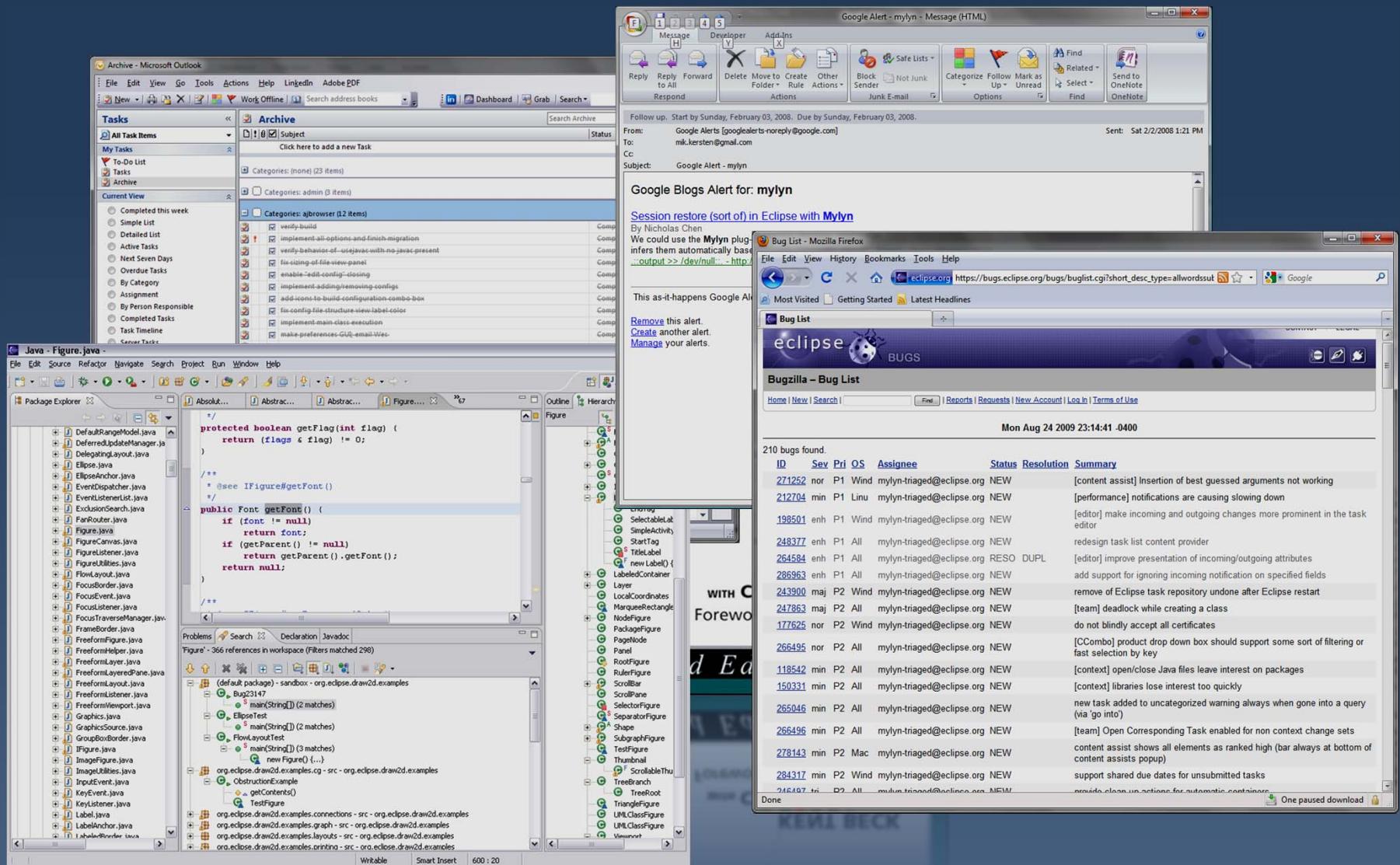




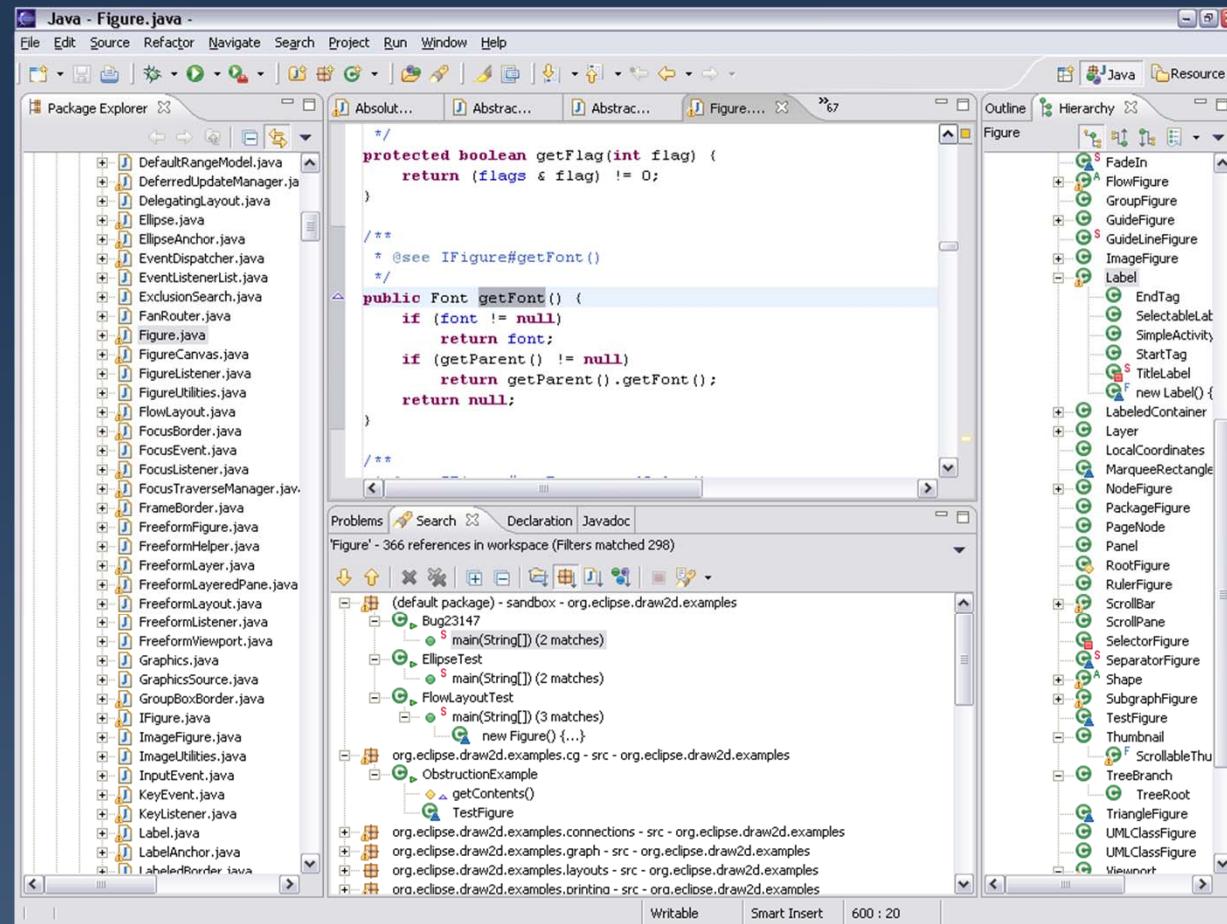
Mylyn From Stack Trace to Scrum

@mik_kersten, Tasktop CEO, Mylyn Lead

AspectJ Project, 1999



90% Irrelevant



Tasktop®

ALM Disconnect

Uninformed
Manager

Program Mgmt

Portfolio Mgmt

