



# 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

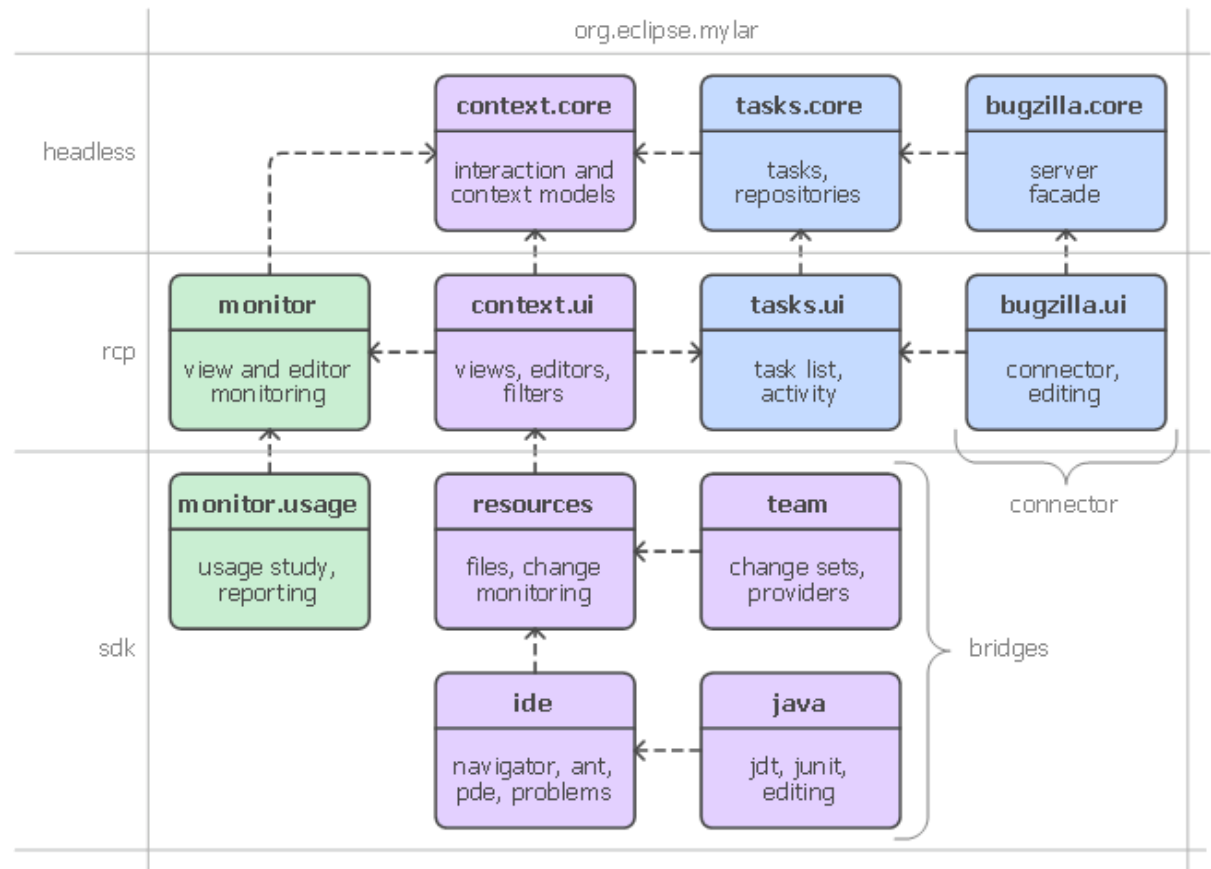


- User documentation
  - Considerable body of user documentation
  - Wiki-based FAQ, User Guide, and Tips & Tricks
  - Web site: getting started, articles, flash videos, webinar
- Developer documentation
  - Wiki-based Contributors Guide
  - Wik-based Integrators Guide
- Localization/externalization
  - 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](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](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