lib --with-cfitsioinc=/afs/slac/g/glast/ground/GLAST_EXT/redhat6-x86_64-64bit-gcc44/cfitsio/v3370/include --disable-fortran
```

4.25.1

RHEL5-32

- cd /afs/slac/g/glast/ground/GLAST_EXT/redhat5-i686-32bit-gcc41/wcslib/
- Obtained the source code from:
curl -O <ftp://ftp.atnf.csiro.au/pub/software/wcslib/wcslib.tar.bz2>
- tar xvjf wcslib.tar.bz2
- Save the source file for posterity
cp wcslib.tar.bz2 \$GLAST_EXT/./srcExtLibs/
- mkdir 4.25.1
- Build the source
 1. ./configure --prefix=/afs/slac/g/glast/ground/GLAST_EXT/redhat5-i686-32bit-gcc41/wcslib/4.25.1 --without-pgplot --with-cfitsiolib=/afs/slac/g/glast/ground/GLAST_EXT/redhat5-i686-32bit-gcc41/cfitsio/v3290-gl1/lib --with-cfitsioinc=/afs/slac/g/glast/ground/GLAST_EXT/redhat5-i686-32bit-gcc41/cfitsio/v3290-gl1/include --disable-fortran
 2. make
 3. make install
- *** Need to check that symbolic links to various names of shared libraries are copied over properly in the distributed tarballs

RHEL5-64

- cd /afs/slac/g/glast/ground/GLAST_EXT/redhat5-x86_64-64bit-gcc41/wcslib/
- Obtained the source code from:
curl -O <ftp://ftp.atnf.csiro.au/pub/software/wcslib/wcslib.tar.bz2>
- tar xvjf wcslib.tar.bz2
- Build the source
 1. cd wcslib-4.25.1
 2. ./configure --prefix=/afs/slac/g/glast/ground/GLAST_EXT/redhat5-x86_64-64bit-gcc41/wcslib/4.25.1 --without-pgplot --with-cfitsiolib=/afs/slac/g/glast/ground/GLAST_EXT/redhat5-x86_64-64bit-gcc41/cfitsio/v3290-gl1/lib --with-cfitsioinc=/afs/slac/g/glast/ground/GLAST_EXT/redhat5-x86_64-64bit-gcc41/cfitsio/v3290-gl1/include --disable-fortran
 3. make
 4. make install
- cd .. ; rm wcslib.tar.bz2 (the source code was already archived by Heather when she did RHEL5-32)
- *** Permissions are not quite right. I (echarles) am not a member of the gl group

RHEL6-64

- cd /afs/slac/g/glast/ground/GLAST_EXT/redhat6-x86_64-64bit-gcc44/wcslib/
- Obtained the source code from:
curl -O <ftp://ftp.atnf.csiro.au/pub/software/wcslib/wcslib.tar.bz2>
- tar xvjf wcslib.tar.bz2
- mkdir 4.25.1
- Build the source

1. cd wcslib-4.25.1
 2. ./configure --prefix=/afs/slac/g/glast/ground/GLAST_EXT/redhat6-x86_64-64bit-gcc44/wcslib/4.25.1 --without-pgplot --with-cfitsioinc=/afs/slac/g/glast/ground/GLAST_EXT/redhat6-x86_64-64bit-gcc44/cfitsio/v3290-gl1/lib --with-cfitsiolib=/afs/slac/g/glast/ground/GLAST_EXT/redhat6-x86_64-64bit-gcc44/cfitsio/v3290-gl1/include --disable-fortran
 3. make
 4. make install
- cd .. ; \rm wcslib.tar.bz2 (the source code was already archived by Heather when she did RHEL5-32)
 - ***Permissions are not quite right. I (echarles) am not a member of the gl group.