
Subject: ... it is too safe!

Posted by [Volker Friese](#) on Tue, 05 May 2009 15:52:20 GMT

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Ooops, I was too quick with my previous statement. Now I tried to execute the configuration macro on the same machine the installation was made on, and I am rejected as well:

```
friese@lxg1403:/misc/friese> . /misc/cbmsoft/cbmroot/DEC08/sarge32/config.sh
On this machine the G4SYSTEM=Linux-g++
On this machine the G4INSTALL=/misc/cbmsoft/Sarge32/jul08/fairsoft/transport/geant4
On this machine the
G4INCLUDE=/misc/cbmsoft/Sarge32/jul08/fairsoft/transport/geant4/include/
On this machine the G4LIB=/misc/cbmsoft/Sarge32/jul08/fairsoft/transport/geant4/lib
On this machine the
G4LEVELGAMMADATA=/misc/cbmsoft/Sarge32/jul08/fairsoft/transport/data/geant4/PhotonEv
aporation
On this machine the
G4RADIOACTIVEDATA=/misc/cbmsoft/Sarge32/jul08/fairsoft/transport/data/geant4/Radioactiv
eDecay
On this machine the
G4LEDDATA=/misc/cbmsoft/Sarge32/jul08/fairsoft/transport/data/geant4/G4EMLOW
On this machine the
NeutronHPCrossSections=/misc/cbmsoft/Sarge32/jul08/fairsoft/transport/data/geant4/G4NDL
On this machine the
G4ELASTICDATA=/misc/cbmsoft/Sarge32/jul08/fairsoft/transport/data/geant4/G4ELASTIC
On this machine the
G4ABLADATA=/misc/cbmsoft/Sarge32/jul08/fairsoft/transport/data/geant4/G4ABLA
On this machine the CLHEP_BASE_DIR=/misc/cbmsoft/Sarge32/jul08/fairsoft/cern/clhep
On this machine the
CLHEP_INCLUDE_DIR=/misc/cbmsoft/Sarge32/jul08/fairsoft/cern/clhep/include
On this machine the CLHEP_LIB_DIR=/misc/cbmsoft/Sarge32/jul08/fairsoft/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=/misc/cbmsoft/Sarge32/jul08/fairsoft/transport/geant4
root/dev/sarge32/config.sh
On this machine the G4SYSTEM=Linux-g++
On this machine the G4INSTALL=/misc/cbmsoft/Sarge32/jul08/fairsoft/transport/geant4
On this machine the
G4INCLUDE=/misc/cbmsoft/Sarge32/jul08/fairsoft/transport/geant4/include/
On this machine the G4LIB=/misc/cbmsoft/Sarge32/jul08/fairsoft/transport/geant4/lib
On this machine the
```

```

G4LEVELGAMMADATA=/misc/cbmsoft/Sarge32/jul08/fairsoft/transport/data/geant4/PhotonEv
aporation
On this machine the
G4RADIOACTIVEDATA=/misc/cbmsoft/Sarge32/jul08/fairsoft/transport/data/geant4/Radioactiv
eDecay
On this machine the
G4LEDDATA=/misc/cbmsoft/Sarge32/jul08/fairsoft/transport/data/geant4/G4EMLOW
On this machine the
NeutronHPCrossSections=/misc/cbmsoft/Sarge32/jul08/fairsoft/transport/data/geant4/G4NDL
On this machine the
G4ELASTICDATA=/misc/cbmsoft/Sarge32/jul08/fairsoft/transport/data/geant4/G4ELASTIC
On this machine the
G4ABLADATA=/misc/cbmsoft/Sarge32/jul08/fairsoft/transport/data/geant4/G4ABLA
On this machine the CLHEP_BASE_DIR=/misc/cbmsoft/Sarge32/jul08/fairsoft/cern/clhep
On this machine the
CLHEP_INCLUDE_DIR=/misc/cbmsoft/Sarge32/jul08/fairsoft/cern/clhep/include
On this machine the CLHEP_LIB_DIR=/misc/cbmsoft/Sarge32/jul08/fairsoft/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
In your environment you have the
G4WORKDIR=/misc/cbmsoft/Sarge32/jul08/fairsoft/transport/geant4
tr: invalid backslash escape at end of string

```

System during compilation: Debian GNU/Linux 3.1 n l
i686

System now :
i686

You try to run the software on a different
linux flavour than it was compiled on.
This is normaly 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.
frieese@lxcg1403:/misc/frieese>

The reason is that in Debian Sarge, the tr program regards the backslash an escape
sequence. You have to precess it with another backslash: tr '\\' ' ' in the script
check_system.sh.in. In Debian Etch, both variants work.