

GammaLib - Change request #1269

Re-organise CTA class names

07/11/2014 03:25 PM - Knödlseider Jürgen

Status:	Closed	Start date:	07/11/2014
Priority:	Normal	Due date:	
Assigned To:	Knödlseider Jürgen	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	1.0.0		
Description			
<p>The number of CTA specific classes now becomes pretty large, and we start getting confusion with naming conventions. It thus seem appropriate to re-organise the CTA classes naming conventions before we go to release 1.0.0.</p> <p>Here a proposal of how to re-organise names:</p> <ul style="list-style-type: none">• The response is factorized into Aeff, Psf, Edisp and Background. To make clear that the related classes are part of the Instrument Response Function I'd propose to prepend lrf, e.g. GCTAlrfAeff, GCTAlrfAeff2D, GCTAlrfAeffArf, ..., GCTAlrfPsf, ..., GCTAlrfEdisp, ..., GCTAlrfBackground.• All CTA specific models start with GCTAModel (already implemented@)• All cube-style specific classes start with GCTACube, e.g. GCTACubeExposure, GCTACubePsf, GCTACubeBackground; the only exception would be GCTAEventCube that derives from GEventCube			

History

#1 - 07/11/2014 03:25 PM - Knödlseider Jürgen

- Target version set to 1.0.0

#2 - 02/02/2015 09:25 PM - Knödlseider Jürgen

- Assigned To set to Knödlseider Jürgen

- % Done changed from 0 to 50

I did the following changes to class names:

- GCTAExposure => GCTACubeExposure
- GCTAMeanPsf => GCTACubePsf
- GCTASourceCube => GCTACubeSource
- GCTASourceCubeDiffuse => GCTACubeSourceDiffuse
- GCTASourceCubePointSource => GCTACubeSourcePoint

I did not rename the other IRF classes to GCTAlrf... as this creates very bulky class names for little gain. Hence only cube analysis classes will get special GCTACube... names to distinguish classes for this analysis type from the other classes.

#3 - 02/02/2015 11:19 PM - Knödlseider Jürgen

- Status changed from New to Closed

- % Done changed from 50 to 100

Adapt also ctools code and merge changes into devel.