GammaLib - Bug #1059

GCTAModelBackground::write() appends temporal model

01/06/2014 04:53 PM - Mayer Michael

Status:	Closed		**Start date:**	01/06/2014
Priority:	Normal		**Due date:**	
Assigned To:	Knödlseder Jürgen		**% Done:**	100%
Category:			**Estimated time:**	0.00 hour
Target version:				

Description

Currently an .xml-file containing a GCTAModelBackground (created with GModels::save) cannot be read in properly. This is due to an error in GCTAModelBackground::write() where an empty temporal model gets appended to the xml-file. The problem is very easy to solve: line 843 in GCTAModelBackground.cpp has to be removed.

if (temporal() != NULL) src->append(GXmlElement("temporalModel"));

History

#1 - 01/06/2014 11:03 PM - Knödlseder Jürgen

- Assigned To set to Knödlseder Jürgen

- % Done changed from 0 to 10

Okay, I wanted to be general, but this needs a little be more thinking. Going to remove this for the moment as you suggest ...

#2 - 01/07/2014 12:25 AM - Knödlseder Jürgen

- Status changed from New to Feedback

- % Done changed from 10 to 100

Now in devel. Please check if it's working for you.

#3 - 01/07/2014 09:14 AM - Mayer Michael

Yes, it works - thanks. In GModelSky, we also only read the spatial and the spectral part. We could think about adding a GModelTemporalConst to all models in their respective write() method, but I guess for now this won't be used.

#4 - 01/07/2014 09:54 AM - Knödlseder Jürgen

- Status changed from Feedback to Closed

In fact, the idea would be to write the temporal component if it differs from a standard const unity component. This would conserve compatibility but allow for flexibility once we implement specific temporal models.