Subject: Problem in installing fairsoft jan12
Posted by Ajay Kumar on Tue, 28 Aug 2012 12:02:28 GMT
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Hi,

I have downloaded the fairsoft (jan12 version)through svn command.
Since Geant4 is downloaded while we are configuring using the command ./Configure.sh.
Somehow it is not downloading GEANT4 and giving error (see attached file).

After that I downloaded all those files directly from the
http://geant4.cern.ch/support/source and kept it in "transport" directory.
But I was not able to install either way.

What is the solution?

Ajay

File Attachments
1) error, downloaded 296 times

Subject: Re: Problem in installing fairsoft jan12
Posted by Florian Uhlig on Tue, 28 Aug 2012 12:19:24 GMT
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Hi Ajay,

this is not a error message where you have to choose the compiler you want to use. After this
menu there are more questions to be answered. Only after this step the compilation of the
external packages will start.

Ciao

Florian

Subject: Re: Problem in installing fairsoft jan12
Posted by Ajay Kumar on Tue, 28 Aug 2012 13:25:51 GMT
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Hi..Florian

    Sorry. I forgot to attach whole file. I have attached complete error file now so you can see.

Regards
Ajay

Subject: Re: Problem in installing fairsoft jan12
Posted by Ajay Kumar on Tue, 28 Aug 2012 14:05:49 GMT
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Hi..Florian

Sorry. I forgot to attach whole file. I have attached complete error file now so you can see.

Regards
Ajay

Subject: Re: Problem in installing fairsoft jan12
Posted by Florian Uhlig on Tue, 28 Aug 2012 14:09:06 GMT
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Hi Ajay,

unfortunately with the new version of Geant4 it isn't possible to simply copy the files to geant4 source directory. The geant4 installation process always tries to download the files from the web server.

The solution for you is to switch of the automatic installation of the geant4 data files and download them as you already did. After this step you have to copy them to the right position and unpack them.

Since you don't install the external packages into an installation directory you have to create the following directory in the geant4 directory

mkdir   share/Geant4/data

Move the downloaded data files into this directory and unpack them. This should do the job.

Ciao

Florian

Subject: Re: Problem in installing fairsoft jan12
Posted by Ajay Kumar on Sat, 01 Sep 2012 15:47:01 GMT

Hi Florian
     Thank you very much for your quick reply.

     But still Something is not clear to me from your last reply.

     Q. how to switch of the automatic installation of the geant4 data files ?
     I have tried to do that after switch off the geant4 file inside the ./configure.sh but again same error is coming.

     Again I have done as you told me and tried with both the options with internet & Directory but same error is appearing.
 I am attaching here error file which are coming from both the way.Plz see them & kindly tell me what I have to do.

Thanks & Regards
Ajay

File Attachments
1) errorGeant4, downloaded 245 times

Subject: Re: Problem in installing fairsoft jan12
Posted by Ajay Kumar on Tue, 04 Sep 2012 11:08:25 GMT

Hi,
I was trying to geant4 in both ways.

I have seen that in configure.sh following two scripts
for installation geant4 (one is commented).

if ["$check" = "1"];
then
  source scripts/install_geant4.sh
source scripts/install_geant4_includes.sh
fi

#################### GEANT 4 Data
##

#if ["$check" = "1" -a "$geant4_data_files" = "yes"];
#then
source scripts/install_geant4_data.sh
#fi

If I uncomment the later one, then it is downloading through wget.
 Can I use the then " install_geant4_data.sh"?

or If someone tell me how the downloading is done in install_geant4.sh? I could not understand from the code.

Help is needed.

ajay

Subject: Re: Problem in installing fairsoft jan12
Posted by Florian Uhlig on Tue, 04 Sep 2012 11:27:22 GMT
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Hi Ajay,

how fast you need the solution? If you have some more days you can use the new version of the external packages where the problem is fixed.

I expect that the old solution with wget will not work in your case. If it works you can try to use this version.

The Geant4 installation process is since version 9.4.0 downloading the data files automatically so our old installation scheme of the data files is not needed any longer and thus commented.

Ciao

Florian

Subject: Re: Problem in installing fairsoft jan12
Posted by Ajay Kumar on Tue, 04 Sep 2012 12:17:49 GMT
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Hi,
Sorry to disturb you again and again.
I have following doubts.

Automatic downloading through internet -

I have problem in automatic downloading. Like earlier I was trying through wget, it was not working. Then I had given path to .wgetrc file and now wget working in my pc.

Similarly now for automatic downloading - what do I have to do in my pc that it works?

That is not clear to me.

Using Directory -

I have downloaded the following files -
G4ABLA.3.0.tar.gz
G4EMLOW.6.23.tar.gz
G4NDL.4.0.tar.gz
G4NEUTRONXS.1.1.tar.gz

going to the CERN website. Then I have kept above files in
~/fairsoft/transport/geant4/share/Geant4/data

Then I did untar.

