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Subject: Re: Problems with GEANE and trackbase  
Posted by [Mohammad Al-Turany](#) on Tue, 18 Mar 2008 17:21:04 GMT  
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Hi All,

So I tested the geane crash on deferent systems and compiler with and without the flags -O2 and using the code in recotasks/demo the results were:

1. Debian Sarge gcc 3.3.5	crashes	with or without -O2
2. Scientific Linux 4.5 gcc 3.4.6	crashes	with or without -O2
3. Fedora Core 8 gcc 4.1.2	crashes	with or without -O2
4. Debian Etch gcc 4.1.2	crashes	with or without -O2
5. Debian Etch 64 bit gcc 4.1.2	works	with or without -O2
6. Mac OS X gcc 4.0.1 (Apple)	works	with or without -O2

So it seems to be independent of the flag -O2 -g and the compiler version. In all cases we will remove the -O2 from the check\_compiler. I also tried to remove the whole Check\_Compiler.cmake from the CMakeList.txt so that the compiler is called without options (only default) and it did not help!

So we still have to understand why it works on 64 bit and not on 32!!!

A question to the Pavia group: did you remove only the flag -O2 in your working environment or the whole Check\_Compiler.cmake macro from the CMakelist.txt? and what system you use?

regards

Mohammad