

## ctools - Feature #1145

### ctobssim should also fill the DETX and DETY columns

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

<b>Status:</b>	Closed	<b>Start date:</b>	02/13/2014
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>	Mayer Michael	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.0.0		
<b>Description</b> 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 were 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.