

ctools - Change request #2730

Adopt tools to store GSkyRegions instead of maps which would allow a greater flexibility

11/08/2018 05:49 PM - Specovius Andreas

Status:	New	Start date:	11/08/2018
Priority:	Low	Due date:	
Assigned To:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
<p>The internal handling of regions is a little inconsistent over the tools.</p> <p>ctskymap for example is able to read exclusions from both, a FITS map and a ds9 file. It internally creates a GSkyMap from the map or the geometrical regions.</p> <p>csphagen (hence also cslightcrv, csphasecrv that internally call csphagen) is only able to read a FITS map because it internally creates a GSkyRegionMap.</p> <p>Are there argument why this differing behaviour is needed? Would it make sense to unify that by changing both tools to use a GSkyRegions container that internally handle maps and geometrical regions?</p> <p>I think the interface for the tools should basically stay the same. In this scenario an adaption of GSkyRegions::load() would be necessary, which currently is implemented to only read from a ds9 region file but could be extended to also load from FITS maps.</p>			

History

#1 - 11/08/2018 05:50 PM - Specovius Andreas

- Subject changed from Adopt tools to handle GSkyRegions instead of maps explicitly to Adopt tools to store GSkyRegions instead of maps which would allow a greater flexibility

#2 - 11/11/2018 01:04 PM - Specovius Andreas

I am wondering how saving of regions would then work when both, maps and geometrical regions, were present in the GSkyRegions container...

#3 - 07/01/2019 09:32 AM - Knödseder Jürgen

- Target version set to 1.7.0

#4 - 07/15/2020 12:03 PM - Knödseder Jürgen

- Target version deleted (1.7.0)