

GammaLib - Change request #1289

Reduce extensive usage of dynamic_cast.

07/22/2014 12:48 AM - Knödseder Jürgen

Status:	In Progress	Start date:	07/22/2014
Priority:	High	Due date:	
Assigned To:	Knödseder Jürgen	% Done:	10%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
There is a quite extensive usage of dynamic_cast in GammaLib which somewhat slows down executing time. There are ample examples in the response classes, for example GResponse::irf to percolate down to diffuse source models. Here, adding an enumeration that identifies the model type would allow for a much faster switch statement.			

History

#1 - 07/23/2014 08:58 AM - Knödseder Jürgen

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

This has already started and some class codes have been introduced.