

Workshop Report

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Management Review Meeting

Review of the Quality Management System by management regarding:

- suitability
- adequacy
- effectiveness

Opportunities for improvement resources needed

Need for changes including Quality Policy and Objectives

Meeting

Outcome

Quality Policy and Objectives

CS-Studio Quality Policy

Through a strategy of continuous improvement and teamwork, the Control System Studio Collaboration is dedicated to supplying tools for control systems, data integration and data visualization to enable our users to achieve their scientific objectives.

The foundation for achieving our commitment is based on:

- understanding and meeting the requirements of our users,
- continuously improving all processes related to the Control System Studio product,
- effectively utilizing the creative talents in the collaboration

Quality Policy and Objectives

CS-Studio Objective

The fraction of releases per site deployed vs. releases considered for deployment will be a minimum of 75%

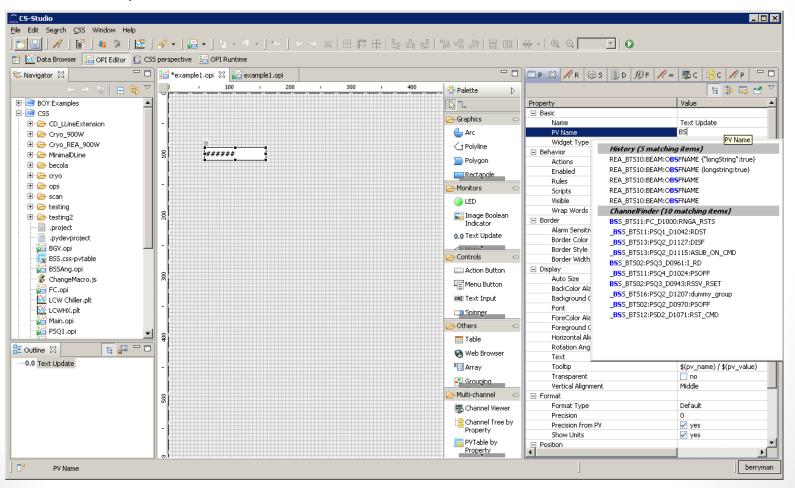
Process Performance and Product Conformity

Goals for 3.2 Release

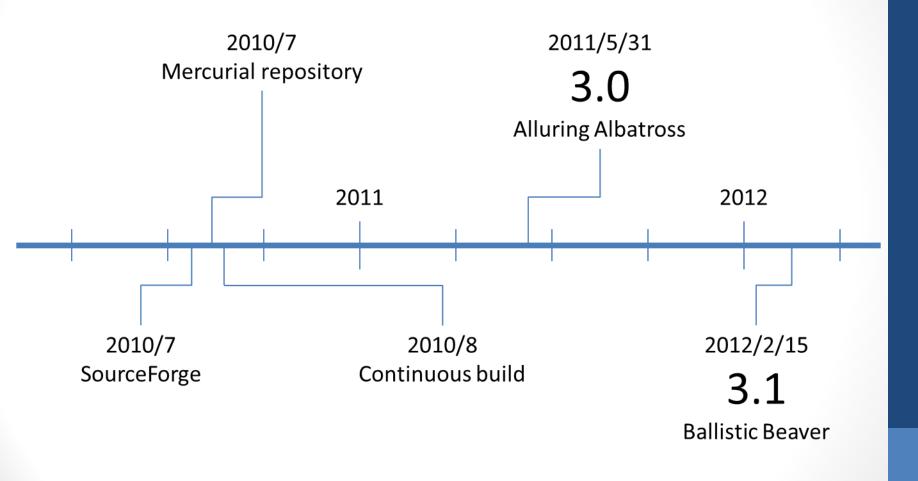
- We have made good progress of implementing a single connection management layer (pvmanager). BOY's implementation still needs work. (stated at diamond)
- We have created a single product, with standard features. SNS, KEK, NSLS2, FRIB and CS-Studio products have been updated to contain no java code. (stated as project)
- We have coordinated monthly releases, with a monthly planning meeting (the last 5 months). (stated at diamond)
- Moved to repo github
- Moved to github issues
- Moved wiki to github
- Progress toward Feature build
- Progress to extract 3rd party code from repository Investigate 'Orbit'
- Update Logbook API to support BNL/FRIB Olog
- Autocomplete infrastructure {pv, pvmanager, channelfinder/db, logbook}

