

Updating installed Software

Tag from December 02, 2009, 1240

- mysql, copied header files or 5.0.51a to /opt/lcd/software/slc.../mysql/include
- installed root version 5.22.00, though actually after Carlos intermission /opt/lcd/root was back
- Compiled Geant4 9.2.p02
- Compiled Mokka 07-02

Tag from December 03, 2009, 1200

- Fixed Geant4 Data directory

Tag from January 14th, 2010

- Added Example/MarlinExample a simple Marlin processor that can be used to create your own Processors
- Added Example/copyprocessor.csh to copy Processors and create even more

-- AndreSailer - 26-Jan-2010: Workplan

- Remove qt/4.4.2
- Compile QT4 with minimal necessary libs for MarlinGUI: ./configure -prefix \${SWPATH}/qt/4.6.1 -make libs -fast -no-xkb -no-webkit -no-qt3support -no-rpath -no-xinerama -no-separate-debug-info
- Compile Marlin with MarlinGUI
- Update ILCSOFT to Release v01-07

-- AndreSailer - 04-Feb-2010

- Copied mysql libs to reference installation
- copied java binaries to reference installation
- re compiled ilcsoft version 01-06

-- AndreSailer - 05-Feb-2010

- Found problem with GEAR dependency in Marlin, recompiled Marlin(GUI) with stephanes fixes
- copied whole of java to reference installation
- hopefully done for the near future...

-- AndreSailer - 03-Mar-2010

- removed clhep directory, since it only contained dead links
- pointed everything to CLHEP which should be the right directory

Software Installed using the Packet Manager conary

- gcc 3.4.4
- gcc-f77
- gcc-c++
- cvs
- subversion
- mysql (created softlinks in software folder to have include, lib and bin in one folder, because ilcinstall needs it that way)

- root
- java (created softlinks in software folder to have include, lib and bin in one folder, because ilcinstall needs it that way)
- geant4 9.2.p01
- Xerces-C 1.8.0 (created softlinks in software folder for include and lib)
- openmotif=conary.rpath.com@rpl:devel/0-3-3

Only created softlinks to this software

- clhep 2.0.3.1

Software copied from AFS

- QT 4.4.2
- cernlibs 2005 (hope this works...)
- Geant4 Header and Data Files and config/

Software installed using ilcsoft install

- GSL 1.8
- cmake 2.6.2
- lcio 01-11
- CMakeModules v01-08
- Marlin v00-10-04
- CED
- CEDViewer
- PandoraPFA
- MarlinReco
- MarlinTPC
- and the rest...

Software compiled by Hand

- freeGlut 2.4.0 (Add /usr/local/lib to /etc/ld.so.conf to find the libglut.so with ld -lglut for CED)
- Mokka 06-07-p03 (and changes for larger hcal with different tungsten)

Framework

- apache-maven: v1.0.2 [↗](#) and v2.1.0 [↗](#)
- GeomConverter: checked out from CVS

```
cvs :pserver:anonymous@cvs.freehep.org:/cvs/lcd co GeomConverter
```

built executable

```
maven -D run.install=`pwd` run:install
```

- LCSim: checked out from CVS

```
cvs :pserver:anonymous@cvs.freehep.org:/cvs/lcd co lcsim
```

- slic: precompiled binary with minimal dependencies v2.5.4 [↗](#)
removed all packages except lccd, use the geant4.9.2 from above
- JAS3: v0.8.4.3 [↗](#) Plugins installed into system directory:
 - ◆ HepRep

- ◆ Wired 4
- ◆ Wired 4 Base Library

- ToDoList:
 - ◆ move maven repositories from root to user space, or create soft links

```
/root/.maven -> ~/.maven  
/root/.m2 -> ~/.m2
```

-- AndreSailer - 06 May 2009

This topic: CLIC > LCDVMSoftwareAdditions

Topic revision: r15 - 2010-03-03 - AndreSailer



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