

ctools - Feature #1998

cssmoothmap - add new tool to implement map smoothing

04/11/2017 12:45 PM - Di Venere Leonardo

Status:	New	Start date:	
Priority:	Normal	Due date:	
Assigned To:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
<p>This tool should take a map and a kernel as input and apply a smoothing to the input map. An option should be added for residual (or significance) maps, in order to correctly scale the smoothed map to a normal distribution.</p> <p>The output might be another fits file containing the smoothed map.</p> <p>Ideally, the smoothing kernel should take into account the PSF of the instrument and its energy dependence. This might be useful for example to adaptively smoothing a binned count map.</p>			