Project Management



Manual updates, constant friction

Annoyed
Developer

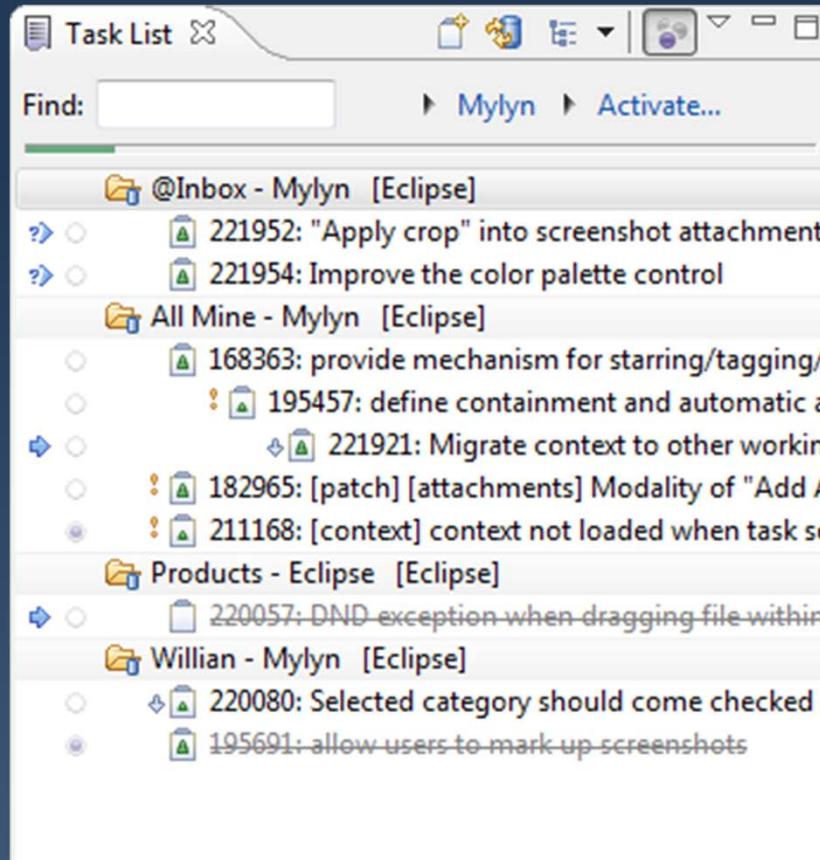
Issues

Source

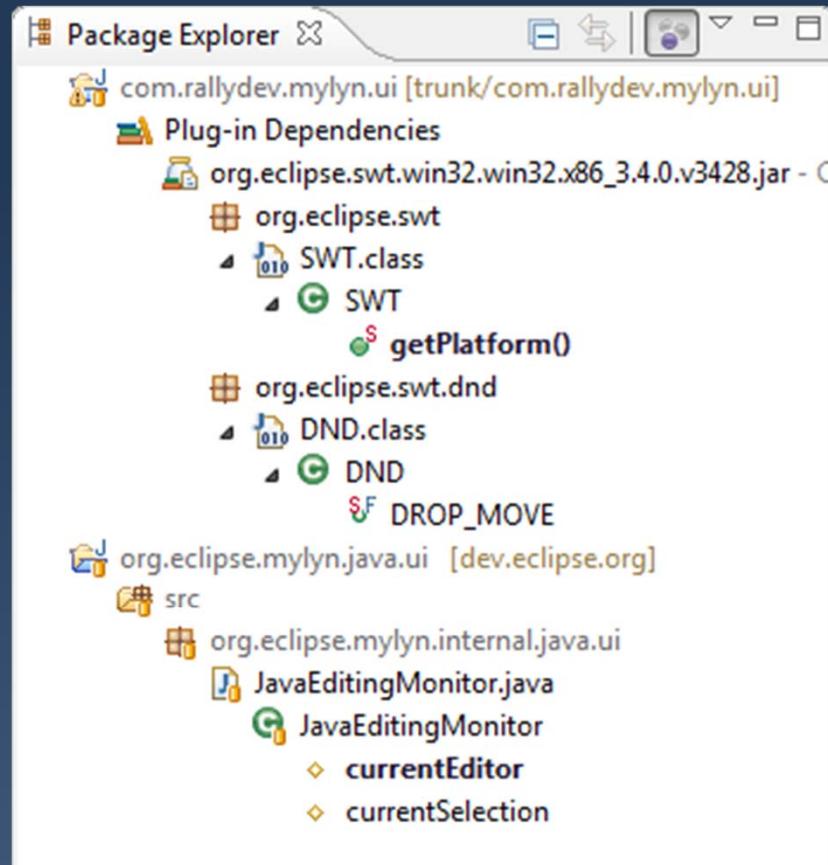
Builds

Tests

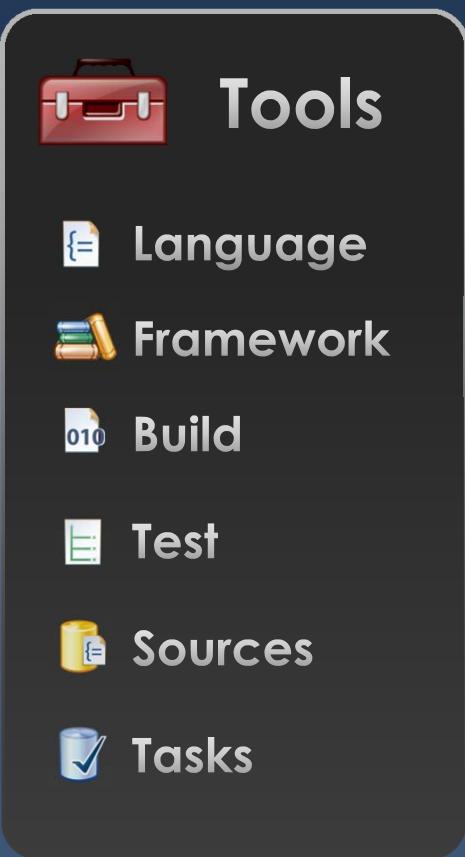
Demo: Collaboration



Demo: Context



IDE Evolution



Flow
I = integrated

Focus
I = you

Task→**P®**

Mylyn Extensions



Bugzilla



Trac



Mantis



Outlook

...



Rally



VersionOne



ThoughtWorks



JIRA



ClearQuest



RTC



HP QC



CollabNet



CVS

SVN



ClearCase



Perforce

Git

...



