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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

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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

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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

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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

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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

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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

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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

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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'

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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

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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"

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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

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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

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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

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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.

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