
Subject: New PandaRoot release mar14
Posted by [StefanoSpataro](#) on Wed, 02 Apr 2014 09:25:57 GMT
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Dear all,

A new pandaroot release mar14 is born, from svn version 24281. This contains all the recent bugs fixed and the improved fast simulation framework. Please use this for the fast simulation campaign.

In order to download it:

svn co <https://subversion.gsi.de/fairroot/pandaroot/release/mar14>

Subject: Re: New PandaRoot release mar14
Posted by [Yuri Naryshkin](#) on Wed, 30 Apr 2014 13:07:10 GMT
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Dear Stefano,

I try to install march version on lenny64 in my home dir:

```
. rootlogin 534-03
export SIMPATH=/misc/cbmsoft/Lenny64/mar14/
```

```
svn co https://subversion.gsi.de/fairroot/pandaroot/release/mar14 pandaroot
```

```
cd pandaroot
mkdir buildPanda
cd buildPanda
cmake ../
```

But I've got an error:

```
naryshk@lxi047:~/pandaroot_apr2014/pandaroot/buildPanda $ cmake ../
-- The C compiler identification is GNU
-- The CXX compiler identification is GNU
-- 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
-- Check for working CXX compiler: /usr/bin/c++
-- Check for working CXX compiler: /usr/bin/c++ -- works
-- Detecting CXX compiler ABI info
-- Detecting CXX compiler ABI info - done
-- The Fortran compiler identification is GNU
-- Check for working Fortran compiler: /usr/bin/gfortran
-- Check for working Fortran compiler: /usr/bin/gfortran -- works
-- Detecting Fortran compiler ABI info
-- Detecting Fortran compiler ABI info - done
-- Checking whether /usr/bin/gfortran supports Fortran 90
-- Checking whether /usr/bin/gfortran supports Fortran 90 -- yes
```

```
-- Found FAIRBASE
CMAKE_Fortran_COMPILER full path: /usr/bin/gfortran
Fortran compiler: gfortran
Set BuildType DEBUG
--- Found a Linux system
--- Found GNU compiler collection
--- Build Type: Debug
--- Compiler Flags:
-- Looking for Root...
-- Looking for Root... - Found
/usr/local/pub/debian5.0/x86_64/gcc432-11/rootmgr/534-03/bin/root
-- Looking for Root... - Found version is 5.34/03
-- Looking for Pluto...
CMake Error at cmake/modules/FindPLUTO.cmake:45 (message):
  Looking for Pluto... - Not found
Call Stack (most recent call first):
  CMakeLists.txt:117 (find_package)
```

-- Configuring incomplete, errors occurred!

Something wrong with the settings?
Yuri.

Subject: Re: New PandaRoot release mar14
Posted by [Stefano Spataro](#) on Wed, 30 Apr 2014 13:12:08 GMT
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You should use apr13 external packages, and not mar14.

Subject: Re: New PandaRoot release mar14
Posted by [Yuri Naryshkin](#) on Wed, 30 Apr 2014 13:22:30 GMT
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I try to proceed:

```
. rootlogin 534-03
export SIMPATH=/misc/cbmsoft/Lenny64/apr13/
```

```
svn co https://subversion.gsi.de/fairroot/pandaroot/release/mar14 pandaroot
```

```
cd pandaroot
mkdir buildPanda
cd buildPanda
cmake ../
```

But still:

```
naryshk@lxi035:~/pandaroot_apr2014/pandaroot/buildPanda $ cmake ../
-- The C compiler identification is GNU
-- The CXX compiler identification is GNU
-- 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
-- Check for working CXX compiler: /usr/bin/c++
-- Check for working CXX compiler: /usr/bin/c++ -- works
-- Detecting CXX compiler ABI info
-- Detecting CXX compiler ABI info - done
-- The Fortran compiler identification is GNU
-- Check for working Fortran compiler: /usr/bin/gfortran
-- Check for working Fortran compiler: /usr/bin/gfortran -- works
-- Detecting Fortran compiler ABI info
-- Detecting Fortran compiler ABI info - done
-- Checking whether /usr/bin/gfortran supports Fortran 90
-- Checking whether /usr/bin/gfortran supports Fortran 90 -- yes
-- Found FAIRBASE
CMAKE_Fortran_COMPILER full path: /usr/bin/gfortran
Fortran compiler: gfortran
Set BuildType DEBUG
--- Found a Linux system
--- Found GNU compiler collection
--- Build Type: Debug
--- Compiler Flags:
-- Looking for Root...
-- Looking for Root... - Found
/usr/local/pub/debian5.0/x86_64/gcc432-11/rootmgr/534-03/bin/root
-- Looking for Root... - Found version is 5.34/03
-- Looking for Pluto...
CMake Error at cmake/modules/FindPLUTO.cmake:45 (message):
  Looking for Pluto... - Not found
Call Stack (most recent call first):
  CMakeLists.txt:117 (find_package)

-- Configuring incomplete, errors occurred!
```

Subject: Re: New PandaRoot release mar14
Posted by [Stefano Spataro](#) on Wed, 30 Apr 2014 13:25:12 GMT
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I saw that the more recent external packages are not installed at GSI.
But you are using the wrong machine (lenny), you should use some hpc machines.

Subject: Re: New PandaRoot release mar14
Posted by [Yuri Naryshkin](#) on Wed, 30 Apr 2014 13:27:49 GMT
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this is new for me, what is the host name to login:
hpc.gsi.de ?

Subject: Re: New PandaRoot release mar14
Posted by [Stefano Spataro](#) on Wed, 30 Apr 2014 13:29:52 GMT
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Check here.

Subject: Re: New PandaRoot release mar14
Posted by [Yuri Naryshkin](#) on Wed, 30 Apr 2014 19:26:55 GMT
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Thank you Stefano, It's working now! Only one thing I could not understand, what is the reason for:

adapt the line `./path/to/your/current/build/config.sh` which sources your current `config.sh` in the job script files (`job_prod.sge`, `job_prod_pgun.sge`, and `job_ana.sge`)

Is it for running of PANDARoot?

Subject: Re: New PandaRoot release mar14
Posted by [Stefano Spataro](#) on Wed, 30 Apr 2014 20:58:17 GMT
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`config.sh` is the script which loads the pandaroot environment.

Subject: Re: New PandaRoot release mar14
Posted by [Klaus Götzen](#) on Thu, 01 May 2014 18:50:19 GMT
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Hi,

this is only necessary if you want to submit jobs to the cluster Prometheus from a GSI linux machine. For 'normal' running you don't need to adapt the files.

Best,
Klaus

Subject: Re: New PandaRoot release mar14
Posted by [Yuri Naryshkin](#) on Fri, 02 May 2014 11:05:54 GMT
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Hi Klaus, Thank you! Yuri.