Cruise



Bamboo

Hudson



Tasktop®

CERTIFIED



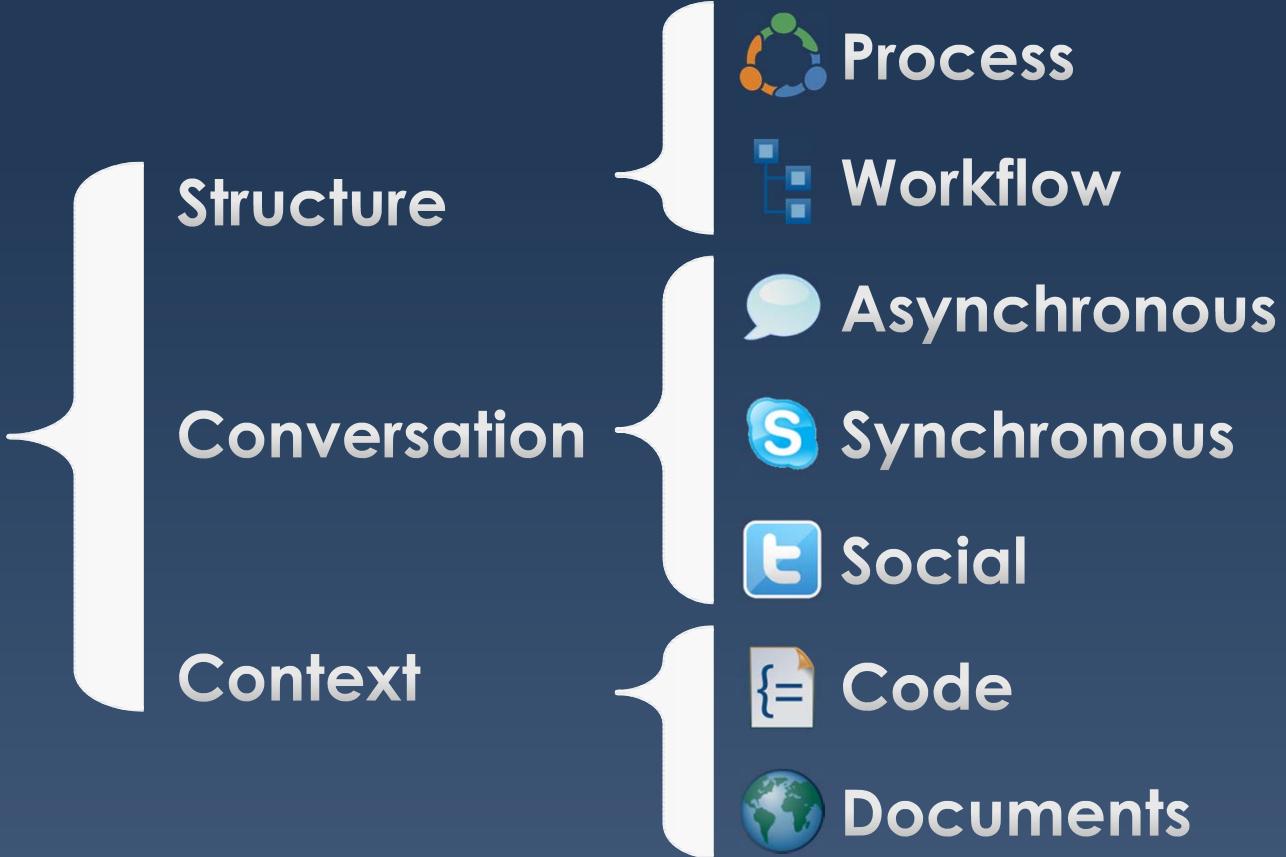
Java



Spring

C/C++

PHP



Mylyn Evolution



Tasks

Bugzilla

Trac

OSLC



Context

Java

C/C++



SCM

Subversive

Egit

OSLC



Build

EHudson

OSLC



Review

Cross-repository

IEEE



Docs

WikiText

RichText

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

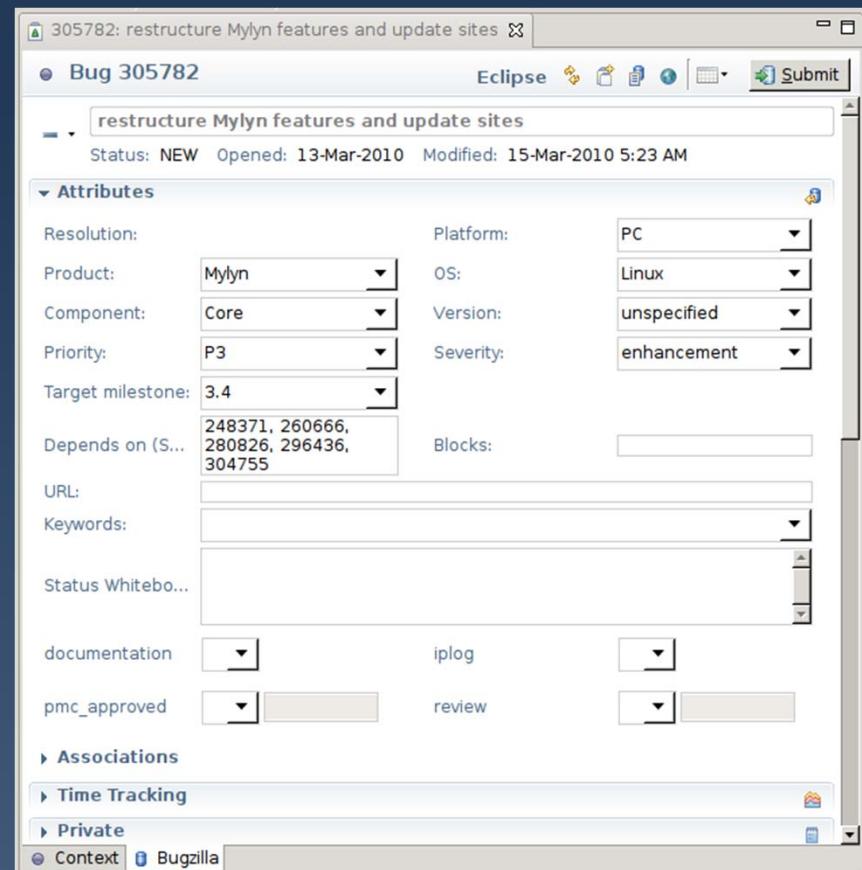
