

GammaLib - Action #1245

Add fill method to GSkymap

07/08/2014 09:25 AM - Knödlseeder Jürgen

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| Status: New | Start date: 07/08/2014 |
| Priority: Normal | Due date: |
| Assigned To: | % Done: 0% |
| Category: | Estimated time: 0.00 hour |
| Target version: | |
| Description | |
| <p>Add a fill method to GSkymap to fill individual events into a skymap. The should take on input a GEvent object:</p> | |
| <pre>GSkymap::fill(const GEvent& event);</pre> | |
| <p>It may also be useful to add a variant that takes as second argument an GEbounds object that allows mapping of the event energy to a map index. The interface would then be</p> | |
| <pre>GSkymap::fill(const GEvent& event, const GEbounds& ebounds);</pre> | |
| <p>Also, one could add a variant that takes an event container:</p> | |
| <pre>GSkymap::fill(const GEvents& events);</pre> | |
| <p>which then would loop over all events found in the container and fill them into the skymap. We then would also need:</p> | |
| <pre>GSkymap::fill(const GEvents& events, const GEbounds& ebounds);</pre> | |