Next I have used option 3 (directory) while configuring. Still I could not do it.

I cant wait because I have deleted my older version also from my pc.

Please give some solution or some alternative.

Subject: Re: Problem in installing fairsoft jan12
Posted by Florian Uhlig on Tue, 04 Sep 2012 12:53:56 GMT
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Hi Ajay,

can you please try to set the following environment variable before you run the configure script
where host and port has to be set according to your proxy.

export http_proxy="http://host:port"

The problem with geant4 is that the first configuration which was created by cmake is
not overridden when you run a second time. To force geant4 to run cmake again you have to
remove the CMakeCache.txt in directory transport/geant4/build. If yon now run configure.sh
again with different settings they should be accepted by geant4.

Before you do that please try setting the environment variable first.

Ciao

Florian

Subject: Re: Problem in installing fairsoft jan12
Posted by Ajay Kumar on Thu, 06 Sep 2012 15:29:43 GMT
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Hello Florian,

I have done proxy setting inside the configure script and removed the CMakeCache.txt in directory transport/geant4/build.then I run configure.sh again but still am getting the same error.

Now I have tried with new release (sep12),again my system could not download the geant4 data files through Internet option.same error (vgm could not be created) was coming.
Then I went through directory option,I have download all the geant4 files from the given link in the INSTALL file and put & unpack them inside the transport directory.also create the separate directory for installation named as fairroot.
Then I run configure.sh again and finaly I was able to install external packages without errors.

But When I checked for root than somehow it is giving following error:-

Couldn't find font "-adobe-helvetica-medium-r-*-*-10-*-*-*-*-*-iso8859-1",
trying "fixed". Please fix your system so helvetica can be found,
this font typically is in the rpm (or pkg equivalent) package
XFree86-[75,100]dpi-fonts or fonts-xorg-[75,100]dpi.
/home/ajay/fairroot/bin/root.exe: error while loading shared libraries: libCore.so.5.34: cannot open shared object file: No such file or directory

Then I started script again but still same error is there.
but if I will configure root separately inside the ~/fairsoft/tools/root/ then root works fine.

Again needed your help

Thanks in advance

Subject: Re: Problem in installing fairsoft jan12
Posted by Ajay Kumar on Fri, 07 Sep 2012 05:48:40 GMT
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Hi Florian,

Sorry,Now It is solved. I did not set environment variable properly.I was setting host & port without username & password inside the configure.sh. after making following setting in my .bashrc I am able to install without any errors.

export http_proxy="http://username:password@host:port"

Thank you very much

Subject: Re: Problem in installing fairsoft jan12
Posted by Florian Uhlig on Fri, 07 Sep 2012 07:29:03 GMT
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Hi Ajay,

Good to know that one can define the proxy as you did. I think you have been the first one with this problem.

Is now everything working or do you have still problems with Root?

Ciao

Florian

Subject: Problem in the installation of fairsoft sep12
Posted by Ajay Kumar on Sun, 09 Sep 2012 20:10:13 GMT
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Hi Florian,

   Everything is working fine with fairsoft jan12 on my ubentu 12.04 desktop now.but I was trying to install side by side fairroot sep12 version on my machine by creating another user,I saw everything goes fine without any error but as earlier I reported problem with root. it is still there.

Is it problem in my system or with this new version sep12?

Plz have a look.

Installation Directory: /home/ajay2/buildsep12
Found cmake version 2.8.9 which is newer than the
required version 2.8.6 in PATH
This version is okay. Don't install cmake as external package.
-- Found Subversion: /usr/bin/svn (found version "1.6.17")
-- FairSoft Revision - 17025 Branch - https://subversion.gsi.de/fairroot/fairsoft/release/sep12
-- Configuring done
-- Generating done
-- Build files have been written to: /home/ajay2/sep12/build
*** 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 Geant4-Source is OK ***
*** Package Geant4-lib is OK ***
*** Package root is OK ***
*** Package pluto is OK ***

*** Package Geant3 is OK ***

*** Package VGM is OK ***

*** Package Geant4_VMC is OK ***

*** End installation of external packages without Errors***

Error is this :-

ajay2@panda:~$ root

Couldn't find font "-adobe-helvetica-medium-r-*-*-10-*-*-*-*-*-iso8859-1",

trying "fixed". Please fix your system so helvetica can be found,

this font typically is in the rpm (or pkg equivalent) package

XFree86-[75,100]dpi-fonts or fonts-xorg-[75,100]dpi.

/home/ajay2/buildsep12/bin/root.exe: error while loading shared libraries: libCore.so.5.34:

cannot open shared object file: No such file or directory

Thankyou