Myllyn
From Stack Trace to Scrum

eclipse

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90% Irrelevant
ALM Disconnect

Uninformed Manager

Program Mgmt | Portfolio Mgmt

Project Management

Annoyed Developer

Issues | Source | Builds | Tests

Manual updates, constant friction
Demo: Collaboration
IDE Evolution

Tools
- Language
- Framework
- Build
- Test
- Sources
- Tasks

IDE
- Completion
- Refactoring
- Designers

Focus
- Tasks
- Context
- Collaboration

Flow
I = integrated

Focus
I = you
From experiment to enterprise

2004
› Task-focused interface ideas on UBC whiteboard

2006
› v1.0, early adopters help evolve the UI

2007
› v2.0, API grows from integration needs, increasing

2008
› v3.0, API solidifies, extensions increase

2009
› v3.3, de facto ALM integration for Eclipse, dozens of extensions

2010
› Expansion, new project creation, enterprise adoption
Tasks

Reference Implementations

- Bugzilla
- Trac
- OSLC

Framework & API

- Improved reusability for RCP applications
- Commons will be consumable by integrators
- Generalized Repositories view in Commons
Context

Reference Implementations
- Resource
- Java
- C/C++

Framework & API
- Decouple from Tasks
- Improved extensibility to support tracking of additional state
- Asynchronous processing of events
SCM

Reference Implementations
- CVS
- OSLC

Framework & API
- Common abstraction for team providers
- Supports change set management and reviews
- Remote change sets
- Per-task staging of changes
Build

Reference Implementations

- Hudson
- OSLC

Framework & API

- Infrastructure for CI servers
- Form based UI
- Integration for console and JUnit view
Reference Implementations

- Mylyn Review
- Gerrit?

Framework & API

- Extends Tasks for managing review tasks
- Annotations and compare integration
- Uses SCM to access source repositories
Docs

Reference Implementations
- WikiText
- Rich Text

Framework & API
- Extensibility for Wiki dialects
- Reusable text editing components
Building on Community

One of the most transparent and permeable OSS projects

1/7th of tasks resolved by patch contributions, nearing 900