

ctools - Bug #1841

An empty csiactobs script should write an empty observation definition XML file

08/11/2016 05:34 PM - Knödseder Jürgen

Status:	Closed	Start date:	08/11/2016
Priority:	Normal	Due date:	
Assigned To:	Mayer Michael	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	1.2.0		
Description			
Saving an empty csiactobs script gives an incomplete observation definition XML file:			
<pre>iactobs = cscripts.csiactobs() iactobs['outobs'] = 'csiactobs_obs_py0.xml' iactobs['outmodel'] = 'csiactobs_bgd_py0.xml' iactobs['logfile'] = 'csiactobs_py0.log' iactobs.logFileOpen() iactobs.save()</pre>			
gives the following csiactobs_obs_py0.xml file:			
<pre><?xml version="1.0" encoding="UTF-8" standalone="no"?></pre>			
The observation_list tag is missing.			

History

#1 - 08/12/2016 10:06 AM - Mayer Michael

The problem ist that only in the run()-method, we have the following code:

```
self._xml.clear()
self._xml.append(gammlib.GXmlElement("observation_list title="observation list"))
lib = self._xml.element('observation_list', 0)
```

Without calling run(), the XML file stays empty. I guess an easy fix would be to move this code snippet to the constructor? Alternatively, we could include a check in the save method, that simply saves an empty observation container in case (self._xml.size() == 0). Do you have a preference?

#2 - 08/12/2016 12:53 PM - Knödseder Jürgen

user#77 wrote:

The problem ist that only in the run()-method, we have the following code:

[...]

Without calling run(), the XML file stays empty. I guess an easy fix would be to move this code snippet to the constructor? Alternatively, we could include a check in the save method, that simply saves an empty observation container in case (self._xml.size() == 0). Do you have a preference?

I was indeed thinking of moving this code to the constructor. If you do this, please also look in the test_csiactobs.py script where the relevant unit test is commented.

#3 - 08/12/2016 02:43 PM - Mayer Michael

- *Status changed from New to Pull request*
- *Assigned To set to Mayer Michael*
- *Target version set to 1.2.0*
- *% Done changed from 0 to 100*

Branch *1841-csiactobs-handle-empty-observations*.

Of course, when we will implement the clear method, we need to make sure that this is properly initialised again (#1842).

#4 - 09/26/2016 12:11 PM - Knödseder Jürgen

- *Status changed from Pull request to Closed*

Merged into devel