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Subject: [FIXED] error in geant4 installation

Posted by [Elisa Fioravanti](#) on Thu, 23 Apr 2015 18:00:43 GMT

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Dear all,

I'm installing FairSoft mar15 on my Scientific Linux release 6.6.

It stops during the Geant4 installation with the following error message.

Can somebody help me?

Thanks in advance,

Elisa

```
*** Unpacking geant4.10.00.p02.tar.gz .....
```

```
*** Compiling Geant4-lib .....
```

```
*** Compiling Geant4-build .....
```

```
-- The C compiler identification is GNU 4.4.7
```

```
-- The CXX compiler identification is GNU 4.4.7
```

```
-- Check for working C compiler: /usr/bin/gcc
```

```
-- Check for working C compiler: /usr/bin/gcc -- works
```

```
-- Detecting C compiler ABI info
```

```
-- Detecting C compiler ABI info - done
```

```
-- Check for working CXX compiler: /usr/bin/g++
```

```
-- Check for working CXX compiler: /usr/bin/g++ -- works
```

```
-- Detecting CXX compiler ABI info
```

```
-- Detecting CXX compiler ABI info - done
```

```
CMake Error at /usr/share/cmake/Modules/FindPackageHandleStandardArgs.cmake:108  
(message):
```

```
  Could NOT find EXPAT (missing: EXPAT_LIBRARY EXPAT_INCLUDE_DIR)
```

```
Call Stack (most recent call first):
```

```
  /usr/share/cmake/Modules/FindPackageHandleStandardArgs.cmake:315
```

```
  (_FPHSA_FAILURE_MESSAGE)
```

```
  /usr/share/cmake/Modules/FindEXPAT.cmake:50
```

```
  (FIND_PACKAGE_HANDLE_STANDARD_ARGS)
```

```
  cmake/Modules/Geant4OptionalComponents.cmake:71 (find_package)
```

```
  CMakeLists.txt:78 (include)
```

```
-- Configuring incomplete, errors occurred!
```

```
See also " /home/fioravanti/fairsoft_mar15/transport/geant4/build/CMakeFiles/CMakeO  
utput.log ".
```

```
make: *** No rule to make target `install'. Stop.
```

```
In: creating symbolic link
```

```
`/home/fioravanti/fairsoft_mar15/buildFairSoft/share/Geant4/data/G4ABLA' : No such file or  
directory
```

```
In: creating symbolic link
```

```
`/home/fioravanti/fairsoft_mar15/buildFairSoft/share/Geant4/data/G4EMLOW ': No such file or  
directory
```

```
In: creating symbolic link
```

```
`/home/fioravanti/fairsoft_mar15/buildFairSoft/share/Geant4/data/G4ENSDF STATE': No such  
file or directory
```

```
In: creating symbolic link
`/home/fioravanti/fairsoft_mar15/buildFairSoft/share/Geant4/data/G4NDL': No such file or
directory
In: creating symbolic link
`/home/fioravanti/fairsoft_mar15/buildFairSoft/share/Geant4/data/G4NEUTR ONXS': No such
file or directory
In: creating symbolic link
`/home/fioravanti/fairsoft_mar15/buildFairSoft/share/Geant4/data/G4PII': No such file or
directory
In: creating symbolic link
`/home/fioravanti/fairsoft_mar15/buildFairSoft/share/Geant4/data/G4SAIDD ATA': No such file
or directory
In: creating symbolic link
`/home/fioravanti/fairsoft_mar15/buildFairSoft/share/Geant4/data/PhotonE vaporation': No such
file or directory
In: creating symbolic link
`/home/fioravanti/fairsoft_mar15/buildFairSoft/share/Geant4/data/Radioac tiveDecay': No such
file or directory
In: creating symbolic link
`/home/fioravanti/fairsoft_mar15/buildFairSoft/share/Geant4/data/RealSur face': No such file or
directory
scripts/install_geant4.sh: line 137:
/home/fioravanti/fairsoft_mar15/buildFairSoft/share/Geant4-10.0.2/geant4
make/geant4make.sh: No such file or directory
*** ERROR: geant4 could not be created.
*** End installation of external packages with Errors***
[1]+ Killed          ./configure.sh
```

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Subject: Re: error in geant4 installation  
Posted by [Elisa Fioravanti](#) on Thu, 23 Apr 2015 18:27:56 GMT  
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Dear all,

sorry but I solved the problem, expat package was missing,  
Thanks

Elisa

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Subject: Re: error in geant4 installation  
Posted by [Florian Uhlig](#) on Fri, 24 Apr 2015 06:45:57 GMT  
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Hi Elisa,

in the FairSoft main directory is the DEPENDENCIES file. In this file all dependencies for the  
different linux systems are listed together with the commands to install all needed packages for  
different linux flavors.

When doing the next installation of FairSoft simply copy the command line into a terminal and install all needed dependencies at once.

Ciao

Florian

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