GammaLib - Bug #1062

Fix optimize example

01/08/2014 12:42 PM - Deil Christoph

Status:	Closed	**Start date:**	01/08/2014
Priority:	Normal	**Due date:**	
Assigned To:	Deil Christoph	**% Done:**	100%
Category:		**Estimated time:**	0.00 hour
Target version:	00-08-00		

Description

The optimize example is currently broken:

g++ -o optimize optimize.cpp -I/usr/local/gamma/include/gammalib -L/usr/local/gamma/lib -lgamma
optimize.cpp:76:14: error: variable type 'function' is an abstract class
    function fct;
            ^
/usr/local/gamma/include/gammalib/GOptimizerFunction.hpp:65:28: note: unimplemented pure virtual method 'curvature' in 'function'
    virtual GMatrixSparse* curvature(void) = 0;
                          ^
1 error generated.
make: *** [optimize] Error 1

This example has been copy & pasted into the docs:
http://gammalib.sourceforge.net/user_manual/modules/opt.html#optimizing-a-function

Instead we should use the literalinclude directive to avoid duplication (and sooner or later inconsistencies):
http://sphinx-doc.org/markup/code.html#directive-literalinclude

I'll fix this now.

Jürgen, can you check on Jenkins that all the examples compile (and maybe run zero exit code)?

History

#1 - 01/08/2014 02:14 PM - Deil Christoph

- Status changed from In Progress to Pull request

Here's a fix:
https://github.com/cdeil/gammalib/compare/gammalib:devel...cdeil:issue_1062

I also went through the user manual and improved the formatting of CPP and XML in the user manual.

Looks OK?

#2 - 01/08/2014 02:17 PM - Deil Christoph

What is the timescale for the GammaLib 0.8 release?
Do you plan to finish the user manual or is this for 0.9?

Most of the times a class or method is mentioned in the user manual it should actually be a link to the API doxygen docs.
Do we have an issue to write a sphinx directive to cross-link from sphinx to doxygen?

#3 - 01/08/2014 04:09 PM - Knödlseder Jürgen

Deil Christoph wrote:

> Here's a fix:
> https://github.com/cdeil/gammalib/compare/gammalib:devel...cdeil:issue_1062

I changed this yesterday and forgot to update the example smile.png

> I also went through the user manual and improved the formatting of CPP and XML in the user manual.

> Looks OK?

Ok, thanks.

#4 - 01/08/2014 04:48 PM - Knödlseder Jürgen

Deil Christoph wrote:

> What is the timescale for the GammaLib 0.8 release?
> Do you plan to finish the user manual or is this for 0.9?

I would like to get out GammaLib soon, best before the coding sprint. The importance for the 0.8 release is a stabilization of the interfaces, hence method renaming should be finished. Having the documentation complete is less relevant and can wait for the next version.

#5 - 01/08/2014 04:49 PM - Knödlseder Jürgen

Deil Christoph wrote:

> Most of the times a class or method is mentioned in the user manual it should actually be a link to the API doxygen docs.
> Do we have an issue to write a sphinx directive to cross-link from sphinx to doxygen?

No issue so far. Would be nice to have this.

#6 - 01/08/2014 05:47 PM - Knödlseder Jürgen

- Status changed from Pull request to Closed

- % Done changed from 0 to 100

Pushed into devel.