Subject: FairRoot installation error
Posted by C. A. Douma on Fri, 12 Oct 2018 13:57:55 GMT
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I am trying to install the newest versions of FairSoft and FairRoot, so I can use the newest version of R3BRoot.
FairSoft went OK, but FairRoot does not work. Can anyone help me?

Christiaan Douma.

File Attachments
1) cmake_log.txt, downloaded 516 times
2) make_log.txt, downloaded 567 times

Subject: Re: FairRoot installation error
Posted by Dmytro Kresan on Sun, 14 Oct 2018 04:32:41 GMT
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It looks like something went wrong with the Boost installation in FairSoft.

Please specify the version of FairSoft you have installed and upload the installation log.

Best regards,
Dima

Subject: Re: FairRoot installation error
Posted by C. A. Douma on Mon, 15 Oct 2018 08:21:31 GMT
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Dear dr. Kresan,

Here is my FairSoft installation log.
I downloaded this version of FairSoft last Thursday from GitHub.
I used the dev-branch.

Christiaan.

File Attachments
1) FairSoft_Log.txt, downloaded 401 times

Subject: Re: FairRoot installation error
Posted by Dmytro Kresan on Mon, 15 Oct 2018 09:52:32 GMT
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Can you try with "may18" release instead of dev branch for FairSoft?

Subject: Re: FairRoot installation error
Posted by C. A. Douma on Mon, 15 Oct 2018 14:16:18 GMT
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I have tried the other FairSoft release and I still get the boost error.

Christiaan.

File Attachments
1) FairRoot_Log.txt, downloaded 395 times

Subject: Re: FairRoot installation error
Posted by Dmytro Kresan on Tue, 16 Oct 2018 07:05:45 GMT
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It can be that the cmake version 3.10 you are using is too old. In the may18 release cmake 3.11.1 is the requirement.

Try following:

export PATH=/home/christiaan/Desktop/FAIR/FairSoft_NewBuild/bin':'$PATH

and than call cmake of FairRoot

Subject: Re: FairRoot installation error
Posted by C. A. Douma on Tue, 16 Oct 2018 10:14:42 GMT
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After the FairSoft installation has ended without errors, I added

export SIMPATH=/home/christiaan/Desktop/FAIR/FairSoft_NewBuild/
export PATH=$PATH:$SIMPATH/bin/
export LD_LIBRARY_PATH=$LD_LIBRARY_PATH:$SIMPATH/lib/:$SIMPATH/lib/root/

To my .bashrc file. Then, I closed all terminals and re-opened one
to begin the FairRoot installation. This re-loaded .bashrc

I already have done the above procedure for all attempts to install FairRoot.
It was unsuccessful.

I am using ubuntu 18.04 LTS for the installation.

Christiaan.

Subject: Re: FairRoot installation error
Posted by Dmytro Kresan on Tue, 16 Oct 2018 11:02:07 GMT
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What is the output of command:

which cmake

Subject: Re: FairRoot installation error
Posted by C. A. Douma on Tue, 16 Oct 2018 11:49:12 GMT
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christiaan@christiaan-Z230:~$ which cmake
/usr/bin/cmake
christiaan@christiaan-Z230:~$

Subject: Re: FairRoot installation error
Posted by C. A. Douma on Tue, 16 Oct 2018 11:52:17 GMT
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christiaan@christiaan-Z230:~$ which cmake
/usr/bin/cmake
christiaan@christiaan-Z230:~$ cmake --version
cmake version 3.10.2

CMake suite maintained and supported by Kitware (kitware.com/cmake).
christiaan@christiaan-Z230:~$

So you might be right. I need to change the default cmake to the one in the FairSoft Build.

Subject: Re: FairRoot installation error
Posted by C. A. Douma on Tue, 16 Oct 2018 13:06:06 GMT
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Dear Mr. Kresan,

I had in my .bashrc first:

export PATH=$PATH:$SIMPATH/bin/
export LD_LIBRARY_PATH=$LD_LIBRARY_PATH:$SIMPATH/lib/:$SIMPATH/lib/root/

which I now changed to:

export PATH=$SIMPATH/bin/:$PATH
export LD_LIBRARY_PATH=$SIMPATH/lib/:$SIMPATH/lib/root/:$LD_LIBRARY_PATH

It turned out that 'which cmake' points to the first cmake that is found in PATH.
After flipping the order, 'which cmake' pointed to the FairSoft Build:

christiaan@christiaan-Z230:~$ which cmake
/home/christiaan/Desktop/FAIR/FairSoft_Build//bin//cmake
christiaan@christiaan-Z230:~$ cmake --version
cmake version 3.11.1
CMake suite maintained and supported by Kitware (kitware.com/cmake).
christiaan@christiaan-Z230:~$

Afterwards, I had no problems installing the lastest dev-branches of
FairSoft, FairRoot and R3BRoot.

So thank you very much for your help.

Christiaan.