

## GammaLib - Bug #1383

### Make check fails on CentOS 7 system

12/11/2014 05:58 PM - Knödseder Jürgen

<b>Status:</b>	Closed	<b>Start date:</b>	12/11/2014
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>	Knödseder Jürgen	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.0.0		
<b>Description</b>			
<p>Valentina Fioretti &lt;<a href="mailto:fioretti@iasfbo.inaf.it">fioretti@iasfbo.inaf.it</a>&gt; reported a problem in the unit tests when installing GammaLib on CentOS 7. Attached the check log and the test report. I could reproduce the problem on a new CentOS 7 VM. Here the relevant part:</p> <p>Test CTA effective area classes: ..... ok Test CTA PSF classes: ..... ok Test CTA energy dispersion classes: .....FF. NOK Test CTA response classes: .. ok Test CTA ON/OFF analysis: . ok</p> <p>The problem occurred with the latest gammalib-00-09-00 release.</p>			

#### History

##### #1 - 12/11/2014 06:00 PM - Knödseder Jürgen

- Status changed from New to In Progress
- Assigned To set to Knödseder Jürgen
- % Done changed from 0 to 10

Problem reproduced on new CentOS VM.

##### #2 - 12/11/2014 09:31 PM - Knödseder Jürgen

- Status changed from In Progress to Closed
- Target version set to 1.0.0
- % Done changed from 10 to 100

The problem has been identified. It was due to storing the reference to a temporary variable which does not guarantee the validity of the variable value. This apparently only created a problem in CentOS 7, probably due to the specific compiler version that comes with that distribution.

Now a local copy of the temporary variable is made, so that it becomes non-temporary. The reference to this non-temporary variable is then stored.

#### Files

check.log	34 KB	12/11/2014	Knödseder Jürgen
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