

ctools - Change request #1652

ctbkgcube should file a warning if no background model is provided

01/30/2016 08:44 AM - Mayer Michael

|  |                    |                        |            |
|--|--------------------|------------------------|------------|
| <b>Status:</b>   | Closed             | <b>Start date:</b>     | 01/30/2016 |
| <b>Priority:</b>   | High               | <b>Due date:</b>       |            |
| <b>Assigned To:</b>  | Knödlseider Jürgen | <b>% Done:</b>         | 100%       |
| <b>Category:</b>   |                    | <b>Estimated time:</b> | 0.00 hour  |
| <b>Target version:</b>   | 1.3.0              |                        |            |
| <b>Description</b> <p>Julien Lefaucheur reported the following problem:<br/>in case no background model (GCTAIrfBackground) is provided in the model XML file which is fed to ctbkgcube, the output background cube will be empty.<br/>The problem is that no warning or exception comes up and the output looks normal:</p> <pre>2016-01-29T12:23:14: +=====+ 2016-01-29T12:23:14:   Generate background cube   2016-01-29T12:23:14: +=====+ 2016-01-29T12:23:14: Including HESS observation "Crab" (id=00023523) in background cube computation. 2016-01-29T12:23:14: Including HESS observation "Crab" (id=00023526) in background cube computation. 2016-01-29T12:23:14: Including HESS observation "Crab" (id=00023559) in background cube computation. 2016-01-29T12:23:14: Including HESS observation "Crab" (id=00023592) in background cube computation. 2016-01-29T12:23:14: 2016-01-29T12:23:14: +=====+ 2016-01-29T12:23:14:   Output model   2016-01-29T12:23:14: +=====+ 2016-01-29T12:23:14: === GModels === ...</pre> <p>We should adapt 'ctbkgcube' to throw a meaningful exception or warning in such cases.</p> |                    |                        |            |

History

#1 - 06/21/2016 09:46 PM - Knödlseider Jürgen

- Target version set to 1.2.0

#2 - 03/03/2017 10:49 AM - Knödlseider Jürgen

- Priority changed from Normal to High

- Target version changed from 1.2.0 to 1.3.0

#3 - 06/08/2017 01:15 AM - Knödlseider Jürgen

- Status changed from New to In Progress

- Assigned To set to Knödlseider Jürgen

- % Done changed from 0 to 90

I added an exception in case that no background is present in the model container.

#4 - 06/08/2017 01:28 AM - Knödlseider Jürgen

- Status changed from In Progress to Closed

- % Done changed from 90 to 100

Merged into devel