

GammaLib - Bug #2177

UTC time conversion error

08/08/2017 06:42 PM - Knödseder Jürgen

Status:	Closed	Start date:	08/08/2017
Priority:	Normal	Due date:	
Assigned To:	Knödseder Jürgen	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	1.5.0		
Description			
An MET time of 631108869.18 gives an UTC time of 2019-12-31T23:59:60. This can be reproduced by:			
<pre>>>> import gammalib >>> import ctools >>> sim=ctools.ctobssim() >>> t=gammalib.GTime() >>> t.set(631108869.18,sim._time_reference()) >>> print t.utc() 2019-12-31T23:59:60</pre>			

History

#1 - 08/08/2017 06:45 PM - Knödseder Jürgen

Note that this is probably a rounding error in GTime::utc().

#2 - 08/08/2017 08:55 PM - Knödseder Jürgen

- Status changed from New to Closed
- Assigned To set to Knödseder Jürgen
- Target version set to 1.5.0
- % Done changed from 0 to 100

The rounding error has been corrected and the change merged into devel.