GammaLib - Feature #536

Add HESS instrument response functions

10/10/2012 10:55 AM - Deil Christoph

Status:	Closed	**Start date:**	10/10/2012
Priority:	Normal	**Due date:**	
Assigned To:	Deil Christoph	**% Done:**	80%
Category:		**Estimated time:**	16.00 hours
Target version:			

Description

At the moment gammalib has interfaces to the Fermi LAT and (very preliminary) CTA instrument response functions.

To be able to analyze HESS data with gammalib / ctools, we should
A) Create a HESS CALDB by converting the existing HESS IRF (tons of ROOT histograms) to FITS format and creating an index.
B) Implement lookup / interpolation classes to access the HESS IRFs.
C) Add unit and high-level tests, and some examples and documentation.

I'll create these three sub-tasks for this issues. Please let me know if I missed something.

Subtasks:	
Action # 569: Add acceptance reader	**New**
Action # 538: Add HESS instrument classes	**Rejected**
Action # 539: HESS instrument response tests / examples / documentation.	**Closed**
Action # 537: Convert HESS IRFs to FITS format and create a CALDB index	**Closed**
Action # 568: Make sure that GammaLib can read response table format	**Closed**

History

#1 - 10/10/2012 08:48 PM - Knödlseder Jürgen

- Target version set to HESS sprint #1

#2 - 10/10/2012 10:29 PM - Knödlseder Jürgen

Sounds complete so far.

#3 - 11/03/2013 02:09 AM - Knödlseder Jürgen

- Target version deleted (HESS sprint #1)

#4 - 06/21/2016 10:21 PM - Knödlseder Jürgen

- Status changed from New to Closed