

Dear all,

I wa trying to install the latest version of CBM simulation software in ubuntu 16.04. While FAIRSOFT and FAIRROOT could be installed successfully, an error occured in the intallation of CBMROOT. Error messages are given below It would be a great help if someone helps me to sort out the issue.

Error messages:

```
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= =====
```

1.

```
FSOFTVER: may16p1
FROOTVER: v-16.06b
number of parameters: 3
Install Fairsoft: 0
Install Fairroot: 0
Install Cbmroot : 1
```

Setting up Cbmroot ...

SIMPATH before:

SIMPATH now : /home/somen/cbmsoft/cbmroot/fairsoft_may16p1_root5/installation

FAIRROOTPATH: /home/somen/cbmsoft/cbmroot/fairroot_v-16.06b-fairsoft_may16p1_root5

Updating 'fieldmaps':

At revision 11694.

```
-- The C compiler identification is GNU 5.4.0
-- The CXX compiler identification is GNU 5.4.0
-- 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
-- Detecting C compile features
-- Detecting C compile features - 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
-- Detecting CXX compile features
-- Detecting CXX compile features - done
-- NOT Found FAIRBASE
-- Setting FairRoot environment...
```

```
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= =====
```

2.

```
/home/somen/cbmsoft/cbmroot/JUN16/field/CbmFieldCreator.cxx: In member function 'virtual
FairField* CbmFieldCreator::createFairField()':
/home/somen/cbmsoft/cbmroot/JUN16/field/CbmFieldCreator.cxx:65:25: error: no matching
function for call to 'FairField::Print()'
    fMagneticField->Print();
    ^
```

```
In file included from /home/somen/cbmsoft/cbmroot/JUN16/field/CbmFieldConst.h:22:0,
    from /home/somen/cbmsoft/cbmroot/JUN16/field/CbmFieldCreator.cxx:4:
/home/somen/cbmsoft/cbmroot/fairroot_v-16.06b-fairsoft_may16p1_root5/inc
lude/FairField.h:131:19: note: candidate: virtual void Fairfield::Print(Option_t*) const
    virtual void Print(Option_t*) const {}
    ^
```

```
/home/somen/cbmsoft/cbmroot/fairroot_v-16.06b-fairsoft_may16p1_root5/inc
lude/FairField.h:131:19: note: candidate expects 1 argument, 0 provided
field/CMakeFiles/CbmField.dir/build.make:294: recipe for target
'field/CMakeFiles/CbmField.dir/CbmFieldCreator.cxx.o' failed
make[2]: *** [field/CMakeFiles/CbmField.dir/CbmFieldCreator.cxx.o] Error 1
CMakeFiles/Makefile2:1245: recipe for target 'field/CMakeFiles/CbmField.dir/all' failed
make[1]: *** [field/CMakeFiles/CbmField.dir/all] Error 2
make[1]: *** Waiting for unfinished jobs....
```

```
=====
= =====
```

3.

```
[ 14%] Building CXX object data/CMakeFiles/CbmData.dir/G__CbmDataDict.cxx.o
/home/somen/cbmsoft/cbmroot/JUN16/build/data/G__CbmDataDict.cxx: In function 'int
G__G__CbmDataDict_967_0_16(G__value*, const char*, G__param*, int)':
/home/somen/cbmsoft/cbmroot/JUN16/build/data/G__CbmDataDict.cxx:23344:90 : warning:
'Int_t CbmTofHit::GetRefId() const' is deprecated [-Wdeprecated-declarations]
    G__letint(result7, 105, (long) ((const CbmTofHit*) G__getstructoffset())->GetRefId());
    ^
```

```
In file included from
/home/somen/cbmsoft/cbmroot/JUN16/build/data/G__CbmDataDict.h:85:0,
    from /home/somen/cbmsoft/cbmroot/JUN16/build/data/G__CbmDataDict.cxx:17:
/home/somen/cbmsoft/cbmroot/JUN16/data/tof/CbmTofHit.h:70:9: note: declared here
    Int_t GetRefId() const __attribute__((deprecated)) { return -1; }
    ^
```

```
[ 15%] Linking CXX shared library ../lib/libCbmData.so
```

```
[ 15%] Built target CbmData
```

```
Makefile:138: recipe for target 'all' failed
```

```
make: *** [all] Error 2
```

```
In: failed to create symbolic link './field_v12a.root': File exists
```

```
In: failed to create symbolic link './field_v12b.root': File exists
```

```
In: failed to create symbolic link './field_v16a.root': File exists
```

```
done installing CbmRoot
```

```
. build/config.sh
```

```
export SIMPATH=/home/somen/cbmsoft/cbmroot/fairsoft_may16p1_root5/installation
```

```
export FAIRROOTPATH=/home/somen/cbmsoft/cbmroot/fairroot_v-16.06b-fairsoft_may1
```

