



Mylyn 2.0 Release Review

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Features



- Task List (org.eclipse.mylyn.tasks.*)
 - Integrated tasks management for Eclipse (required)
 - Task management view, rich editing, offline support
- Task-Focused UI (org.eclipse.mylyn.context.*)
 - Automated context management (optional)
- Bugzilla Connector (org.eclipse.mylyn.bugzilla.*)
 - Integrates Task List with Bugzilla repository (optional)
- JIRA Connector (org.eclipse.mylyn.jira.*)
 - Integrates Task List with JIRA repository (optional)
- Trac Connector (org.eclipse.mylyn.trac.*)
 - Integrates Task List with Trac repository (optional)

Non-code aspects



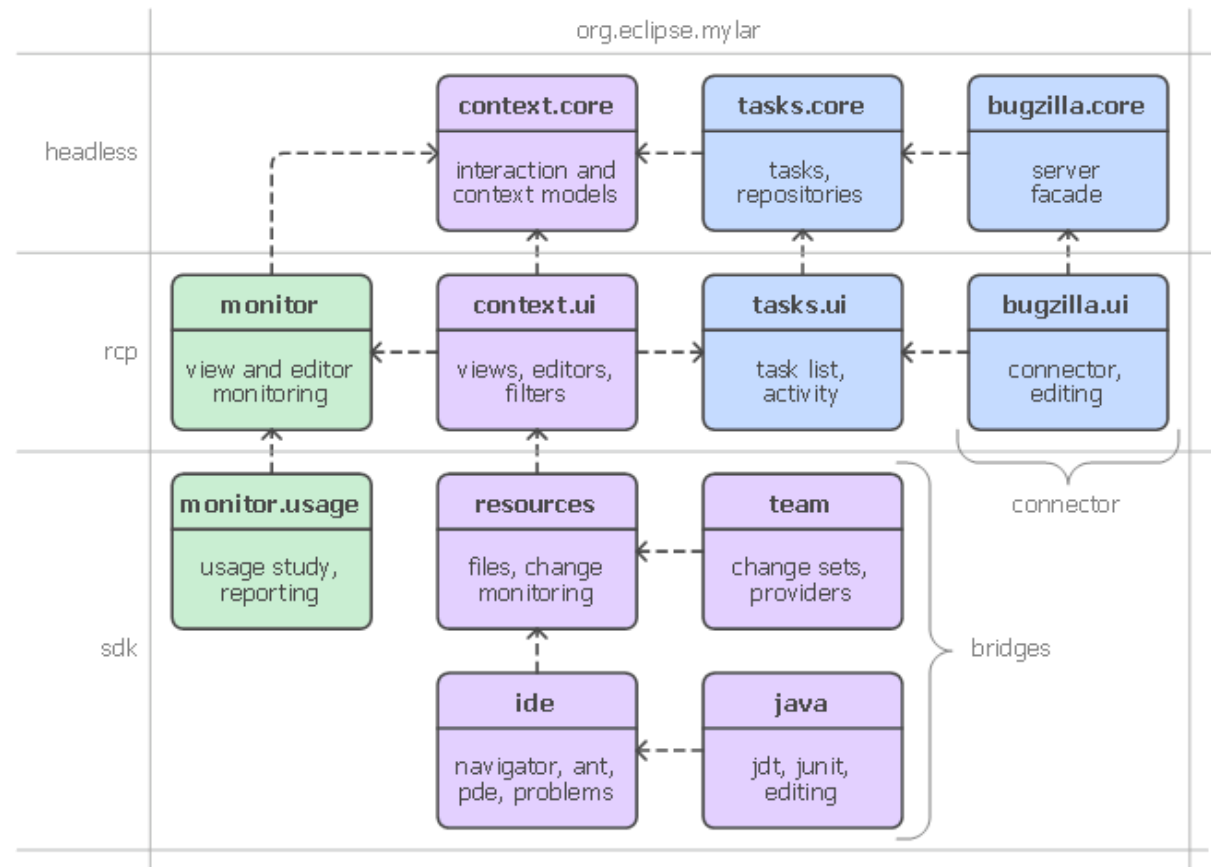
- User documentation
 - Considerable body of user documentation
 - Wiki-based FAQ, User Guide, and Tips & Tricks
 - Web site: getting started, articles, flash videos, webinar
- Developer documentation
 - Wiki-based Contributors Guide
 - Wik-based Integrators Guide
- Localization/externalization
 - In spite of large adoption by non-English countries, still no requests or votes for alternate languages, so postponed post 2.0

