Subject: fairroot jan12 cannot be built on my Ubuntu 12.04 64 bit [SOLVED]
Posted by MartinJGaluska on Fri, 01 Jun 2012 17:36:02 GMT
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Hello all,

probably, I am doing something wrong, but on my Ubuntu 12.04 64 bit system I cannot build
fairroot jan 12. I called

./configure.sh

from the directory /home/fairroot/jan12 (created with svn co
https://subversion.gsi.de/fairroot/fairsoft/release/jan12) and chose the following options:

1 - GCC
2 - Debug Info
1 - Don't Install
2 - Yes

I then entered /home/fairroot/buildjan12 (I created this folder beforehand and have read+write
permission for it)

The error I get is:

Is /home/fairroot/buildjan12 the correct path?
1) No
2) Yes
3) Quit
Please enter a choice from the above menu: 2
Checking for GNU Make:
dpkg-architecture found in PATH
Checking dpkg-architecture
patch found in PATH
wget found in PATH
Subversion client found in PATH
Checking for
 libX11 ...
/usr/lib/x86_64-linux-gnu
Checking for
 libXpm ...
/usr/lib/x86_64-linux-gnu
Checking for
 libXmu ...
/usr/lib/x86_64-linux-gnu
Checking for
 X11/Xlib.h ...
/usr/include
Checking for
 X11/Xft/Xft.h ...

/usr/include
Checking for
 X11/extensions/shape.h ...
/usr/include
Checking for
 libXft ...
/usr/lib/x86_64-linux-gnu
Checking for
 libXext ...
/usr/lib/x86_64-linux-gnu
Checking for
 GL/gl.h ...
/usr/include
Checking for
 libGL,
 or
 libMesaGL ...
/usr/lib/x86_64-linux-gnu
Checking for
 libGLU,
 or
 libMesaGLU ...
/usr/lib/x86_64-linux-gnu
OpenGL found on this system
C++ compiler found in PATH
*** Compiling the external packages with the GCC compiler
*** Building the libraries with debug information
The following parameters are set.
System   : 64bit
C++ compiler   : g++
C compiler   : gcc
Fortran compiler   : gfortran
CXXFLAGS   : -g -O0
CFLAGS   : -g -O0
Compiler   : gcc
Fortran compiler   : gfortran
Debug   : yes
Optimization   : no
Platform   : linux
Architecture   : linuxx8664gcc
G4System   : Linux-g++
g4_data_files   : no
g4_get_data   : no
Number of parallel
processes for build : 2
cmake not found in PATH
install cmake as external package
*** Package CMake is OK ***
*** Package gtest is OK ***
*** Package glpk is OK ***
*** Package gsl is OK ***
*** Package Boost is OK ***

*** Package ApMon is OK ***
*** Package ml-gsoapclient is OK ***
*** Package Pythia6 is OK ***
*** Package pythia8 is OK ***
*** Package Clhep is OK ***
*** Package Geant4-Source is OK ***
*** Package Geant4-lib is OK ***
*** Package root is OK ***
*** Package pluto is OK ***
*** Compiling Geant3 ....
can't find file to patch at input line 3
Perhaps you used the wrong -p or --strip option?
The text leading up to this was:

|--- Makefile_old 2011-12-15 12:39:43.606586695 +0100
|+++ Makefile 2011-12-15 12:40:16.438643247 +0100

File to patch:
Skip this patch? [y]
Skipping patch.
1 out of 1 hunk ignored
/home/fairroot/buildjan12/bin:/home/fairroot/buildjan12/bin:/home/fairroot/buildjan12/bin:/usr/lib/
lightdm/lightdm:/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:

make: *** No targets specified and no makefile found. Stop.
cp: cannot stat `/home/fairroot/jan12/transport/geant3/lib/tgt_linuxx8664gcc/libgeant321.so': No
such file or directory
cp: cannot stat `/home/fairroot/jan12/transport/geant3/TGeant3/*.h': No such file or directory
**** Checking libraries in /home/fairroot/buildjan12/lib ****
*** ERROR: Geant3 could not be created.
*** End installation of external packages with Errors***

Note that there is no fairroot user on my system. I chose this path, however, because my home
folder is on a separate hard drive and I want fairroot to save its files to the system disk.

Choosing "No" when asked
Quote:
Would you like to install all binaries, libraries etc. to a dedicated directory.
The default is up to now 'No' which means that all created files will be in the
source directories.

I run into the same problem.

Any help would be much appreciated.