

## GammaLib - Action #772

Feature # 692 (Closed): Perform an extensive interface review of all classes

### Review fits module classes

02/20/2013 03:13 AM - Knödseder Jürgen

<b>Status:</b>	Closed	<b>Start date:</b>	02/20/2013
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>	Knödseder Jürgen	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	50.00 hours
<b>Target version:</b>	00-08-00		
<b>Description</b>			

### History

#1 - 02/20/2013 03:14 AM - Knödseder Jürgen

The following classes have been reviewed:

Class	Comment
GFits	Now derives from GContainer and implements HDU container manipulations
GFitsHDU	card() methods now return references instead of pointers
GFitsHeader	Now derives from GContainer and implements header container manipulations, cards now stored in std::vector
GFitsHeaderCard	Minor changes
GFitsTable	Operators return pointer instead of reference to avoid code slicing; rename append_column to append and insert_column to insert; add size and set methods, change arguments to references
GFitsAsciiTable	Table constructor now takes reference argument, exttype() method inline
GFitsBinTable	Table constructor now takes reference argument, exttype() method inline
GFitsTableCol	Add variable-length support
GFitsTableBitCol	Add variable-length support
GFitsTableBoolCol	Add variable-length support
GFitsTableByteCol	Add variable-length support
GFitsTableCDoubleCol	Add variable-length support
GFitsTableCFloatCol	Add variable-length support
GFitsTableDoubleCol	Add variable-length support
GFitsTableFloatCol	Add variable-length support
GFitsTableLongCol	Add variable-length support
GFitsTableLongLongCol	Add variable-length support
GFitsTableShortCol	Add variable-length support
GFitsTableStringCol	Add variable-length support
GFitsTableULongCol	Add variable-length support
GFitsTableUShortCol	Add variable-length support
GFitsImage	All constructor arguments are references
GFitsImageByte	All constructor arguments are references
GFitsImageDouble	All constructor arguments are references
GFitsImageFloat	All constructor arguments are references

GFitsImageLong	All constructor arguments are references
GFitsImageLongLong	All constructor arguments are references
GFitsImageSByte	All constructor arguments are references
GFitsImageShort	All constructor arguments are references
GFitsImageULong	All constructor arguments are references
GFitsImageUShort	All constructor arguments are references

**#2 - 11/22/2013 11:38 PM - Knödseder Jürgen**

- Status changed from *New* to *In Progress*
- Assigned To set to *Knödseder Jürgen*
- % Done changed from *0* to *20*

**#3 - 12/06/2013 12:53 AM - Knödseder Jürgen**

- Status changed from *In Progress* to *Closed*
- % Done changed from *20* to *100*
- Remaining (hours) changed from *50.0* to *0.0*

Code review terminated.