APIs



- Three frameworks

- Tasks
- Context
- Monitor
- Team (not visible)
- Each has multiple clients



Tool Usability



Tool Usability



- Maturity
 - Constant stream of stable releases, part of Europa release train
 - Committers work from HEAD, contributors from weekly builds, community from milestone releases
- Adoption
 - 2007 stats to date
 - 52,871 update site downloads
 - 15,055 zip/redistributable site downloads
 - Redistributed by 4rd parties (e.g. JBuilder 2007, Yoxos)
 - User feedback says it best
 - "...arguably the most productivity-enhancing idea since background compilation and all of the things that enables (namely refactoring and syntax highlighting). I just don't know how I ever was able to read and understand the Eclipse sources (or the sources of other large projects I've worked on) before Mylar, it's just that good." (David Orme)
 - "I would like to commend you on this very good tool. It has increased my productivity by 3 folds - no kidding..." (Deepak Devje)

Architectural Issues



- APIs have matured considerably since 1.0 thanks to integrator feedback.
 - Tasks API is most challenging due to the rich UI facilities it provides, but also most mature
 - Team API is lean and has been stable since 1.0
 - Context API has been relatively stable since 1.0, still requires more integrator feedback
 - Monitor API is lean and relatively stable since 1.0
- Tools and UI
 - Focus on integrating as seamless with SDK as possible while ensuring tasks are a first-class part of the IDE experience
 - Tradeoffs discussed: <http://dev.eclipse.org/mhonarc/lists/cross-project-issues-dev/msg01185.html>

End-of-Life



- Mylar 1.0 APIs have reached end-of-life
 - http://wiki.eclipse.org/index.php/Mylar_Porting_Guide
- Project has been renamed to Mylyn, all plug-ins containing `org.eclipse.mylar.*` have to be updated to `org.eclipse.mylyn.*`

Bugzilla



- Stats since Mylyn 1.0.1 (2006-12-22 to 2007-06-11)
 - 528 reports opened
 - 720 resolved
 - Most open bugs are feature or integration enhancement requests

Standards



- Mylyn requires J2SE 1.5, provides warning if installed on 1.4
 - Key driver for using 1.5 was the benefits of generics-aware APIs

UI Usability



- Accessibility
 - No review for this release, but following accessibility guidelines
 - <http://www.eclipse.org/articles/Article-Accessibility/index.html>
- Follow the User Interface Guidelines
 - Focus on consistent visual design, UI elements, icons
 - http://wiki.eclipse.org/index.php/User_Interface_Guidelines
- Validated UI usability with field study
 - For details see:
<http://kerstens.org/mik/publications/2006-11-mylar-fse.pdf>
 - Mylyn Monitor is being used to gather usage feedback:
<http://mylyn.eclipse.org/monitor/upload/UsageAnalysisServlet>

Schedule



- Release scheduled for January 29th

Process



- Open, transparent, permeable, and inclusive
 - All discussions in Bugzilla, mailing list, newsgroup, and open developer conference calls
 - 83 bugs resolved via one or more contributor patches

Communities



- Users
 - Lively community on newsgroup and bug reports
 - Articles and blogs by community members
- Developers
 - Contributor documentation on Eclipsepedia
 - Lively community on mylyn-dev and bug reports
- Integrators
 - Integrator documentation on Eclipsepedia
 - New mylyn-integrators mailing list will remove need for integrators to watch the higher-traffic mylyn-dev
 - Specific discussions on “[connector]” and “[bridge]” bug reports, as well as “manage integration with FooBar” bug reports

Intellectual Property



- IP process followed
 - All approvals received
- Up-to-date IP Log
 - <http://www.eclipse.org/mylyn/doc/mylyn-iplog.csv>

Project plan



- Learned from 1.0 to 2.0
 - Need to reduce burden on integrators by minimizing API changes while incorporating key feedback and extensibility needs.
 - Also need to make it easier for the user community to adopt our regular releases instead of waiting a year to move.
- Proposed 3.0 plan and schedule
 - Week 6: Mylyn 2.1M
 - Week 12: Mylyn 2.1 (API additions only)
 - Week 18: Mylyn 2.2M
 - Week 24: Mylyn 2.2
 - ...
 - Week 46: Mylyn 3.0RC0 (incorporate key API changes)
 - Week 52: Mylyn 3.0

Release review version



- These slides are based on the following version of the Release review document
 - Version 032 – January 15, 2006