

GammaLib - Bug #4197

GammaLib unit test failure on Jenkins

01/12/2023 02:34 PM - Knödseder Jürgen

Status:	Closed	Start date:	01/12/2023
Priority:	Normal	Due date:	
Assigned To:	Knödseder Jürgen	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	2.1.0		
Description			
The current development branch has a unit test failure on the new mac OS 10.11 VM:			
PASS: test_GSupport			
PASS: test_GVector			
PASS: test_GMatrix			
PASS: test_GMatrixSparse			
PASS: test_GMatrixSymmetric			
PASS: test_GNumerics			
PASS: test_GFits			
PASS: test_GXml			
PASS: test_GVO			
PASS: test_GXspec			
PASS: test_GApplication			
PASS: test_GModel			
PASS: test_GSky			
PASS: test_GOptimizer			
PASS: test_GObservation			
PASS: ../inst/mwl/test/test_MWL			
PASS: ../inst/cta/test/test_CTA			
PASS: ../inst/lat/test/test_LAT			
FAIL: ../inst/com/test/test_COM			
PASS: ../inst/spi/test/test_SPI			
PASS: test_python.sh			
PASS: test_examples.sh			
=====			
Testsuite summary for gammalib 2.1.0.dev			
=====			
# TOTAL: 22			
# PASS: 21			
# SKIP: 0			
# XFAIL: 0			
# FAIL: 1			
# XPASS: 0			
# ERROR: 0			
=====			
See test/test-suite.log			
Please report to jurgen.knodseder@irap.omp.eu			
=====			
While there is no failure on my Mac, these failures occur on all VMs. Here for example the output of centos6:			
GCOMObservation: Test binned optimizer using response cache: E NOK			

History

#1 - 01/12/2023 03:24 PM - Knödlseider Jürgen

- % Done changed from 0 to 10

It turns out that the failure occurs during make distcheck.

#2 - 01/12/2023 04:40 PM - Knödlseider Jürgen

- % Done changed from 10 to 50

The following error message occurred in the test report

```
<error message="**** ERROR in GFits::open(GFilename&amp;, bool&amp;): could not open the named file (status=104). Error occured when opening
FITS file &quot;../../../../inst/com/test/data/../../../../inst/com/test/data/m50439_dre.fits&quot;," type="N10GException10fits_errorE" />
```

There are indeed ../../inst/com/test/data/ file name prefixes in obs_cache.xml that are not in obs.xml and that seem to pose problems.

#3 - 01/12/2023 04:55 PM - Knödlseider Jürgen

- Status changed from New to Feedback

- Target version set to 2.1.0

- % Done changed from 50 to 100

On my Mac this fixes the problem/

#4 - 01/19/2023 07:36 PM - Knödlseider Jürgen

- Status changed from Feedback to Closed

The modification was merged into devel.