

CALICE Offline Software Status

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Current release version v04-06

- Build against **ILCsoft v01-13-02**

Name	version
<i>calice_cmake</i>	v01-01
<i>calice_userlib</i>	v06-03-02
<i>calice_reco</i>	v06-05-01
<i>calice_analysis</i>	v01-02
<i>calice_sim</i>	v02-04
<i>RootTreeWriter</i>	v02-03
<i>calice_run</i>	v03-08

- Major updated for the W-AHCAL conditions database
- New package: ***calice_analysis***
 - Analysis codes provided by users using fully reconstructed data.
 - Example steering files have been provided to allow for reproducing the analysis notes or final publications.

<https://twiki.cern.ch/twiki/bin/view/CALICE/SoftwareNews>

CALICE conditions database

- From the view of CALICE database users
 - What is going on at this moment?
 - Will my jobs jump into a traffic jam?
- From the view of CALICE database administrator
 - What is going on at this moment, when a user report a difficulty with CALICE database?
 - Where are connections coming from, and using the CALICE database?

Users: checkCondDB

Admin: adminCondDB

Tools for database users/administrator

Users: checkCondDB

If you are planing to submit a large amount of jobs which need the calice database, Please check the current usage of CALICE database firstly, then make your plan.

Fri Jan 13 13:49:50 CET 2012

There are 68 instant connections on CALICE databse.

Admin: adminCondDB

The CALICE database administrator could check the current usage of CALICE database. adminCondDB generate a detail list about " User | Host | db | Command | Time "

Fri Jan 13 13:50:22 CET 2012

There are about 68 instant connections on CALICE databse.

User	Host	db	Command	Time
caliceon	tcx240.naf.desy.de:42858	calice	Query	7
caliceon	tcx240.naf.desy.de:42859	calice	Query	30
caliceon	tcx13c.naf.desy.de:55527	calice	Query	23
caliceon	tcx13c.naf.desy.de:55528	calice	Query	42
caliceon	tcx11b.naf.desy.de:48286	calice	Query	1
caliceon	tcx11b.naf.desy.de:48287	calice	Query	31

GRID updated

- GRID CE: Moved to SL5-64bit
- A virtual grid machine of SL6-64bit is under testing for the ILC/CALICE software.
- grid job manager has been updated too.
 - grid-ce5.desy.de:2119/jobmanager-lcgpbs-desy will not be used and supported anymore.
 - grid-cr5.desy.de:8443/cream-pbs-desy working now for jobs manager.
 - “calice_run” package has been updated, and this can be found there.

Summary and outlook

- One database tool (*checkConDB*) will help you to find out the current usage information of CALICE database.
 - It will be available for global in next release.
- Include the ScEcal and DHCAL in next release version.
- SDHCAL is going to use CALICE CondDB database server.
- An offline convertor may be needed (the new DAQ2).
 - From LCGenericObject to the CalorimeterHit.
 - Can be used online to write out the CalorimeterHit directly.
- Support mailing list (include all sub-detectors experts) for users?