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