



m2eclipse

Project Creation Review

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Wednesday, May 7th, 2008

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Introduction

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- ▶ The participants would like to place m2eclipse under the Eclipse Technology Project
- ▶ We are in the process of soliciting additional participation and input from the Eclipse community, but we currently have a strong user base, and strong industry support
- ▶ Provide seamless integration between Eclipse and Maven

Scope

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- ▶ Execution of Maven inside Eclipse with an in-process, and out-of-process model
- ▶ Integration with Maven repositories
- ▶ Rapid project creation using Archetype and extensible project customization for other Eclipse tools
- ▶ Headless builds for OSGi-based projects using Maven
- ▶ Create services and extension points to allow 3rd parties to access all of Maven's capabilities
- ▶ Project materialization using Maven metadata
- ▶ Intuitive POM editing and refactoring
- ▶ Dependency visualization and analysis
- ▶ PDE, WTP, AJDT, and Mylyn Integration

Mentors

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- ▶ Ed Merks (IBM)
- ▶ Chris Aniszcyk (IBM)

Initial Committers

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- ▶ Eugene Kuleshov (Sonatype)
- ▶ Igor Fedorenko (Sonatype)
- ▶ Dmitry Platonoff (Sonatype)
- ▶ Wes Isberg (Sonatype)
- ▶ Jason van Zyl (Sonatype)
- ▶ Oleg Gusakov (LinkedIn)
- ▶ Tom Huybrechts (AGFA)
- ▶ Vincent Siveton (Maven Committer)
- ▶ Hervé Boutemy (Maven Committer)
- ▶ Raghuraman Ramaswamy (Xebia, WTP Integration)
- ▶ James Ervin (Eclipse Committer, Groovy Monkey)
- ▶ Lukáš Křečan (MvnIndex)

Eugene Kuleshov

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Eugene Kuleshov had been working with Java technology from its early days. Eugene is a committer on Mylyn, Subclipse, m2eclipse projects and has submitted number of ideas, bug reports, enhancement requests and patches to other Eclipse projects. You can read his blog at <http://jroller.com/page/eu>.

Igor Fedorenko

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Igor has over 15 years of software development experience including 12 years of work with Java and J2EE and over 6 years of developing Eclipse plugins. Before joining Sonatype, Igor spent seven years working in various development roles at ThinkDynamics / IBM Tivoli.

As team's Chief Programmer led migration of a large codebase to Eclipse/OSGi runtime and contributed a number of fixes and enhancements to improve Eclipse and Eclipse WTP performance and scalability. In 2002-2003 Igor was a committed on JBOSS project working on Oracle XA support.

Igor joined m2eclipse project in August 2007 and works mainly on backend Maven support and integration with other Eclipse-based tools.

Dmitry Platonoff

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Dmitry is a strong open source supporter, committing to free software projects for over a decade. He has been working with Java since the early versions, focusing primarily on user interfaces and usability. Prior to joining Sonatype, he spent 7 years with IBM leading UI development on a number of SWT and web projects, helping improve user experience of several Tivoli products.

Wes Isberg

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Wes Isberg will initially be responsible for the integration with P2. At eBay he developed an automatic configuration component based on update manager API's.

With Tectonic Partners, he developed UI components for an RCP application. As a member of the AspectJ team and eclipse committer from 2001-2006, he did documentation and support and presented and published original material about aspect-oriented programming. At Xerox PARC, he integrated the AspectJ project's build system with eclipse metadata and wrote the automated test harness. At Lutris Technologies, he designed a requirements tracing system and negotiated with Sun for a J2EE license. At Javasoft, he extended the JavaTest harness for TCK 1.1/1.2 tests.

Overall he has over ten years of Java experience, from embedded to enterprise in roles ranging from sole engineer to support to management, often on infrastructure software, and he has worked on open-source projects since 2000.

Jason van Zyl



Jason Van Zyl has over ten years of software development experience for Fortune 500 companies. He's the founder of the Apache Maven project, the Plexus component framework at Codehaus (which will be entering the Apache Incubator shortly), the Velocity project at Jakarta, and currently serves as Chair of Apache Maven PMC. Jason is an Open Source fanatic, has been involved with Apache for almost eight years, helped to found the Codehaus Foundation and when he isn't awake working on Open Source projects, he's asleep dreaming about them.

Oleg Gusakov

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Oleg has been writing code for over 30 years. Was lucky to use micro-switches to program 56-bit words in a bulb-based computer. Worked his way through various assemblers, C, C++ and caught Java fever in 1996. Developed with a lot of Java technologies like JavaEE - JSP/JSTL/JMX/JMS/Jxxx.... and a lot of Open Source frameworks and platforms: Cocoon, Hibernate, Struts, JBoss, Groovy, Grails, you name it.

