
Subject: Installing dec17 with svn and git

Posted by [Walter Ikegami Andersson](#) on Thu, 15 Feb 2018 11:14:01 GMT

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Hello everyone,

I'm trying to install pandaroot release dec17 both with the new installation method with git and in the old way with svn. I am using fairsoft_oct17p1 and FairRoot-17.10b.

First of all, on the computing wiki installation page, should one actually use fairsoft_may16p1 when installing the release? Or should it be fairsoft_oct17?

Second, when I try to compile with make, I get the following error:

CMake Error at

/data/buildFairRoot-17.10b/share/fairbase/cmake/modules/GenerateVersionInfo.cmake:32
(include):

include could not find load file:

/home/walan603/workspace/builddec17svn/FairRootConfigVersion.cmake

make[2]: *** [svnheader] Error 1

make[1]: *** [CMakeFiles/svnheader.dir/all] Error 2

make: *** [all] Error 2

If I copy the FairRootConfigVersion.cmake file from the FairRoot build folder to the pandaroot build folder, then it compiles. But this feels kind of sketchy...

Third, when I try to install pandaroot by checking out the project from git, I see that the pandaroot/external/vc is empty (if I checkout from svn, this folder is filled with stuff). Running cmake ../pandaroot gives following error:

CMake Error at

/data/fairsoft_oct17p1/buildFairSoft/share/cmake-3.9/Modules/ExternalProject.cmake:2010
(message):

No download info given for 'vc' and its source directory:

/home/walan603/workspace/dec17git/external/vc

is not an existing non-empty directory. Please specify one of:

- * SOURCE_DIR with an existing non-empty directory
- * URL
- * GIT_REPOSITORY
- * HG_REPOSITORY
- * CVS_REPOSITORY and CVS_MODULE
- * SVN_REVISION
- * DOWNLOAD_COMMAND

Call Stack (most recent call first):

/data/fairsoft_oct17p1/buildFairSoft/share/cmake-3.9/Modules/ExternalProject.cmake:2565
(_ep_add_download_command)
external/CMakeLists.txt:13 (ExternalProject_Add)

How do I proceed?

Walter

Subject: Re: Installing dec17 with svn and git
Posted by [Ralf Kliemt](#) on Thu, 15 Feb 2018 11:31:18 GMT
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Hi Walter,

Issue1:

This is strange. The only obvious thing I can think of is a bad SIMPATH or FAIRROOTPATH setting.

Issue2:

It is on purpose that externals/vc is empty on git, because we want to download it from the original source. I applied a hotfix to the master branch some days ago. Did you clone recently or before the hotfix?

Cheers!
Ralf

Subject: Re: Installing dec17 with svn and git
Posted by [Ralf Kliemt](#) on Thu, 15 Feb 2018 12:04:46 GMT
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Hi Walter,

Florian contacted me and I have put a hotfix to the master and dev branches to solve issue 1. Please rebase.

Cheers!
Ralf

Subject: Re: Installing dec17 with svn and git
Posted by [Walter Ikegami Andersson](#) on Thu, 15 Feb 2018 13:26:27 GMT
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Hello Ralf,

thanks for the quick reply. I cloned pandaroot two days ago. Now, with the hotfixes in the master and dev branches, pandaroot master compiles.

But what about the dec17 tag? I don't see the hotfixes in the dec17 tag and if I git checkout -b dec17 dec17 and then compile, I still have the same issue as before. If I checkout pandaroot master, compile it, then git checkout dec17, then the dec17 compiles since the external/vc files were downloaded during the compilation of master and switching to dec17 does not remove those files.

Should the hotfixes be implemented into the dec17 tag as well?

Cheers,
Walter

Subject: Re: Installing dec17 with svn and git
Posted by [Walter Ikegami Andersson](#) on Thu, 15 Feb 2018 13:30:04 GMT
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I forgot to mention, the first issue occurred when I tried to compile the dec17 release from svn...

And is it fairsoft_oct17p1 that should be used for pandaroot dec17 release? And not may16p1 as suggested in the computing wiki?

Cheers,
Walter

Subject: Re: Installing dec17 with svn and git
Posted by [Ralf Kliemt](#) on Thu, 15 Feb 2018 13:40:15 GMT
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Ok,

I made the tag dec17p1 for the updated master.

We found some discrepancies between root 6.08 and 6.10, hence we still recommend may16p1 for simulation/reconstruction. When we get the fix on root available, the recommendation will change.

Please simulate with may16p1!

Cheers!
Ralf

Subject: Re: Installing dec17 with svn and git
Posted by [Walter Ikegami Andersson](#) on Thu, 15 Feb 2018 15:13:14 GMT
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Hello Ralf,

thank you for the new dec17p1 tag!

Just to point out, fairsoft_may16p1 comes with cmake version 3.3.2, and FairRoot_v17.10b requires cmake version 3.9.4.

Cheers,
Walter

Subject: Re: Installing dec17 with svn and git
Posted by [Markus Moritz](#) on Mon, 09 Apr 2018 11:41:02 GMT
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I have the same problem with installing PANDARoot.

How can i get the dec17p1 version?

SVN tells me:
URL 'https://subversion.gsi.de/fairroot/pandaroot/release/dec17p1' doesn't exist

Git says to me:
'The requested URL returned error: 401 Unauthorized while accessing
https://pandaatfair.github.io/PandaRootGroup/PandaRoot.git/info/refs'

Subject: Re: Installing dec17 with svn and git
Posted by [Tobias Stockmanns](#) on Mon, 09 Apr 2018 12:18:48 GMT
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Hallo Markus,

der Grund weshalb es im SVN nicht geht ist einfach. Dort gibt es dieses Release nicht.

Für den Download from GIT-Repository brauchst Du einen Account auf pandaatfair, den Du bis eben noch nicht hattest.
Lies dir bitte die Anleitung über die Verwendung von git auf der PandaRoot-wiki-Seite durch.

Liebe Grüße

Tobias

Subject: Re: Installing dec17 with svn and git
Posted by [Markus Moritz](#) on Tue, 10 Apr 2018 14:00:48 GMT
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```
git clone https://pandaatfair.github.io/PandaRootGroup/PandaRoot.git ./pandaroot
```

```
git checkout -b dec17p1 dec17p1 liefert mir nun:
```

```
"fatal: 'dec17p1' is not a commit and a branch 'dec17p1' cannot be created from it"
```

Subject: Re: Installing dec17 with svn and git
Posted by [Tobias Stockmanns](#) on Tue, 10 Apr 2018 14:10:16 GMT
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Try to use

```
git checkout -b tags/dec17p1 dec17p1
```

Cheers,

Tobias

Subject: Re: Installing dec17 with svn and git
Posted by [Markus Moritz](#) on Tue, 10 Apr 2018 14:21:17 GMT
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Hi Tobias,

unfortunately same error here.

```
fatal: 'dec17p1' is not a commit and a branch 'tags/dec17p1' cannot be created from it
```

Any further recommendations?

See you
Markus

Subject: Re: Installing dec17 with svn and git
Posted by [Tobias Stockmanns](#) on Tue, 10 Apr 2018 14:33:56 GMT
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Very strange. I tested it and for me it works smoothly.

Try to run

```
git fetch --tags
```

Cheers,

Tobias

Subject: SOLVED Installing dec17 with svn and git
Posted by [Tobias Stockmanns](#) on Wed, 11 Apr 2018 07:29:24 GMT
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The problem was, that git was called in the wrong directory.
You have to change into the PandaRoot directory and call git within that directory.
