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Subject: cmake error

Posted by [Tobias Stockmanns](#) on Thu, 15 Nov 2007 16:07:08 GMT

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Dear pandaRooters,

I just tried to install a clean version of pandaRoot from the repository. When I try to use cmake `../pandaroot` I get the following error message:

```
-- 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/stockman/fairroot/cbmsoft
-- Looking for Root...
-- Looking for Root... - found /home/stockman/fairroot/cbmsoft/tools/root/bin/root
-- Looking for Root... - version 5.16/00
-- Looking for GEANT3...
-- Looking for GEANT3... - found
/home/stockman/fairroot/cbmsoft/transport/geant3/lib/tgt_linux/libgeant3 21.so
-- Old Version of GEANT3 without GEANE support found.
-- Looking for Pluto...
-- Looking for Pluto... - found /home/stockman/fairroot/cbmsoft/generators/lib
-- Looking for Pythia6...
-- Looking for Pythia6... - found /home/stockman/fairroot/cbmsoft/generators/lib
-- Looking for GEANT4...
-- Looking for GEANT4... - found
/home/stockman/fairroot/cbmsoft/transport/geant4/lib/Linux-g++
-- Looking for GEANT4VMC...
-- Looking for GEANT4VMC... - found
/home/stockman/fairroot/cbmsoft/transport/geant4_vmc/lib/tgt_linux
-- Looking for VGM...
-- Looking for VGM... - found /home/stockman/fairroot/cbmsoft/transport/vgm/lib/Linux-g++
-- Looking for CLHEP...
-- Looking for CLHEP... - found /home/stockman/fairroot/cbmsoft/cern/clhep/lib
RegularExpression::compile(): Nested *?+.
RegularExpression::compile(): Error in compile.
CMake Error: Error in cmake code at
£:119:
IF had incorrect arguments: NOT "${unique_tmp}" MATCHES "(^|;){l}(|$)" (Regular
expression " (^|;)/home/stockman/fairroot/cbmsoft/tools/root/bin:/home/stockman/fairr
oot/cbmsoft/tools/root/bin:/home/kph/stockman/bin/LINUX:./usr/local/ikp
/bin:/opt/bin:/opt/bin:/usr/bin:/usr/local/ikp/bin:./home/kph/stockman/
bin:/home/kph/stockman:/usr/local/bin:/usr/X11R6/bin:/bin:/usr/games:/op
t/gnome/bin:/opt/kde3/bin:/usr/lib/mit/bin:/usr/lib/mit/sbin:/usr/local/
insure/bin:/usr/local/ikp/cern/pro/bin:/usr/local/ikp/root/bin:/home/kph
/stockman/geant4/bin/Linux-g++:/opt/pbs/bin:/usr/local/ikp/cern/pro/bin:
/usr/local/ikp/root/bin:/home/kph/stockman/geant4/bin/Linux-g++:/opt/pbs /bin(|$) " cannot
compile).
Current CMake stack:
/home/stockman/fairroot/cbmsoft/pandaroot/CMakeLists.txt:/usr/local/ikp/
share/cmake-2.4/Modules/CMakeCInformation.cmake;/usr/local/ikp/share/cma
```

```
ke-2.4/Modules/CMakeCXXInformation.cmake
CMake Error: Error in cmake code at
£:121:
ENDIF An ENDIF command was found outside of a proper IF ENDIF structure. Or its
arguments did not match the opening IF command.
Current CMake stack:
/home/stockman/fairroot/cbmsoft/pandaroot/CMakeLists.txt;/usr/local/ikp/
share/cmake-2.4/Modules/CMakeCInformation.cmake;/usr/local/ikp/share/cma
ke-2.4/Modules/CMakeCXXInformation.cmake
-- Configuring done
```

I could figure out that the problem is related to the command CHECK\_GSI()

If I comment out this line everything runs smoothly buy I do not think that this is the suggested procedure .

Ciao,

Tobias

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Subject: Re: cmake error  
Posted by [Florian Uhlig](#) on Fri, 16 Nov 2007 07:58:36 GMT  
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Hi Tobias

I tried to reproduce your problem, but i don't get your error.  
I on't understand why the behavior changes if tou uncomment the  
CHECK\_GSI() macro, because the macro is executed much earlier.

Can you please check if all your cmake macros in the directory  
cmake/modules are up-to-date.

In the moment i don't have any better idea.

Ciao

Florian

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Subject: Re: cmake error  
Posted by [Tobias Stockmanns](#) on Fri, 16 Nov 2007 08:25:20 GMT  
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Hallo Florian,

thank you for your fast reply. Unfortunately the folder cmake/modules is at the latest revision.

It was a clean checkout I did yesterday afternoon.

At the moment I just commented out the CHECK\_GSI() command and everything works despite the PATH-variable where I have to add my old PATH.

Viele Grüße

Tobias

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