

ctools - Feature #1145

ctobssim should also fill the DETX and DETY columns

02/13/2014 01:35 AM - Knödlseider Jürgen

Status:	Closed	Start date:	02/13/2014
Priority:	Normal	Due date:	
Assigned To:	Mayer Michael	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	1.0.0		
Description			
Everything is in the title.			

History

#1 - 02/13/2014 01:35 AM - Knödlseider Jürgen

- Tracker changed from Change request to Feature
- Remaining (hours) set to 0.0

#2 - 07/11/2014 04:09 PM - Knödlseider Jürgen

- Target version changed from 00-07-02 to 1.0.0

#3 - 10/17/2014 06:07 PM - Mayer Michael

If I am not mistaken, this issue is easily solvable by slightly changing GCTAResponseIrf::mc(), which is called from ctobssim::simulate_background().

When setting up the GCTAInstDir object in GCTAResponseIrf::mc(), we could do:

```
GCTAInstDir inst_dir = pnt.instdir(sky_dir);
```

instead of currently:

```
GCTAInstDir inst_dir;  
inst_dir.dir(sky_dir);
```

The latter does not set DETX and DETY, while the former does. I made a quick test and the columns where filled correctly. The fix is available on branch 1145-fill-detx-dety-from-ctobssim.

#4 - 10/17/2014 06:08 PM - Mayer Michael

The fix is available on branch 1145-fill-detx-dety-from-ctobssim

... in the gammalib repo

#5 - 10/17/2014 08:43 PM - Knödseder Jürgen

- *Status changed from New to Closed*
- *Assigned To set to Mayer Michael*
- *% Done changed from 0 to 100*

Merged into devel branch.