

CCDB Beta Release

11/2/2011

Hall D software integration

1. Conversion scripts to move constants to ccdb is done
2. JANA Calibration interface classes
3. JANA plugin for using CCDB as Calibration source
4. Tested:
 - Available plugins of sim-recon package
 - Recent tags
 - RHEL, Fedora, Ubuntu, others...

C++ API change

1. Massive refactoring

`#include "CCDB/..."`

2. Authentication interfaces. Environment authentication.

`$CCDB_USER`

`$USER`

Anonymous

3. Enhanced log system

4. Multi threading management. Multi threaded User API

5. Minor bug fixes and changed

Command line user interface

1. tab completion for namepaths
2. Improved self descriptive help
3. several commands redone (mktbl, add, cat etc.)
4. small unit testing for some cases
5. request parsing

Conceptual changes

1. Hierarchical variations

Default -> John -> Smith

Testing

1. Moved to a new amazing unit tests framework Catch
2. New benchmarking
3. Big efforts in optimizing performance. Almost 10 times performance optimization. 126 421 value for 0.7 sec.
4. Tested on various linux versions and distributions

Release TODO

1. Finish web site
2. Produce more documentation
3. Polish console tools
4. Fix unknown yet bugs and maybe implement some requested features