6p1_root5

=====

Thanking you so much in anticipation.

Somen

Subject: Re: Error in installation of CBM ROOT using auto-install command
Posted by [Florian Uhlig](#) on Wed, 24 May 2017 07:57:06 GMT

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Hi Somen,

I wonder how you come to the versions of CbmRoot, FairRoot, and FairSoft you use in the autoinstall script. Since you try to compile CbmRoot JUN16 release the versions defined in the script are FairSoft nov15p6 and FairRoot v-15.11e. For your compilation you use FairSoft may16p1 and FairRoot v-16.06b which are the versions used for the trunk version of CbmRoot.

The CbmRoot release JUN16 will not work with the latests FairSoft and FairRoot versions. There have been many changes which are incompatible with the CbmRoot release JUN16. Beside the error you encounter already there are many more problems.

Either use

> FairSoft nov15p6 and FairRoot v-15.11e with CbmRoot JUN16

or

> FairSoft may16p1 and FairRoot v-16.06b with CbmRoot trunk

A mixture of both will not work.

Ciao

Florian

Subject: Re: Error in installation of CBM ROOT using auto-install command
Posted by [Buddhadeb Bhattacharjee](#) on Wed, 24 May 2017 10:15:44 GMT

Hi Uhlig,

Thank you for your reply.

I have changed the versions in 'autoinstall_framework.sh' file, which is under the source directory. Earlier I was tried to install the simulation software using default versions(fairsoft:: nov15p6 and fairroot:: v-15.11e), but error was occurred at the time of fairsoft installation (using command:: autoinstall_framework.sh 1). The error message is given below.

Error message:

```
=====
= =====
processes for build : 4
Installation Directory: /home/somen/cbmsoft/cbmroot/fairsoft_nov15p6_root5/installation
Found cmake version 3.5.1 which is newer than the
required version 3.1.0 in PATH
This version is okay. Don't install cmake as external package.
*** Unpacking gtest-1.7.0.zip .....
--E-- Cannot unpack package gtest
done installing FairSoft

=====
= =====
```

Thanking you with appreciation.

Somen

Subject: Re: Error in installation of CBM ROOT using auto-install command
Posted by [Buddhadeb Bhattacharjee](#) on Sat, 27 May 2017 07:45:34 GMT
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Please someone give the hints to sort out the problem.

Thanking you.

Somen

Subject: Re: Error in installation of CBM ROOT using auto-install command
Posted by [Florian Uhlig](#) on Sat, 27 May 2017 13:17:13 GMT

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Hi,

please try to use fairsoft::nov15p6 and fairroot::v-15.11e. fairsoft::nov15p6 is a patch which solves your problem with gtest.

Ciao

Florian

Subject: Re: Error in installation of CBM ROOT using auto-install command
Posted by [Florian Uhlig](#) on Tue, 06 Jun 2017 07:19:13 GMT

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There was a typo in my last answer. Sorry for that. The correct versions are

fairsoft::nov15p7

and

fairroot::v-15.11e.
