

GammaLib - Bug #3179

Complete pickling of GModelSpatialDiffuseCube class

03/06/2020 02:42 PM - Knödlseider Jürgen

Status:	Closed	Start date:	03/06/2020
Priority:	Normal	Due date:	
Assigned To:	Knödlseider Jürgen	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	1.7.0		
Description The information set by the method <code>set_mc_cone()</code> is currently lost when the class is pickled. Methods should be added to recover the information used by <code>set_mc_cone()</code> so that the method can be invoked upon unpickling.			

History

#1 - 06/24/2020 06:07 PM - Knödlseider Jürgen

- Status changed from New to In Progress
- % Done changed from 0 to 90

I renamed the `set_mc_cone()` methods in `GModelSpatialDiffuseCube` and `GModelSpatialDiffuseMap` to `mc_cone()` and introduced getter methods. The methods now handle `GSkyRegionCircle` objects, which are used in the pickling to transfer the information.

While doing these changes I also restructured the `GModelSpatial` class, with the `type()` and `region()` methods being implemented at the base class level so that code duplication is avoided.

I also adapted the `ctools` code to the new interface definition.

#2 - 06/24/2020 09:46 PM - Knödlseider Jürgen

- Status changed from In Progress to Closed
- % Done changed from 90 to 100

The changes are merged into devel.