Oleg got more and more frustrated with the lack of solid development process support in general and fed up with Ant in particular. Was self-indoctrinated with the promise of Maven and never got off the hook ever since. Worked as Open Source Architect at eBay - rolled out Eclipse-based development platform (<http://www-128.ibm.com/developerworks/opensource/library/os-eclipse-ebay/>), now Build&Release Architect at LinkedIn. Committer to Plexus and Maven, started and maintain Maven Eclipse API project together with James Ervin.

Tom Huybrechts

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Tom currently works for AGFA Healthcare, and is responsible for the large initial contribution of the Tycho which supports headless builds for OSGi bundles and Eclipse plug-ins from Maven. Tom has made many contributions to Maven and is a committer on the Hudson project.

Vincent Siveton

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Vincent has been involved with the Maven project since the end of 2004. Initially by providing patches under Maven and eventually becoming a committer working on Maven itself, and the core plugins.

My interests and motivations in this project are related to documentation, reports, quality tools and dev tools. In more general ways, as a PMC, I am highly motivated by participating at the evolution of Maven and its subprojects, in the respect of the ASF, and to ensure an healthy community.

Hervé Boutemy

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Hervé is Maven committer who maintains the Maven Ant Tasks since version 2.0.7. Hervé's other main contribution is on general encoding support: Hervé started with XML files, by integrating Rome's XmlReader utility to detect XML stream encoding into Maven core components and plugins. Today, the work is on non-XML files to ease encoding configuration of every plugin. When working on m2eclipse, Hervé's intent is to improve the user experience when learning Maven (Maven Ant Tasks is the first migration step I worked on) and to fix Maven internal problems found when using Maven.

James Ervin

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James E. Ervin is a Software Engineer with over 10 years of experience in Java based development and, more specifically, almost 6 years development experience on the Eclipse platform doing the full range of Eclipse based applications from the OSGi container kernel to the full Eclipse SDK platform. James has had opportunity to develop Eclipse Equinox OSGi SOA based apps, also have used the Eclipse RCP platform for UI work and have written plugins to the Eclipse SDK platform. James is a committer on the open source Groovy Eclipse plugin, authored the open source Groovy Monkey Eclipse scripting tool, and authored the SOA Tooling Eclipse Plugin for eBay. James is currently in the process of becoming the lead developer on the Eclipse Monkey project and also currently one of the two project leads for the Maven Eclipse API plugin effort.

Lukáš Křečan

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Lukas Krecan is freelance consultant working mainly for telecommunication companies in Czech Republic. m2eclipse is his first big open source project. He is contributing to the POM XML editor in m2eclipse.

Lukas's main domain is back-end programming, he is Spring expert. He has been working with Java and J2EE for 7 years. He runs a blog at <http://blog.krecan.net>.

Interested Parties

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- ▶ AppFuse (Matt Raible)
- ▶ Codegear (Ravi Kumar, Karl Ewald)
- ▶ E*Trade (Durai Arasan)
- ▶ EBay (Tim Kimmet)
- ▶ Intuit (Gill Clark)
- ▶ IONA (Oisin Hurley, Bruce Snyder)
- ▶ LinkedIn (Oleg Gusakov, Arnold Goldberg)
- ▶ MuleSource (Ross Mason, Dan Diephouse)
- ▶ NexB (Philippe Ombrédanne)
- ▶ Qualcomm (Mike McSherry)
- ▶ Webtide (Greg Wilkins, Jan Bartel)
- ▶ XWiki (Ludovic Dubost, Vincent Massol)
- ▶ Polarion (Igor Vinnykov)
- ▶ AccuRev

Collaboration with other Eclipse Projects

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- ▶ **Mylyn:** The m2eclipse project currently has rudimentary integration which allows the issueManagement element of Maven's POM to help bootstrap a typical developer's Mylyn setup. We have many plans for richer integration and look forward to working with the Mylyn team.
- ▶ **P2:** The m2eclipse project would like to work with the P2 team to provide integration between Maven repositories and P2. This would allow provisioning runtimes and Eclipse environments from Maven repositories that have been populated with OSGi bundles and Eclipse plug-ins.
- ▶ **PDE:** The m2eclipse project would like to work with the PDE team to create headless build support for OSGi bundles and Eclipse plug-ins from Maven. We have an initial first form on this system in the Tycho sub-project of m2eclipse that was created by Tom Huybrechts. This initial form requires a POM and some magic swizzling of Eclipse installations, but we would ultimately like to provide a way to directly build native PDE projects with Maven.
- ▶ **WTP:** The m2eclipse project being driven by its users needs to provide WTP integration. We already have first-class WTP support and are continuing to improve the integration via user feedback.
- ▶ **AJDT:** The m2eclipse project currently has fully working AJDT support which we plan to expand based on user feedback.

Code Contribution

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- ▶ The code for the m2eclipse project will be taken from the existing project at Sonatype
 - ▶ Source repository: <http://svn.sonatype.org/m2eclipse>
 - ▶ Issue management: <http://jira.codehaus.org/browse/MNGECLIPSE>
 - ▶ Wiki: <http://docs.codehaus.org/display/M2ECLIPSE/>