

FreeBSD Administration - Support #690

Use GCC as the Default Compiler on FreeBSD

11/01/2015 07:18 PM - Daniel Curtis

Status:	Closed	Start date:	11/01/2015
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	100%
Category:	Command-Line Help	Estimated time:	0.10 hour
Target version:	FreeBSD 9	Spent time:	0.50 hour
Description <p>Every once in a while I need to compile a program with GCC, instead of the default FreeBSD compiler Clang. To accomplish this I install the latest GCC and set it over Clang with environment variables.</p> <ul style="list-style-type: none">• Install GCC: <pre>pkg install gcc49</pre><ul style="list-style-type: none">◦ (Optional) Install GCC from the ports tree: <pre>cd /usr/port/lang/gcc49 make install clean</pre>• Set the CC, CXX, and CPP environment variables to use GCC: <pre>setenv CC gcc49 setenv CXX g++49 setenv CPP cpp49</pre><ul style="list-style-type: none">◦ (Optional) Environment variables can be set at build time: <pre>env CC="gcc49" CXX="g++49" CPP="cpp49" CFLAGS="-std=c++11" make</pre> Resources <ul style="list-style-type: none">• http://unix.stackexchange.com/questions/130639/how-do-i-install-the-latest-gcc-on-freebsd			

History

#1 - 11/02/2015 11:09 AM - Daniel Curtis

- Description updated
- Status changed from New to Resolved
- % Done changed from 0 to 100

#2 - 11/27/2015 03:44 PM - Daniel Curtis

- Category set to Command-Line Help
- Status changed from Resolved to Closed