

## GammaLib - Bug #1445

### GCTAObservation::read\_attributes() does not GObservation.id() and m\_instrument

03/12/2015 11:09 AM - Mayer Michael

<b>Status:</b>	Closed	<b>Start date:</b>	03/12/2015
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>	Knödlseeder Jürgen	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.0.0		
<b>Description</b>			
There should be a line where the cta m_obs_id is transferred to the parent Observation object:			
this->id(gammalib::string(m_obs_id))			
In addition the string m_instrument should be set from the TELESCOP Header keyword.			
I also realised that N_TELS is set to "100" while writing. This should be changed to use the input string, set by read_attributes().			

#### History

##### #1 - 04/09/2015 09:01 PM - Knödlseeder Jürgen

I agree with adding code to correctly handle the TELESCOP and N\_TELS keywords, yet I would not copy the ID information as the ID information is provided by the XML file (in principle, the ID in the XML file could differ from the OBS\_ID of the FITS file; the former is a string while the latter is an integer number).

By copying over information you would overwrite the XML definition which would result in confusion for the user.

##### #2 - 04/09/2015 09:07 PM - Knödlseeder Jürgen

- Status changed from New to Closed
- Assigned To set to Knödlseeder Jürgen
- Target version set to 1.0.0
- % Done changed from 0 to 100

Done and in devel.

##### #3 - 04/09/2015 09:11 PM - Mayer Michael

Thanks. I understand, I wasn't aware that GObservation::m\_id was set on XML reading.

##### #4 - 04/18/2015 02:32 AM - Mayer Michael

To follow up on this, looking at the code I realised that there are still two attributes missing that are not ported through read() and write():

- OBSERVER
- TELLIST

Currently "string" is written into the output FITS header. I think we should add these two attributes before the 1.0 release as well.