Status of CALICE Software

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Sofware news: new software version

- After correction of ECAL calibrations: thanks to Nils Feege, all folders in the data base which are needed for (Si-W ECAL + Scin-Fe HCAL + TCMT) reconstruction were tagged
  $\Rightarrow$ new tags in *calice_run*

- For central production, tagged versions of CALICE software are needed
  $\Rightarrow$ introduce new tag of whole CALICE software, **v03-00**

- For details, see CALICE software news

- Main changes:
  - switch to cmake v2.6.2 (for most of the packages)
  - clean doxygen and compiler warnings
  - package *dbview* removed, now part of *calice_db_tools*
  - *calice_reco* contains now directory *recoAnalysis*, with *EventSelector* processor from Beni, and *EmcTriggerProcessor* from Nils
  - *calice_sim* contains now directory *sim*, with *TriggerSim* processor from David, with modifications from Beni

New web pages

- How to install and compile CALICE software packages
- Bug reports
- FAQ
  You are wellcome to read, comment and contribute

TBTrack in Monte Carlo

- Problem: after switching to ILC software v01-07: no TB tracks found in Monte Carlo
- Solution (after a lot of debugging and discussion with ILC soft people): use in the Mokka steering file

  ```
  /Mokka/init/lcioDetailedTRKHitMode dchSDxy0
  ```

- This set the bit THBIT_MOMENTUM, which enables the saving of the momentum and path length in the *SimTrackerHit*

CALICE meeting in Arlington (10 - 12 March 2010)

- 2 hours for software discussions (see agenda here)

Detector	Presenter
Si-W ECAL	?
Scintillator ECAL	?
Digital HCAL	USA: Jacob Smith (Argonne)
	Europe: ?
Analog HCAL	?
TCMT	?
Tracking	?
DAQ software	?
Grid	?
Data base	Nils Feege (DESY)

- Please let me know if you want to present something