

New developments in iLCSoft

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for the ilcsoft team

DESY

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ILD Software and Analysis Meeting

Release scheme

- Even numbers are production releases (last: v01-16-02)
- Odd numbers are developers releases (current: v01-17-04)
- Aim for about four releases per year
OR on request
- Numbering: vMAJOR.MINOR.PATCH
 - minor changes: interface changes, (usually) backwards compatible
 - patch changes: always backwards compatible

Keeping up to date

- Currently changing the default system from SL5_64bit to SL6
bumpier change than anticipated
- Reviewing complete Nightly & test setup

Preparing v01-17-05

Incremental changes

- dd4HEP v00-06 (major work)
- ROOT v05-34-10 (forced by dd4HEP)
- CEDViewer v01-07-02 (interface pyCED)
- MarlinFastJet v00-02 (by A. Sailer)
- Update GEAR to v01-04 (bug fixes + extensions)
- GDML v03-00-02 (by J. McCormick)
- General Broken Lines v01-16-03 (by C. Kleinwort)
- MarlinUtil v01-08 (addition for FPCCDTracking)
- MarlinTrkProcessor v01-10 (new FPCCDTracking)
- KalDet v01-13 (mostly for FPCCDTracking)
- MarlinReco/Digitization for SDHcal (by G. Grenier)

Miscellaneous

Changes held back

- GEANT4.10
- CLHEP 2.1.4.1

Needs work: code changes in Mokka!

Experimental

- Possible extension of reference installations
- Only candidate: Ubuntu 12.04
- Limited installation support

Closing remark

Let us know, if you'd like to add a new version of your package to iLCSoft