
Subject: Problem building external packages Jan12
Posted by [Christian Pauly](#) on Tue, 28 Feb 2012 15:38:06 GMT
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Hi

I tried several times now to compile the recent external-packages, checked out from repository, release/jan12

After an hour or so of compiling i get the error message attached below, obviously there is a problem building the VGM package. (or maybe already building Geant4 ??)

Any idea ?

I checked the prerequisites, but they look fine.

Any idea what is going wrong here ???

Thanks for any help
best regards,

Christian

-----log-----

[...]

TGeant3/TGeant3f77.cxx

TGeant3/TGeant3gu.cxx

TGeant3/TGeant3TGeo.cxx

Generating /common/cbma/users/pauly/software/fairsoft/jan12/transport/geant3/tgt_li
nuxx8664gcc/TGeant3/geant3Cint.cxx

/common/cbma/users/pauly/software/fairsoft/jan12/transport/geant3/tgt_li
nuxx8664gcc/TGeant3/geant3Cint.cxx

Generating /common/cbma/users/pauly/software/fairsoft/jan12/transport/geant3/lib/tg
t_linuxx8664gcc/libgeant321.so

**** Checking libraries in

/common/cbma/users/pauly/software/fairsoft/jan12/transport/geant3/lib ****

*** Geant3 compiled successfully ***

*** Compiling VGM

Patch CMake stuff

-- The C compiler identification is GNU

-- The CXX compiler identification is GNU

-- 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

-- Looking for CLHEP ...

-- Found CLHEP in /common/cbma/users/pauly/software/fairsoft/jan12/cern/clhep/lib

-- Looking for GEANT4 ...

CMake Warning (dev) at CMakeLists.txt:34 (find_package):

A logical block opening on the line

```
/common/cbma/users/pauly/software/fairsoft/jan12/transport/vgm/cmake/FindGeant4.cmake:87 (if)
```

closes on the line

```
/common/cbma/users/pauly/software/fairsoft/jan12/transport/vgm/cmake/FindGeant4.cmake:89 (endif)
```

with mis-matching arguments.

This warning is for project developers. Use `-Wno-dev` to suppress it.

CMake Error at cmake/FindGeant4.cmake:88 (message):

Geant4 required, but not found

Call Stack (most recent call first):

CMakeLists.txt:34 (find_package)

-- Configuring incomplete, errors occurred!

make: *** No targets specified and no makefile found. Stop.

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

*** ERROR: VGM could not be created.

**** Checking libraries in /common/cbma/users/pauly/software/fairsoft/jan12/transport/vgm/lib

scripts/functions.sh: line 233: cd:

/common/cbma/users/pauly/software/fairsoft/jan12/transport/vgm/lib: No such file or directory

*** End installation of external packages with Errors***

Subject: Re: Problem building external packages Jan12

Posted by [Christian Pauly](#) on Tue, 28 Feb 2012 21:02:05 GMT

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I tried the older versions now,
both Feb11 and May11 compile without problems.
The problem only occurs with the latest release.

Noone any ideas ?

Subject: Re: Problem building external packages Jan12

Posted by [Christian Pauly](#) on Thu, 01 Mar 2012 10:29:00 GMT

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I found the problem:

There is a bug in the cmake-script in

fairsoft/transport/vgm/cmake/FindGeant4.cmake

in line 17,

it must be: `${GEANT4_DIR}/bin`

instead of: `$GEANT4_DIR/bin`

The file is unpacked only during installation from
fairsoft/transport/vgm_cmake.tar.gz

After changing that it compiles without further problems.

Subject: Re: Problem building external packages Jan12

Posted by [Florian Uhlig](#) on Fri, 02 Mar 2012 06:37:53 GMT

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Hi Christian,

thanks for reporting the problem. I found the same problem and solution yesterday and fix it already. The newest version from the repository should work now without problems.

Ciao

Florian
