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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

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1) [cmake\\_log.txt](#), downloaded 294 times

2) [make\\_log.txt](#), downloaded 346 times

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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

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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

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1) [FairSoft\\_Log.txt](#), downloaded 207 times

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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?

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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

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1) [FairRoot\\_Log.txt](#), downloaded 202 times

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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

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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.

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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
```

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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:~$
```

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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](http://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.

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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 latest dev-branches of  
FairSoft, FairRoot and R3BRoot.

So thank you very much for your help.

Christiaan.