



Mylyn ! ! Release Review

Mi" #ersten and \$te%%en Pin&el

Planned Review ' ate() *tober 1+, 2009, , am P-
Communi*ation Channel(mylyn.dev / e*li0se or&

Introduction



- The first goal of Mylyn is to make tasks and content management seamlessly integrated with the Eclipse Platform by providing rich and extensible frameworks for tasks, repositories, connectors, structure bridges and team support. The second goal is to provide a reference implementation of the tasks used 41% of the Eclipse IDE. This includes structure bridges for the artifacts supported by the IDE which include Java, Perl, Python and other files. It also includes the UML Connector as the reference tasks repository implementation, and CVS integration as the reference team support. Additional features can be considered based on the availability of community contributions and resources.



new Framework Features

- - as " Editor
 - - the rendering of editable descriptions and associations to self is improved
- - as " .30 used Inter%a*e
 - Repository contents are downloaded with a single " on tas" activation
- - as " List
 - Sorting by rank is available to better support connectors for multiple repositories
- ' is*overy
 - - the discovery component is reusable and the presentation has been generalized



New Connector Features

- C' -

- - the C' - bridge has been updated, improved and moved from its initial prototype in the C' - Project to be the second R1 for 3.0 in the Mylyn Project

- 7u&8illa

- 7u&8illa ! + is supported

- 51R6

- Query results are retrieved much faster

- Handling of references to the repository synchronization is automated

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- Localization & Internationalization
 - - the code base has been internationalized w/ Mylyn ! 1
 - Mylyn is now available w/ translation via Eclipse 7abel
- User documentation
 - Eclipse help content that is generated w/ the Aii has been added w/ Mylyn ! 1
 - - the webinar on Mylyn ! 0 is the most viewed webinar on Eclipse Live
 - - the web site has been restructured w/ easier access to 'downloads, Support and Getting Started documentation
- Developer documentation
 - Aii-based Contributors Guide
 - Aii-based Integrators Guide

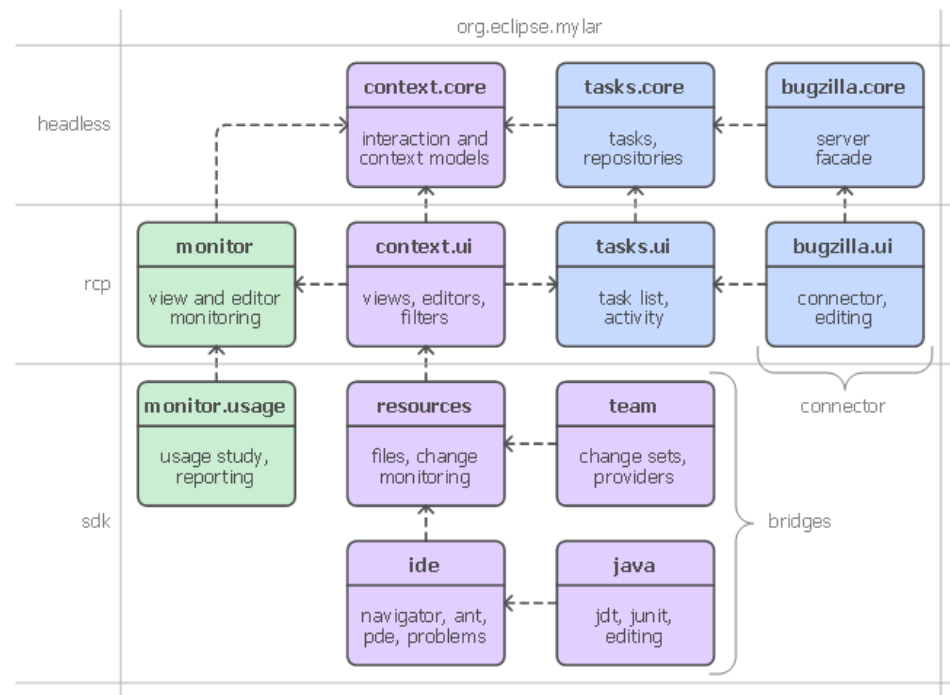
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- Conte2t 6P1
- -as"s 6P1
- Monitor 6P1
- -eam 6P1
- Ai"i-e2t 6P1



