

# 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-cfitsioinc=/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.