

GammaLib - Support #965

Apple OSX Mavericks update: gammalib won't compile or work anymore

10/24/2013 01:46 PM - Mayer Michael

Status:	Closed	Start date:	10/24/2013
Priority:	Normal	Due date:	
Assigned To:		% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
<p>If you are using a a mac and installed the most recent update of OSX 10.9 (Mavericks), gammalib won't compile anymore and the python bindings do not work either. This is due to a new compiler in Xcode 5.0.1 (which comes with the Mavericks update). The low level virtual machine (llvm) version has been changed to version 5.0. This implies that all packages you have installed on your mac are outdated and have to be recompiled with the new version (this includes e.g. the gcc compiler). If you are using macports, there is a nice way to easy let this work getting done for you: First update you macports definition by:</p> <pre>\$ > sudo port selfupdate</pre> <p>then update all your old ports by typing:</p> <pre>\$ > sudo port upgrade outdated</pre> <p>This update will stop with an error message about the llvm version. To continue, you have to remove this version and all its dependencies:</p> <pre>\$ > sudo port uninstall --follow-dependents llvm-3.1</pre> <p>After finishing, rerun the following command:</p> <pre>\$ > sudo port upgrade outdated</pre> <p>Note, that all this took me up to 4h. So consider doing this in parallel to something else smile.png</p>			

History

#1 - 10/24/2013 02:12 PM - Deil Christoph

Actually the recommended procedure is to re-install Macports from scratch after an update to a new OS X version:

<https://trac.macports.org/wiki/Migration>

If you don't you'll most likely run into C++ problems from time to time, especially with the update to Mavericks:

<https://lists.macosforge.org/pipermail/macports-dev/2013-October/024715.html>

And generally it's also good advice to wait for a week or two until a new stable version of Macports is out and binary packages have been produced so that you don't have to compile everything on your machine.

But I'm also tempted to upgrade ... :-)

#2 - 10/24/2013 02:16 PM - Mayer Michael

Yes, it took me a while to figure out that reinstalling or updating macports is the simplest and only solution. I was just too attracted to the new OS X and updated without thinking smile.png

#3 - 10/31/2013 11:50 PM - Knödseder Jürgen

- *Status changed from Resolved to Closed*