6. Architectural Issues



- For Mylyn 1.0, the network connections has been fixed which uncovered connection leaks in several connector implementations
- For Mylyn 1.1, the resource handle events has been optimized to avoid a negative impact on performance when rebuilding large workspace while a task is active
- For Mylyn 1.1, the scheduling rules and locking for concurrently running jobs have been reviewed and problems were addressed
- For Mylyn 1.0, the 6P1 tooling was adopted and 6P1 baselines have been made available for download
- For Mylyn 2.0, a new "indirect" bundle activator for the "as". The used 4.1 was created and all known issues with startup concurrently, performance and latency were addressed

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▪ Maturity

- Constant stream o% stable releases
- 7undled as 0art o% EPP distributions
- Committers wor" %rom =E6 ', *ontributors %rom wee"ly builds, *ommunity %rom milestone releases

▪ 4ser %eedba*" says it best

- Far&uably the most 0rodu*tivity.enhan*in& idea sin*e ba*"&round *om0ilation and all o% the thin&s that enables >namely re%a*torin& and synta2 hi&hli&htin&? 1 ;ust don't "now how 1 ever was able to read and understand the E*li0se sour*es >or the sour*es o% other lar&e 0ro;e*ts 1ve wor"ed on? be%ore Mylar, it's ;ust that &ood H > ' avid) rme?
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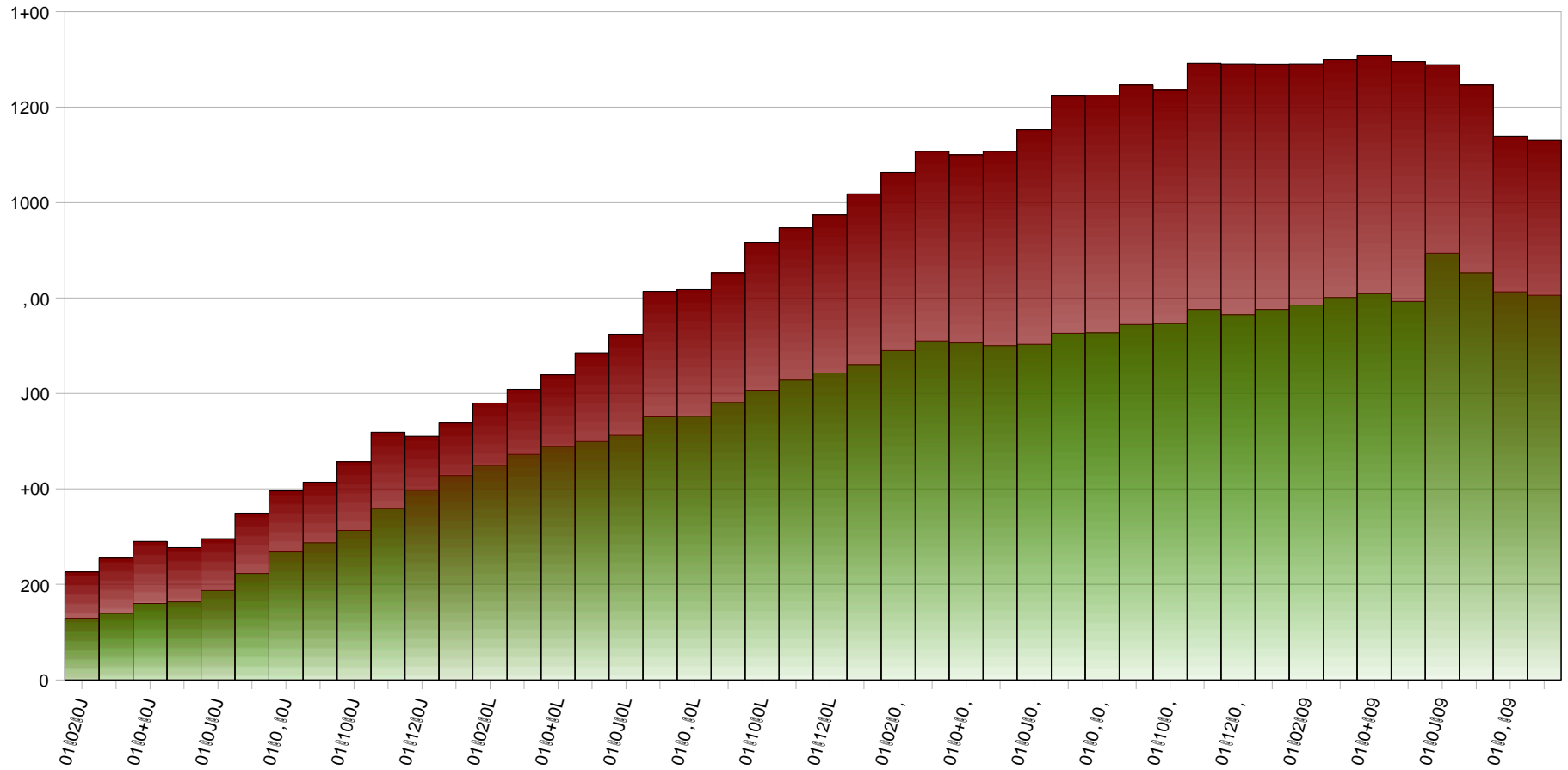


