GammaLib - Bug #2495

A q-mode parameter is set to h after quering

06/05/2018 04:52 PM - Knödlseder Jürgen

Status:	Closed		**Start date:**	06/05/2018
Priority:	High		**Due date:**	
Assigned To:	Knödlseder Jürgen		**% Done:**	100%
Category:			**Estimated time:**	0.00 hour
Target version:	1.6.0			

Description

Andreas reported in #2305 that after using a q-type parameter in a parameter file, it was set to hidden. This is probably a side effect of the current logic where after a query a parameter is set to hidden so that it is not queried again. Querying should be better handled by an explicit flag, and note by changing the type to hidden.

History

#1 - 06/05/2018 04:59 PM - Knödlseder Jürgen

It turned out that when changing a parameter from a to q, the parameter is no longer queried. The parfile

ra, r, q, 83.63,0,360, "RA of pointing (degrees)"
dec, r, q, 22.51,-90,90, "Dec of pointing (degrees)"

results in

$ ctobssim
Radius of FOV (degrees) (0-180) [5.0]
Start time (UTC string, JD, MJD or MET in seconds) [2020-01-01T00:00:00]
Stop time (UTC string, JD, MJD or MET in seconds) [2020-01-01T00:30:00]
Lower energy limit (TeV) [0.1]
Upper energy limit (TeV) [100.0]
Calibration database [prod2]
Instrument response function [South_0.5h]
Input model definition XML file [$CTOOLS/share/models/crab.xml]
Output event data file or observation definition XML file [events.fits]

#2 - 06/05/2018 10:39 PM - Knödlseder Jürgen

- Subject changed from A q-type parameter is set to h after quering to A q-mode parameter is set to h after quering

#3 - 06/05/2018 10:57 PM - Knödlseder Jürgen

- Status changed from New to Pull request

- % Done changed from 0 to 100

Bugs were corrected, will now integrate the code.

A new method GApplicationPar::was_queried() was added that informs whether a given parameter was actually queried. A new flag was added as protected member that keeps track of querying.

#4 - 06/06/2018 01:31 PM - Knödlseder Jürgen

- Status changed from Pull request to Closed

The code was merged into devel.