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Subject: Bug in config.sh/cmake r5419

Posted by [Stefano Spataro](#) on Wed, 06 May 2009 08:59:24 GMT

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Hi,

today I have updated my version of svn, run the cmake ../pandaroot, and then the config.sh. After the config.sh my terminal closes, and streaming the output I have the following message:

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On this machine the G4SYSTEM=Linux-g++

On this machine the G4INSTALL=/data00/spataro/july08/transport/geant4

On this machine the G4INCLUDE=/data00/spataro/july08/transport/geant4/include/

On this machine the G4LIB=/data00/spataro/july08/transport/geant4/lib

On this machine the

G4LEVELGAMMADATA=/data00/spataro/july08/transport/data/geant4/PhotonEvaporation

On this machine the

G4RADIOACTIVEDATA=/data00/spataro/july08/transport/data/geant4/RadioactiveDecay

On this machine the G4LEDDATA=/data00/spataro/july08/transport/data/geant4/G4EMLOW

On this machine the

NeutronHPCrossSections=/data00/spataro/july08/transport/data/geant4/G4NDL

On this machine the

G4ELASTICDATA=/data00/spataro/july08/transport/data/geant4/G4ELASTIC

On this machine the G4ABLADATA=/data00/spataro/july08/transport/data/geant4/G4ABLA

On this machine the CLHEP\_BASE\_DIR=/data00/spataro/july08/cern/clhep

On this machine the CLHEP\_INCLUDE\_DIR=/data00/spataro/july08/cern/clhep/include

On this machine the CLHEP\_LIB\_DIR=/data00/spataro/july08/cern/clhep/lib

On this machine the CLHEP\_LIB=CLHEP

On this machine the G4DEBUG=1

On this machine the G4VIS\_BUILD\_RAYTRACERX\_DRIVER=1

On this machine the G4VIS\_USE\_RAYTRACERX=1

On this machine the G4VIS\_USE\_VRML=1

On this machine the G4LIB\_BUILD\_G3TOG4=1

On this machine the G4LIB\_USE\_G3TOG4=1

On this machine the G4LIB\_BUILD\_ZLIB=1

On this machine the G4LIB\_USE\_ZLIB=1

On this machine the G4LIB\_BUILD\_SHARED=1

On this machine the G4LIB\_USE\_GRANULAR=1

On this machine the G4UI\_USE\_TCSH=1

G4WORKDIR will be set to HOME/geant4=/data00/spataro/july08/transport/geant4

tr: invalid backslash escape at end of string

System during compilation: Scientific Linux CERN SLC release 4.7 (Beryllium)

i686

System now :

i686

You try to run the software on a different linux flavour than it was compiled on.

This is normally a serious error, so we stop the execution at this point.

If you know what you do you can change the config.sh script to bypass this security issue.

I think this is related to the last changes in cmake part. I have also cleaned my build directory, but I have always the same error even if the code is not yet compiled.  
Fix are requested

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Subject: Re: Bug in config.sh/cmake r5419  
Posted by [Stefano Spataro](#) on Wed, 06 May 2009 09:07:05 GMT  
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A last thing:  
if I use the svn version 5395 only in cmake directory, everything runs fine, and I have the following correct message:

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```
System during compilation: Scientific Linux CERN SLC release 4.7 (Beryllium)
                           i686
System now                  : Scientific Linux CERN SLC release 4.7 (Beryllium)
                           i686
```

Then I think it is just a problem of the last cmake commit.

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Subject: Re: Bug in config.sh/cmake r5419  
Posted by [Tobias Stockmanns](#) on Wed, 06 May 2009 09:08:08 GMT  
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Hi Stefano,

I have the same error on my SuSe 11.0 notebook. The problem is coming from the check\_system.sh call in config.sh.

It reads in the first line of /etc/issue. Unfortunately on some systems this line is empty which causes the problems you have.

You can either change /etc/issue and delete the first empty line or you have to set the line export Linux\_Flavour = " .... " to an empty string.

Nevertheless this is only a workaround. The problem should be fixed in the cmake procedure.

Ciao,

Tobias

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Subject: Re: Bug in config.sh/cmake r5419  
Posted by [Johan Messchendorp](#) on Wed, 06 May 2009 15:58:07 GMT  
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[http://forum.gsi.de/index.php?t=tree&goto=8360&rid=981&S=c0f59d0295f29fadd7a2d831843897fd#page\\_top](http://forum.gsi.de/index.php?t=tree&goto=8360&rid=981&S=c0f59d0295f29fadd7a2d831843897fd#page_top)

j.

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Subject: Re: Bug in config.sh/cmake r5419  
Posted by [Florian Uhlig](#) on Thu, 07 May 2009 01:46:45 GMT  
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Hi

If there ideas who to get the info about the underlying system in a better way then let me know. As Tobias already pointed out all the systems behave differently, so for me it's hard to come up with a unique procedure. The best what i could do was to use /etc/issue. If this now introduces problems we have to find another way. I think it does not make sense to put to much different procedures for all kind of systems in the script.

Ciao

Florian

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Subject: Re: Bug in config.sh/cmake r5419  
Posted by [Ralf Kliemt](#) on Thu, 07 May 2009 08:22:07 GMT  
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Hello Florian,

I second the opinion to not exit the shell on that error/warning.  
OpenSuse10.2 has that empty line in /etc/issue as well.

Ralf.

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Subject: Re: Bug in config.sh/cmake r5419  
Posted by [Johan Messchendorp](#) on Thu, 07 May 2009 09:13:01 GMT  
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Hi,

me too: please don't "exit"

Johan

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