- 7u&s resolved
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- Contributions
 - 2K *ontributions were mer&ed %or Mylyn ! !

Community



Open Enhancements total Open total



Standards Handled since 1?



- Mylyn requires 52MB, provides warning if installed on 1 +
 - Key driver for using 1 K was the benefits of enterprise-aware APIs
- Mylyn Architecture supports the following modules (Confluence, MediaWiki, Oracle Wiki and Wiki)

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- 6**essibility
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 - http://www.eclipse.org/articles/article_6**essibility/index.html
- 3ollow the 4ser 1nter%a*e Buidelines
 - 3o*us on *onsistent visual desi&n, 41 elements, i*ons
 - http://wiki.eclipse.org/index.php/4serE1nter%a*eEBuidelines
- 9alidated 41 usability with %ield study
 - 3or details see(
http://erstens.org/mi/0ubli*ations/200J.11.mylar.%se0d%
 - Mylyn Monitor is bein& used to &ather usa&e %eedba* "(
<http://mylyn.eclipse.org/monitor/upload/4sa&e6nalysisServlet>

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Release	Date	Platform Release	Notes
Mylyn ! 2 1	5uly 22, 2009	E*li0se ! ! 2, ! + 2 and ! K	
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Mylyn ! 2 !	3ebruary 2J, 2010	E*li0se ! ! 2, ! + 2 and ! K 2	Balileo \$R2
Mylyn ! +	3ebruary, 2010 >tentative?	E*li0se ! + 2, ! K 2 and ! JMK	
Mylyn ! K	5une 2! , 2010 >tentative?	E*li0se ! + 2, ! K 2 and ! J 0	=elios

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Communities >1? >4n*han&ed sin*e ! 1?



- Users
 - Lively community on news and reports
 - Articles and blogs by community members
- Developers
 - Contributor documentation on Eclipse
 - Lively community on mylyn.dev and reports
- Integrators
 - Integrator documentation on Eclipse
 - Separate mylyn.integrators mailing list removes need for integrators to watch the heretofore mylyn.dev
 - Some discussions on HConne and HCBridge reports, as well as Hmana&e integration with 3oobar reports

Communities >2? >4n*han&ed sin*e ! 1?



- Committers
 - ! new *ommitters sin*e 5une 200 ,
- Summer o% Code
 - Mylyn 0arti*i0ated in \$ummer o% Code 200 ,
 - \$te%%en Pin&el mentored 5in&wen) u who inte&rated ri*h wi"i mar"u0 editin& with the -as" Editor

1P Lo&



- - he 1P Lo& is "e0t u0dated by *ommitters as *ontributions are a00lied
 - <http://www.eclipse.org/mylyn/docs/mylyn.i18n.html>
- - he ad0tion o% the automati* 1P lo& has been 0ost0oned until toolin& is available %or *onvertin& all entries in the e2istin& 1P lo& to the automated 1P lo&

1P Issues



- : one

Release review version



- - these slides are based on the following version of the Release review document
 - Version 0!2 P 5anuary 1K, 200J