

Continuous Integration

Larsoft Continuous Integration System

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Overview

- Administrivia
- Status of Underlying Build Service
- Requirements/Design Documents
- Prototype Larsoft CI Build

Administrivia

- Erica Snider - Product Managing
- Marc Mengel 80%, Patrick Gartung 25%
- Mark Dykstra (summer student) exits, stage right.

Build Service

- Build management server rolled out
- SL5, SL6 build slaves installed with cvmfs, osg-client
- Mac build slave ordered
- Jenkins software installed
- Security and Authentication work completed -- https: and certificate authentication.

Project Documents

- Requirements write up newly expanded with previously requested functionality.
- Design document progressing
- Ready for review [here](#), comments requested.

Design Overview

- Workflow script -- launched by Jenkins, uses a tool like mrb or worch to checkout and build modules, with options specified as Jenkins build parameters and finally runs...
- Test runner -- run on installed packages, runs tests, logs results, can be run standalone
- Build launcher script -- to be run from post-receive triggers, or by hand, to initiate builds and pass credentials

Prototype

- Workflow: merging summer student scripts
- Workflow: factoring mrb specifics to config file
- Test-Runner: requirements congealing
- Post-install tests still needed