
Subject: GEANE with new external packages
Posted by [EDownie](#) on Thu, 31 Jan 2008 16:49:50 GMT
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Dear All,

I installed the latest version of the external packages on 11th January, but when I try to install the development version of Pandaroot with libGeane, cmake informs me that I can't compile with libGeane as I have too old a version of Geant 3. The output is copied below.

Any suggestions?

Thanks,

Evie

```
cmake ../pandaroot/
-- You're not using the GSI installation of the external packages.
-- If any problems occur this can be due to the fact that the macros
-- were mostly tested at GSI. If you find any problems please contact
-- f.uhlig@gsi.de
-- Found root of the simulation software at /home/pandasim/fairroot/cbmsoft
-- Looking for Root...
-- Looking for Root... - found /home/pandasim/fairroot/cbmsoft/tools/root/bin/root
-- Looking for Root... - version 5.17/05
-- Looking for Pluto...
-- Looking for Pluto... - found /home/pandasim/fairroot/cbmsoft/generators/lib
-- Looking for Pythia6...
-- Looking for Pythia6... - found /home/pandasim/fairroot/cbmsoft/generators/lib-- Looking for
GEANT3...
-- Looking for GEANT3... - found
/home/pandasim/fairroot/cbmsoft/transport/geant3/lib/tgt_linux/libgeant3 21.so
-- Looking for GEANT4...
-- Looking for GEANT4... - found
/home/pandasim/fairroot/cbmsoft/transport/geant4/lib/Linux-g++
-- Looking for GEANT4VMC...
-- Looking for GEANT4VMC... - found
/home/pandasim/fairroot/cbmsoft/transport/geant4_vmc/lib/tgt_linux
-- Looking for VGM...
-- Looking for VGM... - found /home/pandasim/fairroot/cbmsoft/transport/vgm/lib/Linux-g++
-- Looking for CLHEP...
-- Looking for CLHEP... - found /home/pandasim/fairroot/cbmsoft/cern/clhep/lib
```

WW Can not install libGeane the interface to GEANE.

WW The GEANT3 version you're using is too old and doesn't support the necessary features.

WW Please use a newer GEANT3 version if you want to use libGeane.

```
-- Configuring done
-- Generating done
-- Build files have been written to: /home/pandasim/fairroot/cbmsoft/build
bash-3.00$
```

Subject: Re: GEANE with new external packages
Posted by [Lia Lavezzi](#) on Fri, 01 Feb 2008 09:28:29 GMT
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Hi Evie,

I had the same problem and I solved it uncommenting the line 114 in the file
pandaroot/cmake/modules/FindGEANT3.cmake, i.e.:
TEST_GEANT3_VERSION()

I am not a CMAKE expert, but for me it worked, maybe the cmake experts can tell if this is
correct or there is another way.

Bye,
Lia.

Subject: Re: GEANE with new external packages
Posted by [Aleksandra Biegun](#) on Fri, 01 Feb 2008 10:27:53 GMT
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Hi Evie,

the other option for your problem is to comment few lines
in pandaroot/geane/CMakeList.txt

```
IF (TGEANT3_SETCUTS) - line 25 and  
  
ELSE(TGEANT3_SETCUTS)  
MESSAGE("")  
MESSAGE("WW Can not install libGeane the interface to GEANE.")  
MESSAGE("WW The GEANT3 version you're using is to old and don't support the  
necessary features.")  
MESSAGE("WW Please use a newer GEANT3 version if you want to use libGeane.")  
MESSAGE("")  
ENDIF (TGEANT3_SETCUTS) - lines 53 up to 59
```

(like we did at KVI workshop last week).

Greetings from KVI,
Ola.

Subject: Re: GEANE with new external packages
Posted by [Stefano Spataro](#) on Thu, 06 Mar 2008 12:42:40 GMT
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I have seen that in the latest repository there is still the same problem.
Could it be possible to fix it in the proper way?
What is exactly the problem?