Tasks

Reference Implementations

- › Bugzilla
- › Trac
- › OSLC

Framework & API

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



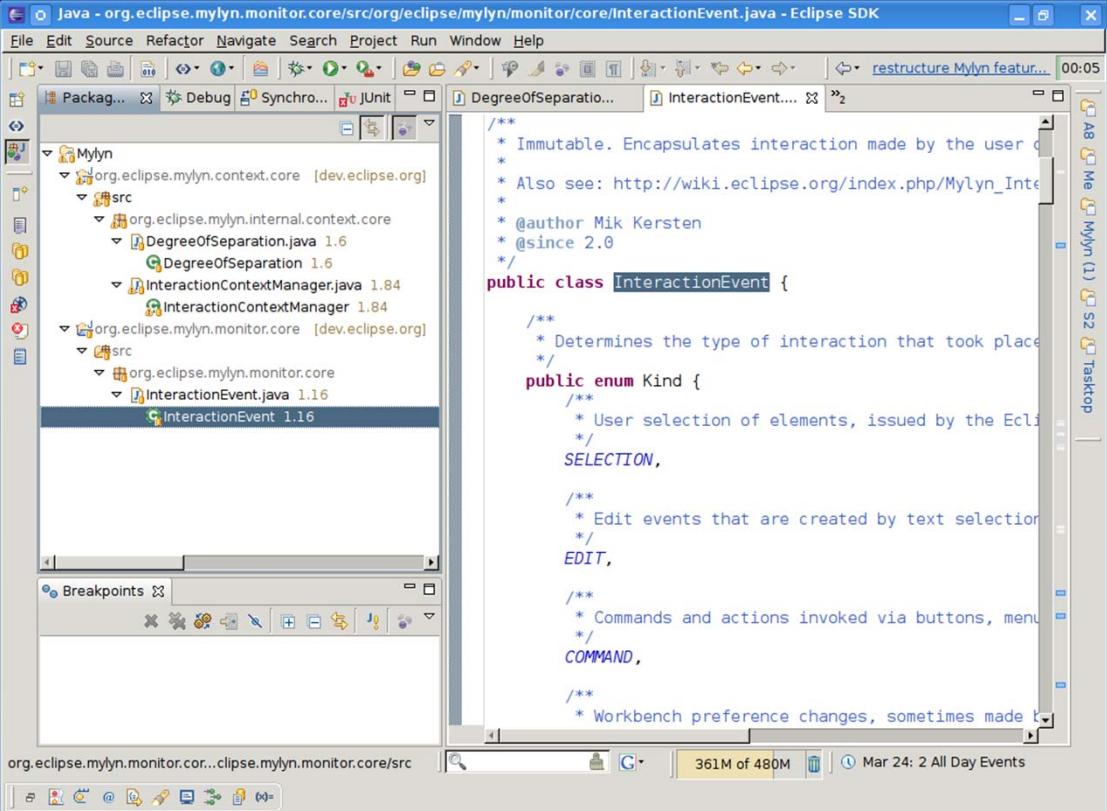
Context

Reference Implementations

- › Resource
- › Java
- › C/C++

Framework & API

- › Decouple from Tasks
- › Improved extensibility to support tracking of additional state
- › Asynchronous processing of events



