

## ctools - Bug #1606

### ctools make check fails

12/18/2015 12:42 PM - Kelley-Hoskins Nathan

<b>Status:</b>	In Progress	<b>Start date:</b>	12/18/2015
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>		<b>% Done:</b>	10%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
Latest version of ctools has some kind of make check problem with a missing file used in the test. Someone forgot to add it?			
\$ git pull Already up-to-date.			
\$ make check Making check in src make[1]: Entering directory `/afs/ihf.de/group/cta/scratch/nkelhos/ctools/ctools-git/src' Making check in support make[2]: Entering directory `/afs/ihf.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/support' make[2]: Nothing to be done for `check'. make[2]: Leaving directory `/afs/ihf.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/support' Making check in ctbin make[2]: Entering directory `/afs/ihf.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctbin' make[2]: Nothing to be done for `check'. make[2]: Leaving directory `/afs/ihf.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctbin' Making check in ctlike make[2]: Entering directory `/afs/ihf.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctlike' make[2]: Nothing to be done for `check'. make[2]: Leaving directory `/afs/ihf.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctlike' Making check in ctmodel make[2]: Entering directory `/afs/ihf.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctmodel' make[2]: Nothing to be done for `check'. make[2]: Leaving directory `/afs/ihf.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctmodel' Making check in ctobssim make[2]: Entering directory `/afs/ihf.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctobssim' make[2]: Nothing to be done for `check'. make[2]: Leaving directory `/afs/ihf.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctobssim' Making check in ctselect make[2]: Entering directory `/afs/ihf.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctselect' make[2]: Nothing to be done for `check'. make[2]: Leaving directory `/afs/ihf.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctselect' Making check in ctskymap make[2]: Entering directory `/afs/ihf.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctskymap' make[2]: Nothing to be done for `check'. make[2]: Leaving directory `/afs/ihf.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctskymap' Making check in ctexpcube make[2]: Entering directory `/afs/ihf.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctexpcube' make[2]: Nothing to be done for `check'. make[2]: Leaving directory `/afs/ihf.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctexpcube' Making check in ctpsfcube make[2]: Entering directory `/afs/ihf.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctpsfcube' make[2]: Nothing to be done for `check'. make[2]: Leaving directory `/afs/ihf.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctpsfcube' Making check in ctbkcube make[2]: Entering directory `/afs/ihf.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctbkcube' make[2]: Nothing to be done for `check'. make[2]: Leaving directory `/afs/ihf.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctbkcube' Making check in ctubemask make[2]: Entering directory `/afs/ihf.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctubemask' make[2]: Nothing to be done for `check'. make[2]: Leaving directory `/afs/ihf.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctubemask'			

```

Making check in cttsmap
make[2]: Entering directory `/afs/afh.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/cttsmap'
make[2]: Nothing to be done for `check'.
make[2]: Leaving directory `/afs/afh.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/cttsmap'
Making check in ctbutterfly
make[2]: Entering directory `/afs/afh.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctbutterfly'
make[2]: Nothing to be done for `check'.
make[2]: Leaving directory `/afs/afh.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctbutterfly'
Making check in ctulimit
make[2]: Entering directory `/afs/afh.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctulimit'
make[2]: Nothing to be done for `check'.
make[2]: Leaving directory `/afs/afh.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/ctulimit'
Making check in cterror
make[2]: Entering directory `/afs/afh.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/cterror'
make[2]: Nothing to be done for `check'.
make[2]: Leaving directory `/afs/afh.de/group/cta/scratch/nkelhos/ctools/ctools-git/src/cterror'
make[2]: Entering directory `/afs/afh.de/group/cta/scratch/nkelhos/ctools/ctools-git/src'
make[2]: Nothing to be done for `check-am'.
make[2]: Leaving directory `/afs/afh.de/group/cta/scratch/nkelhos/ctools/ctools-git/src'
make[1]: Leaving directory `/afs/afh.de/group/cta/scratch/nkelhos/ctools/ctools-git/src'
Making check in pyext
make[1]: Entering directory `/afs/afh.de/group/cta/scratch/nkelhos/ctools/ctools-git/pyext'
make check-am
make[2]: Entering directory `/afs/afh.de/group/cta/scratch/nkelhos/ctools/ctools-git/pyext'
make[2]: Nothing to be done for `check-am'.
make[2]: Leaving directory `/afs/afh.de/group/cta/scratch/nkelhos/ctools/ctools-git/pyext'
make[1]: Leaving directory `/afs/afh.de/group/cta/scratch/nkelhos/ctools/ctools-git/pyext'
Making check in test
make[1]: Entering directory `/afs/afh.de/group/cta/scratch/nkelhos/ctools/ctools-git/test'
make check-TESTS
make[2]: Entering directory `/afs/afh.de/group/cta/scratch/nkelhos/ctools/ctools-git/test'
*****
* Test ctools *
*****
Test ctobssim: .. ok
Test ctskymap: .. ok
Test ctbin: .... ok
Test ctexpcube: .... ok
Test ctpsfcube: .... ok
Test ctbkgcube: ..... ok
Test ctmodel: ..... ok
Test ctselect: .. ok
Test ctlike: ..... ok
Test cttsmap: .. ok
Test ctubemask: .. ok
Test ctbutterfly: .. ok
Test ctulimit: .. ok
Test cterror: .. ok
PASS: test_ctools.sh

*****
* Test cscripts *
*****
Test csobsdef: .. ok
Test csobs2caldb: Parfile "csobs2caldb.par" not found. Create default parfile.
Traceback (most recent call last):
  File "/afs/afh.de/user/n/nkelhos/scratch/ctools/ctools-git/cscripts/csobs2caldb.py", line 393, in <module>
    app.execute()
  File "/afs/afh.de/user/n/nkelhos/scratch/ctools/ctools-git/cscripts/csobs2caldb.py", line 370, in execute
    self.run()
  File "/afs/afh.de/user/n/nkelhos/scratch/ctools/ctools-git/cscripts/csobs2caldb.py", line 349, in run
    self.irf_fits = self.make_irf_file()
  File "/afs/afh.de/user/n/nkelhos/scratch/ctools/ctools-git/cscripts/csobs2caldb.py", line 155, in make_irf_file
    fits_aeff = gammalib.GFits(fname_aeff.filename())
  File "/afs/afh.de/user/n/nkelhos/scratch/gammalib/gammalib-git/lib/python3.5/site-packages/gammalib/fits.py", line 220, in __init__
    this = _fits.new_GFits(*args)
RuntimeError: *** ERROR in GFits::open(std::string&): Unable to open FITS file "" (status=104)

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./afs/afh.de/user/n/nkelhos/scratch/ctools/ctools-git/test/caldb/data/cta/cta/bcf/test_irfs/irf_file.fits file is not valid
FAIL: test_cscripts.sh
```

```
*****
```

```
* ctools unit testing *
```