Process Performance and Product Conformity

Autocomplete



Status of Corrective and Preventative Actions



Status of Corrective and Preventative Actions

- 3.2.6: 7 closed (May)
- 3.2.7: 9 closed; 250 commits (Jun)
- 3.2.8: 11 closed; 135 commits (Jul)
- 3.2.9: 11 closed; 178 commits (Aug)
- 3.2.10: 13 closed; 218 commits (Sept)
- 3.2.11: 1 closed, 16 open; 7 new ← Oct release date
- 3.2.x release is a year late (September 2012)
 - Preventative action: Release Manager will be reviewed by the core developers every 6 months

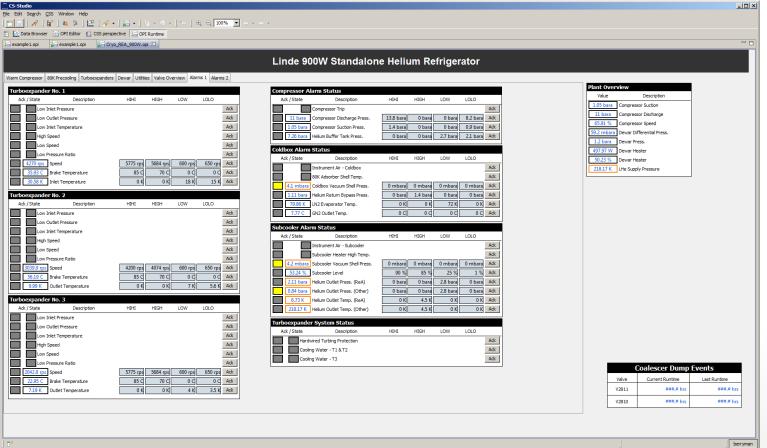
Audits

 Vasu Vuppula, Facility for Rare Isotope Beams, will perform the first internal audit

Customer Feedback Analysis

- Website hits in September
 - 402 people
 - 739 visits
 - 1548 actions
- Census
 - 16 developers
 - 16 users
 - 22 different institutions

Custom OPIs to acknowledge alarms

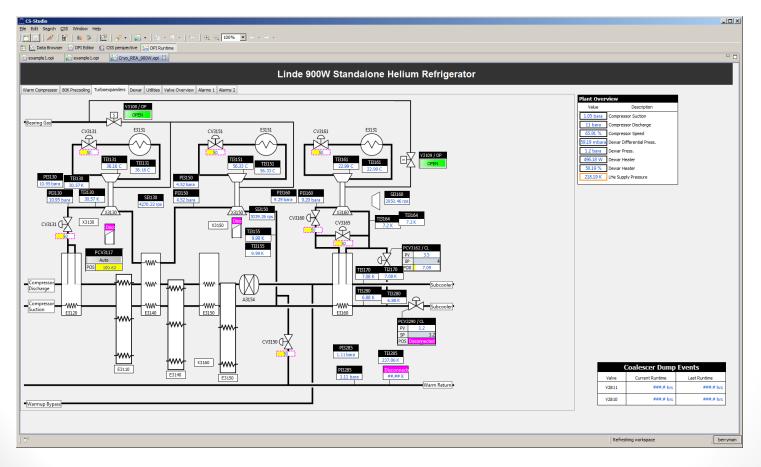


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Simplify making OPIs that iterate a template

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Screens can not depend on just color to relay information



Decisions and Actions for Improvement

- At end of October
 - Close 3.2.x development and only allow hotfixes
- Remaining requirements to mark 3.2.x as a stable release
 - Bug Fix and patches
 - BOY script performance (set 10Hz max update limit)
 - PVManager functions
 - Autocomplete
- New repository rules
 - All commits will be done with a pull request
 - All commits must reference a issue number
- Release Manager 6 month review

Decisions and Actions for Improvement

- 3.3.x Goals
 - Focus on BOY stability
 - Standardize GUI testing across labs
 - Prune the repository of plugins that; lack a maintainer or are unused
- Simplify and improve project processes
 - Transparency
 - Iterations with audits
 - Take advantage of existing github features
 - Connecting issues and commits
 - Github pull request
- Improve customer feedback
 - Survey

Resource Needs

- Kunal Shroff (NSLSII) will be the interim maintainer for BOY RCP
- RAP support
- BOY script support