The screenshot shows the Eclipse IDE interface with the following details:

- Title Bar:** Java - org.eclipse.mylyn.monitor.core/src/org/eclipse/mylyn/monitor/core/InteractionEvent.java - Eclipse SDK
- Menu Bar:** File Edit Source Refactor Navigate Search Project Run Window Help
- Toolbars:** Standard, Debug, Synchronizer, Unit, DegreeOfSeparation, InteractionEvent...
- Left Sidebar:** Package Explorer (Mylyn, org.eclipse.mylyn.context.core [dev.eclipse.org], src, org.eclipse.mylyn.internal.context.core, org.eclipse.mylyn.monitor.core [dev.eclipse.org]). The InteractionEvent.java file is selected.
- Center Area:** The code editor displays the `InteractionEvent` class and its enum `Kind`. The code includes comments about immutability, user selection, edit events, commands, and workbench preference changes.
- Bottom Status Bar:** 361M of 480M, Mar 24: 2 All Day Events

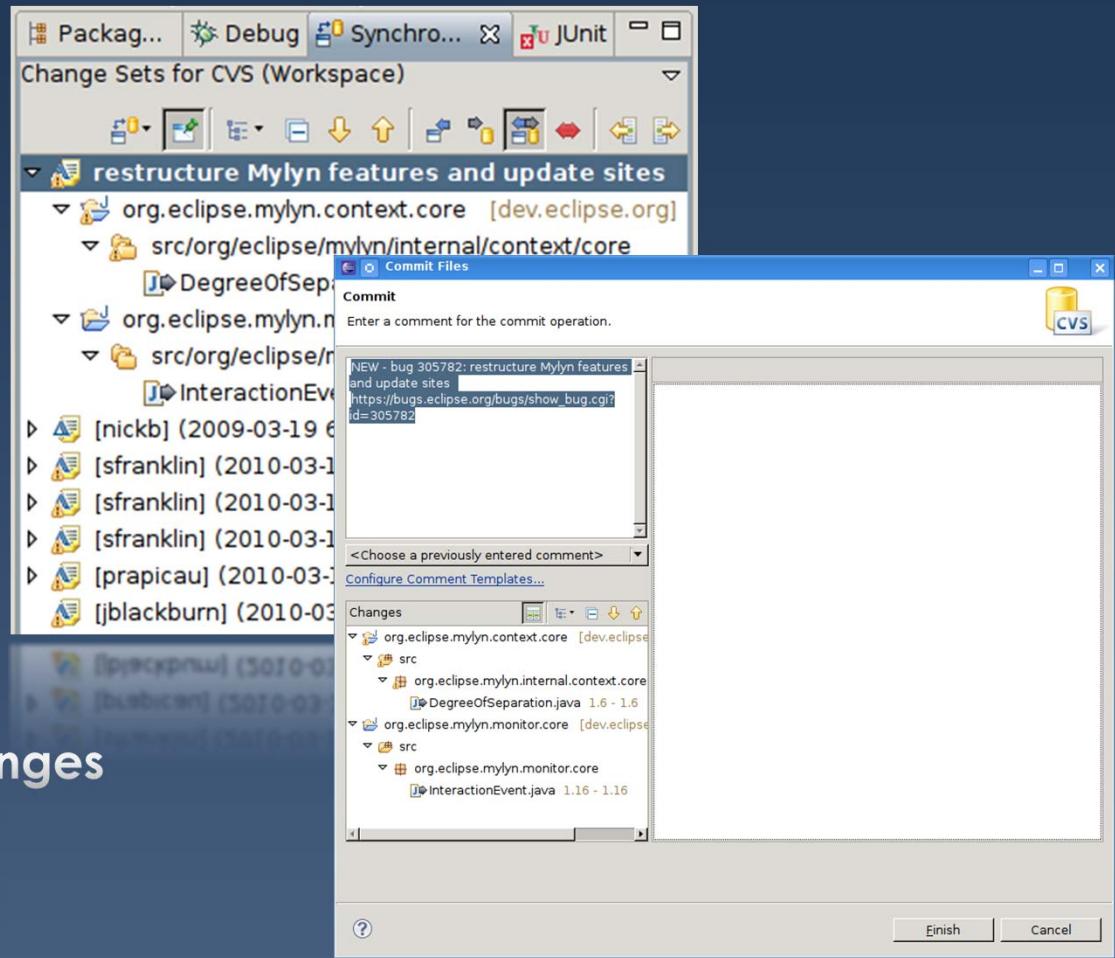
SCM

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



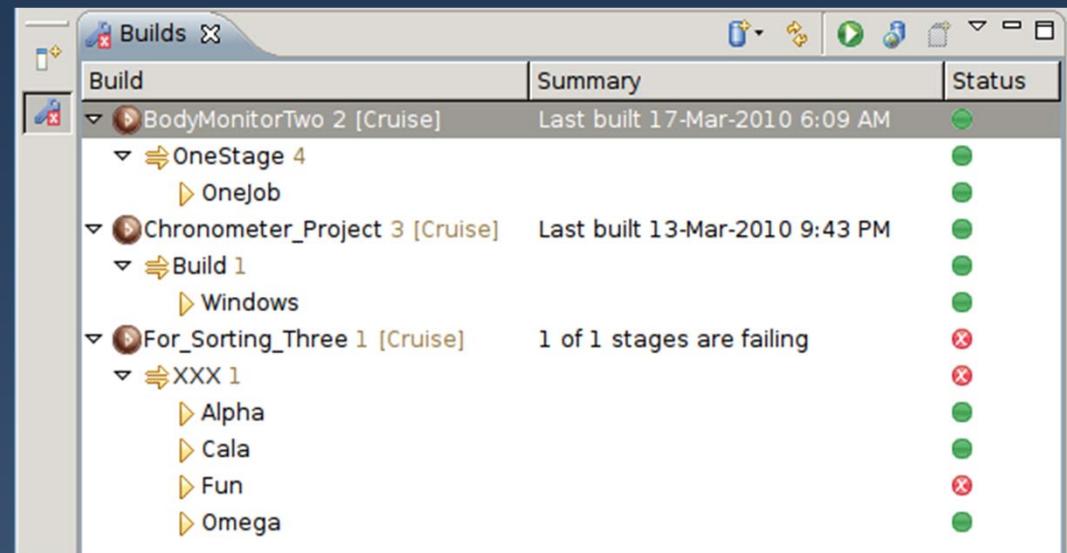
Build

Reference Implementations

- › Hudson
- › OSLC

Framework & API

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



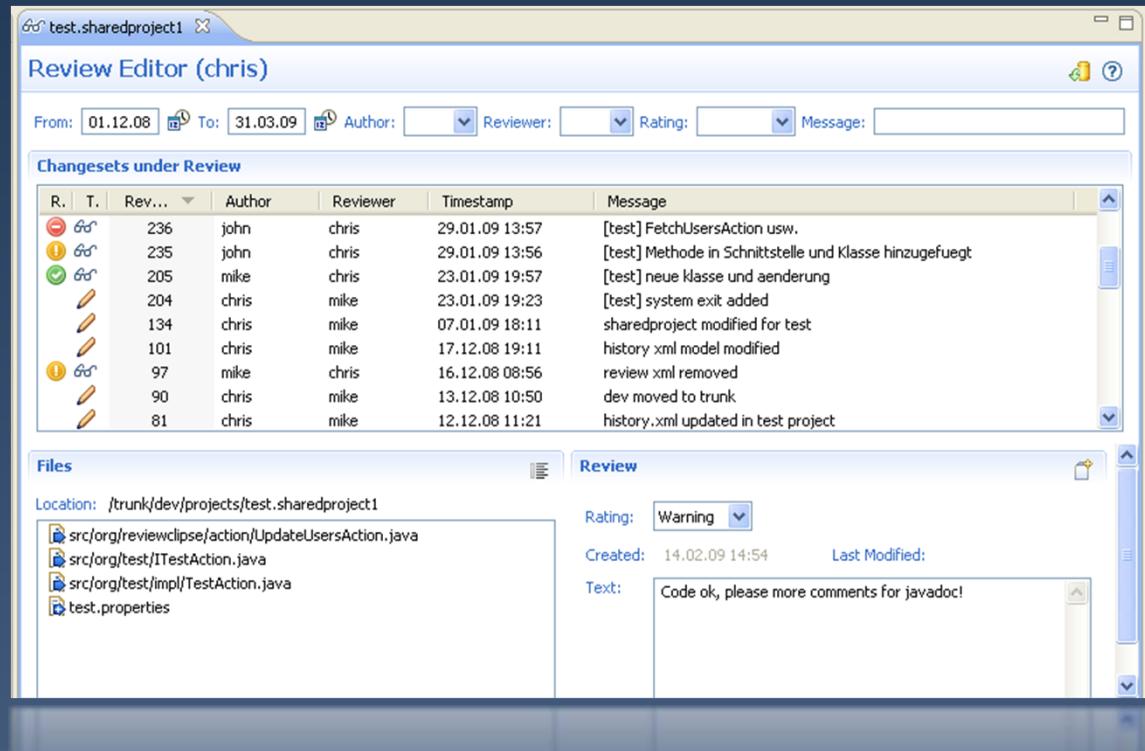
Review

Reference Implementations

- › Mylyn Review
- › Gerrit?

