Subject: New external packages July 09
Posted by Mohammad Al-Turany on Thu, 09 Jul 2009 14:36:42 GMT
View Forum Message <> Reply to Message

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 Arun Prakash on Sat, 11 Jul 2009 09:54:31 GMT
View Forum Message <> Reply to Message

Dear Sir,
I have installed fairoot july 09 version in one of the machine. The installataion was without errors.
But when I am trying to install cbmroot JUN09 version it shows the following error. I am attaching the error message. Kindly advice me how to rectify this error

Best Regards
Arun Prakash
PhD Student
High Energy Physics Division
Department of Physics
Banaras Hindu University
Varanasi-221005
India

File Attachments
1) error.txt, downloaded 615 times

Subject: Re: New external packages July 09
Posted by Mohammad Al-Turany on Sat, 11 Jul 2009 18:49:35 GMT
View Forum Message <> Reply to Message

Hi,

This error was already corrected in fairbase one week ago, it is due to changes in ROOT 5.24.00. I put the externals of the jun09 release to the new one and added an include to the CbmRich.cxx. Just make an svn update in your cbmroot-jun09 release and it should work!

regards

Mohammad

Subject: Installation of external packages july09 on MAC OS 10.6
Posted by Volker Friese on Thu, 04 Mar 2010 14:24:28 GMT
View Forum Message <> Reply to Message

I have successfully installed the externals july09 anmd cbmroot trunk on MAC Snow Leopard. I had to overcome (with Florian's help) some problems, which I report here, as they may be helpful for others.

First, you need on your MAC a C++ compiler, of course. If you do not have it, you can for instance install the XCode package.

Then, you need in addition a fortran compiler. The best choice is gfortran, which you can download from here.

Now you can download and install the externals as described on the FAIROOT web site:

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

Before running the installation script, I had to

 modify fairsoft/scripts/check_system.sh on line 155: change "= 5 " to "> 4" such that it is recognised that the system is 64 bit;

 modify fairsoft/scripts/set_compiler.sh on lines 24 and 25: change "1,4 d" to "1, 6 d" (gfortran -v seems to deliver different outputs on different platforms);

 create a link in /usr/local/lib/x86_64: ln -s ../libgfortran.a

 create a link in /usr/include: ln -s malloc/malloc.h

Then, just go to the top directory where you installed fairsoft and call the installation script:
 ./configure.sh
Then read a good book, go to the movies, or just go home. It will take some time.