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*****
```

```
Test ctobssim functionality: ..... ok
Test ctobssim on observation container: .... ok
Test ctselect functionality: ... ok
Test ctbin functionality: ... ok
Test ctlike functionality: ... ok
Test cttsmap functionality: ... ok
Test ctmodel functionality: ... ok
Test ctskymap functionality: ... ok
Test ctexpcube functionality: ... ok
Test ctpsfcube functionality: ... ok
Test ctbkgcube functionality: ... ok
Test ctcbemask functionality: ... ok
Test ctbutterfly functionality: ... ok
Test ctulimit functionality: ... ok
Test cterror functionality: ... ok
Test unbinned pipeline with FITS file saving: .... ok
Test unbinned in-memory pipeline: .... ok
PASS: test_python.py
```

```
=====
1 of 3 tests failed
```

```
Please report to jurgen.knödlseder@irap.omp.eu
```

```
=====
make[2]: *** [check-TESTS] Error 1
make[2]: Leaving directory `/afs/afh.de/group/cta/scratch/nkelhos/ctools/ctools-git/test'
make[1]: *** [check-am] Error 2
make[1]: Leaving directory `/afs/afh.de/group/cta/scratch/nkelhos/ctools/ctools-git/test'
make: *** [check-recursive] Error 1
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$ ls -l /afs/afh.de/user/n/nkelhos/scratch/ctools/ctools-git/test/caldb/data/cta/cta/bcf/test_irfs/irf_file.fits
ls: cannot access /afs/afh.de/user/n/nkelhos/scratch/ctools/ctools-git/test/caldb/data/cta/cta/bcf/test_irfs/irf_file.fits: No such file or
directory
```

## History

### #1 - 12/19/2015 01:02 AM - Knödlseder Jürgen

Can you try again the code in the devel branch? Maybe you caught some code in an intermediate state. From my side there should be no problem now.

### #2 - 12/19/2015 01:02 AM - Knödlseder Jürgen

- Status changed from New to In Progress

- % Done changed from 0 to 10