Framework & API

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



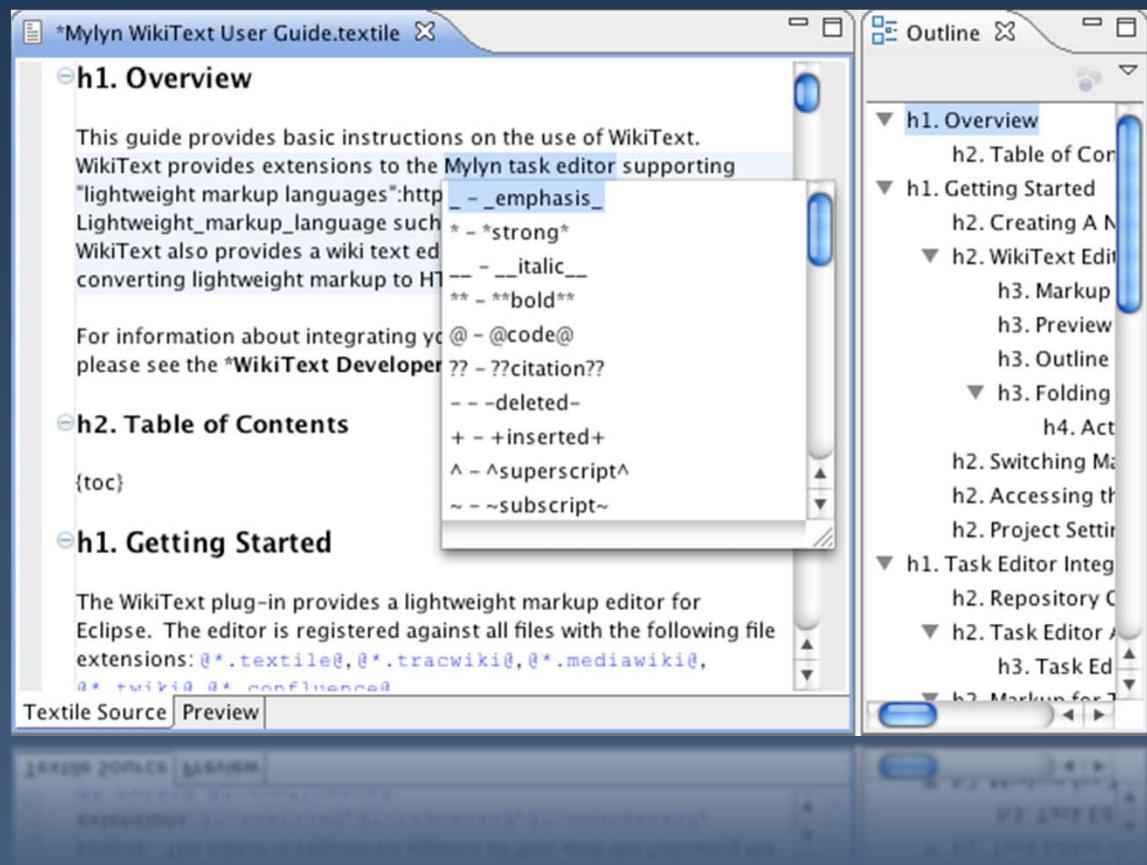
Docs

Reference Implementations

- › WikiText
- › Rich Text?

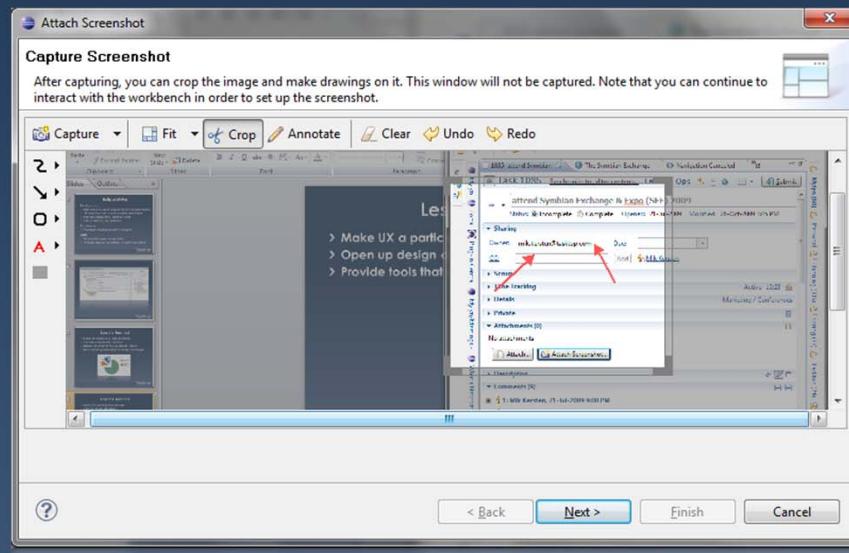
Framework & API

- › 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





eclipse.org/mylyn

tasktop.com/blog

@mik_kersten