

GammaLib - Feature #517

Check GammaLib for C++ slicing

09/21/2012 03:40 AM - Knödseder Jürgen

Status:	Closed	Start date:	09/21/2012
Priority:	High	Due date:	
Assigned To:	Knödseder Jürgen	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	00-08-00		

Description

The phenomenon of C++ slicing only occurred to me now (see Bug #516). It happened in the GModel access operator of the GModels class, which was finally resolved by using pointers.

The GammaLib interface should be screened for analogous problems. In particular the container classes may be subject to C++ slicing.

History

#1 - 09/22/2012 12:44 AM - Knödseder Jürgen

- Subject changed from *Check GammaLib for C++ splitting* to *Check GammaLib for C++ slicing*
- Description updated

#2 - 12/04/2012 11:05 PM - Knödseder Jürgen

- Target version deleted (00-07-00)

#3 - 12/21/2012 12:43 AM - Knödseder Jürgen

- Target version set to 00-08-00

#4 - 02/21/2013 09:26 PM - Knödseder Jürgen

- Status changed from *New* to *In Progress*
- % Done changed from 0 to 10

A review of the code slicing has been started in view of the global code review (see #692).

Code slicing should primary occur in container classes, and I started to correct the GModels and GObservations classes for code slicing.

#5 - 12/10/2013 12:20 AM - Knödseder Jürgen

- Status changed from *In Progress* to *Closed*
- Assigned To set to *Knödseder Jürgen*
- % Done changed from 10 to 100

As the code review is now finished I hope that I also caught all code slicing problems.