

GammaLib - Feature #1212

Add addition and subtraction operators to GSkymap

06/12/2014 04:36 PM - Knödlseider Jürgen

Status:	Closed	Start date:	06/12/2014
Priority:	Normal	Due date:	
Assigned To:	Knödlseider Jürgen	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	3rd coding sprint		
Description <p>Addition and subtraction operators shall be added to GSkymap that allows adding or subtracting the content of one map to the content of another map. The operators should work on maps of different size, doing an effective reprojection of the map by bi-linearly interpolating the map values between the pixel centres.</p> <p>Below a typical example:</p> <pre>GSkymap coarse("CAR", "GAL", 0.0, 0.0, 0.1, 0.1, 100, 100, 1); GSkymap fine("MER", "GAL", 0.0, 0.0, 0.01, 0.01, 1000, 1000, 1); fine += coarse; fine = fine - coarse;</pre>			

History

#1 - 06/12/2014 05:34 PM - Knödlseider Jürgen

- Status changed from New to In Progress
- Assigned To set to Knödlseider Jürgen
- % Done changed from 0 to 80

The += and -= operators have been implemented. The question remains whether also a + and - operator is needed.

#2 - 06/12/2014 05:35 PM - Knödlseider Jürgen

- Target version set to 00-09-00

#3 - 07/10/2014 11:44 PM - Knödlseider Jürgen

- Status changed from In Progress to Resolved
- % Done changed from 80 to 100

Michael added also *+ and /+ operators.

#4 - 07/11/2014 04:11 PM - Knödlseider Jürgen

- Target version changed from 00-09-00 to 3rd coding sprint

#5 - 07/20/2014 11:22 PM - Knödlseider Jürgen

- Status changed from Resolved to Closed