
Subject: New version of the external packages "apr 13"

Posted by [Mohammad Al-Turany](#) on Fri, 05 Apr 2013 10:07:42 GMT

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New version of the external packages "apr 13" is available:

New Packages are introduce:

testØMQ 3.2.2
testMillepede-II V04-00-01
testHepMC 2.06.09

updated packages:

CMAKE 2.10.2
BOOST 1.53.0
ROOT 5.34.5
Geant 4 9.6.1
Geant 3.21 v1-15
Geant4_VMC v2-14a
VGM v3-06
PYTHIA 8 8175

These packages have not been changed compared to the sep12 release:

GSL 1.15
GLPK 4.39
GTEST 1.6.0
PLUTO 5.37
PYTHIA 6 6416
Application Monitoring API for C++ 2.2.7
MonALISA Web Service Client (using gsoap) 2.7.10

The release was tested on:

MAC OS X 10.6.x with gcc 4.2.1 (64 bit)
MAC OS X 10.7.x with gcc (64 bit)
MAC OS X 10.8.x with llvm-gcc 4.2 and gfortran-4.7 from hpc.sourceforge.net (64 bit)
MAC OS X 10.8.x with clang 4.0 and gfortran-4.7 from hpc.sourceforge.net (64 bit)
Suse 12.1 with gcc 4.6.2 (32 and 64 bit)
Suse 12.2 with gcc 4.7.1 (32 and 64 bit)
Fedora 17 with gcc 4.7.0 (32 and 64 bit)
Fedora 17 with gcc 4.7.2 (64 bit)
Ubuntu 12.04 with gcc 4.6.3 (32 and 64 bit)
Ubuntu 12.10 with gcc 4.7.2 (64 bit)
Debian Squeeze with gcc 4.4.5 (64 bit)

Debian wheezy with gcc 4.7.2 (64 bit)

The release can be downloaded from SVN:
svn co <https://subversion.gsi.de/fairroot/fairsoft/release/apr13>

Subject: Re: New version of the external packages "apr 13"
Posted by [Andrey Lebedev](#) on Tue, 07 May 2013 12:24:09 GMT
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Hello,

I just installed apr13 external packages on MacOS 10.8.3.
I used gfortran 4.8.1 from hpc.sourceforge.net.
For transport TGeant3 was used.

However running our CBMROOT commit test I have a problem
for our "electron" setup with RICH and TRD. I've got lots of such messages:

```
**** GGCKOV Overflow in the photon stack,      2490 photons are lost
**** GGCKOV Overflow in the photon stack,      2595 photons are lost
**** GGCKOV Overflow in the photon stack,      2472 photons are lost
**** GGCKOV Overflow in the photon stack,      2670 photons are lost
**** GGCKOV Overflow in the photon stack,      2603 photons are lost
**** GGCKOV Overflow in the photon stack,      2641 photons are lost
**** GGCKOV Overflow in the photon stack,      2538 photons are lost
**** GGCKOV Overflow in the photon stack,      2461 photons are lost
**** GGCKOV Overflow in the photon stack,      2279 photons are lost
```

And then execution just stops without crash.

For "muon" setup with MUCH detector everything works fine.

Subject: Re: New version of the external packages "apr 13"
Posted by [Andrey Lebedev](#) on Tue, 07 May 2013 21:05:53 GMT
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Compiling fairsoft with gfortran 4.7 solves this problem.

Subject: Re: New version of the external packages "apr 13"
Posted by [Simon Reiter](#) on Wed, 21 Aug 2013 08:12:37 GMT
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Hi

I tried to install PandaRoot on a new machine but while downloading the externals, I got the error:
svn: warning: Error handling externals definition for 'transport/vgm':
svn: warning: Repository moved permanently to 'https://svn.code.sf.net/p/vgm/code/'; please relocate

Last time (a month ago) I didn't had this problem. How to relocate the path?

Best regards
Simon

Subject: Re: New version of the external packages "apr 13"
Posted by [Stefano Spataro](#) on Wed, 21 Aug 2013 11:58:39 GMT
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Now it should be fixed, in sourceforge they changed the svn location for several packages.
Please try now, Florian has modified the path in the repository.
