Subject: New External Packages July 09
Posted by Mohammad Al-Turany on Thu, 09 Jul 2009 14:34:39 GMT
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Hallo,

The new external packages are now available (see http://fairroot.gsi.de):

Packages:

ROOT 5.24
Geant4 4.9.2.p01
Geant3.21+vmc. (r245)
VGM 3.02
Geant4 VMC (2.6)
CLHEP 2.0.4.2
ApMon -Application Monitoring API for C++ (v. 2.2.6)
Cmake 2.6.3
GNU Scientific Library (1.12)
PLUTO (v.412)
Pythia6
Boost-Jam (3.1.17)
Boost (1.39)

To download it:

From SVN: svn co https://subversion.gsi.de/fairroot/fairsoft/release/july09 fairsoft

tar file: http://fairroot.gsi.de/download/july09/fairsoft_july09.tar.gz

new Features:

CUDA interface and example is added to Fairbase
VGM is now build with cmake
improved installation scripts

tested on:

Mac OS X:	10.5.7
SUSE :	10.3, 11, 11.1
Fedora Core:	8, 9
Scientific Linux	5.1
Debian:	Etch, Lenny
Ubuntu:	8.10, 9.04

P.S:
For those who already used the svn version of this package, you where using the trunk (https://subversion.gsi.de/fairroot/fairsoft/trunk) either you make sure that you use the released version (svn update -r 5991) or you make a switch (svn switch https://subversion.gsi.de/fairroot/fairsoft/release/july09 .)

On the GSI cluster:

Debian Sarge is not supported anymore
GSI users please use lxetch32.gsi.de for logon
Set your SIMPATH to /misc/cbmsoft/Etch32/jul09/fairsoft (or /misc/cbmsoft/Etch64/jul09/fairsoft if you use 64 bit machines).

regards

Mohammad and Florian

Subject: Re: New External Packages July 09
Posted by donghee on Wed, 05 Aug 2009 08:39:32 GMT
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Dear Panda-fairsoft developers

New external packages july 09 couldn't complie under Scientific Linux CERN SLC release 4.4 (Beryllium) with 32bit.
An error occured during cmake compilation.

Probably SLC4 with 64bit seems to be fine, I have tested it at CERN farm.

Best regards,
Donghee

Subject: Re: New External Packages July 09
Posted by StefanoSpataro on Wed, 05 Aug 2009 08:42:08 GMT
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I have tried with SL 4.6 32bit and they have compiled.
Which error do you have?

Subject: Re: New External Packages July 09
Posted by donghee on Wed, 05 Aug 2009 10:08:07 GMT
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Dear stepano,

I couldn't catch more detail error message due to automatical closing the login.
cmake part has some problem in this case, trying OS version is the SLC4.4 Beryllium).
I will try once again to get whole message with debug mode.

Ciao,
Donghee

Quote:
The build process for the external packages for the FairRoot Project was started
at 050809_115326
patch found in PATH
wget found in PATH
Subversion client found in PATH
*** Compiling the external packages with the GCC compiler
*** Building the libraries with debug information
The following parameters are set.
System : 32bit
C++ compiler : g++
C compiler : gcc
Fortran compiler : g77
CXXFLAGS : -g -O0
CFLAGS : -g -O0
Compiler : gcc
Debug : yes
Optimization : no
Platform : linux
Architecture : linux
G4System : Linux-g++
g4_data_files : yes
g4_get_data : yes
Number of parallel
processes for build : 2
cmake not found in PATH
install cmake as external package
*** Compiling CMake .....
*** Unpacking cmake-2.6.3.tar.gz .....
*** ERROR: CMake could not be created.

Subject: Re: New External Packages July 09
Posted by donghee on Wed, 05 Aug 2009 10:16:56 GMT
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Dear stefano,

find the output error message in attached file.
During cmake installation, some problem occured.

Ciao,
Donghee

File Attachments

1) error_message_fairsoft.txt, downloaded 517 times

Subject: Re: New External Packages July 09
Posted by Florian Uhlig on Fri, 07 Aug 2009 10:14:21 GMT
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Hi

Maybe these link can help you. For me it looks like a problem with the OS.

http://www.cmake.org/pipermail/cmake/2009-January/026269.html

Ciao

Florian

Subject: Re: New External Packages July 09
Posted by Anonymous Poster on Fri, 14 Aug 2009 10:43:32 GMT
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Hello Mohammad and Florian,

when I tried to run the installation script I have observed the following error message:

scripts/set_compiler.sh: line 32: [: .: integer expression expected
Could not extract the version of gfortran
Stop script at this point

Looking in the set_compiler.sh script I found that among other issues it makes an analysis of the output text of the gfortran -v command. The problem is that I by default use the ru_RU.utf-8 encoding and the output looks a little bit different of what is expected.

To avoid in the future such an issue I would suggest to include in the text of the set_compiler.sh script the following lines:

default_lang=$(echo $LANG)
LANG=en_EN.utf-8
in the beginning (to set the needed encoding)

export LANG=${default_lang}
at the end (to restore the default encoding)

I checked this correction - it works at least on my computer.

With the best regards,

Andrey Sokolov

Subject: Re: New External Packages July 09
Posted by Mohammad Al-Turany on Fri, 18 Dec 2009 08:28:59 GMT
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Hi Andrei,

it took too long, but now it is in the fairsoft svn, and will be available in the next release.

Thanks.

Mohammad
