



Eclipse Demo Camp 2008

Together in Eclipse

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Master plan

- Goal
 - ◆ Encourage people to participate in Eclipse development
 - ◆ Show how easy it can be
 - ◆ Show HOW to do it
 - ◆ Show WHY to do it
- Agenda
 - ◆ What is Eclipse?
 - ◆ How it is organized
 - ◆ How to contribute?
 - ◆ Good practices



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What is Eclipse?

- **Eclipse SDK**



- **Eclipse**

„Eclipse is an open source community whose projects are focused on building an extensible development platform, runtimes and application frameworks for building, deploying and managing software across the entire software lifecycle.”

- **Eclipse Foundation**

„The Eclipse Foundation is a not-for-profit, member supported corporation that hosts the Eclipse projects. The Foundation provides services to run the IT infrastructure, IP due diligence, mentor the open source projects during the Eclipse development process and provide marketing and business development support for the Eclipse community.”



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Ganymede

- What is simultaneous release?
- Over 20 projects/components
- Timeline, milestones, staging using Eclipse SDK as an example
- Links
 - ◆ <http://wiki.eclipse.org/Ganymede>
 - ◆ http://wiki.eclipse.org/Ganymede_Simultaneous_Release/For_



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Project organization

- **Roles**

„The more you contribute, and the higher the quality of your contribution, the more you are allowed to do. However with this comes increased responsibility.”

- **Users**

„Users are the people who use the products that the Project produces. People in this role aren't contributing code, but they are using the products, reporting bugs, and making feature requests and suggestions. Users are also encouraged to report problem reports using the bug tracking system.”

- **Contributors**

„Users who contribute code or documentation become developers. Developers are the people who contribute code, fixes, documentation, or other work that goes into the product. Developers are expected to be proactive in reporting problems in the bug tracking system.”



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Project organization

- **Committers**

„Developers who give frequent and valuable contributions to a Project, or component of a Project (in the case of large Projects), can have their status promoted to that of a "Committer" for that Project or component respectively.”

- **PMC**

„Effectively provides leadership to guide the project's overall direction and by removing obstacles, solving problems, and resolving conflicts.”

- **More info:**

<http://www.eclipse.org/eclipse/eclipse-charter.php>



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From a bug to a patch

- How to report an issue:
 - ◆ <https://bugs.eclipse.org/bugs/>
 - ◆ Bugzilla guidelines
- DIY:
 - ◆ Plug-in Spy, Alt+Shift+F1
 - ◆ Import projects
 - :
 - pserver:anonymous@dev.eclipse.org:/cvsroot/eclipse
 - ◆ Run a self-hosted Eclipse
 - ◆ Create a patch
 - ◆ Submit it

Plug-in Spy

Active Shell
The active shell class:
WorkbenchPreferenceDialog

Active Page (Compilers)
The active page class:
CompilersPreferencePage
The contributing plug-in:
org.eclipse.pde.ui (3.4.0.qualifier)

Active Help Context Identifiers
org.eclipse.ui.preference_dialog_context
org.eclipse.pde.doc.user.compilers_preference_page



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Bugzilla

The screenshot shows the Eclipse Bugzilla homepage. At the top, there is a navigation bar with the Eclipse logo and 'BUGS' text. Below this is a main navigation menu with links for HOME, COMMUNITY, MEMBERSHIP, COMMITTERS, DOWNLOADS, RESOURCES, PROJECTS, and ABOUT US. A search box is also present. On the left, there is a sidebar with links for Committers, Newsgroups, Bugs, and Articles. The main content area is titled 'Eclipse bugs' and 'Bug reports for Eclipse projects'. It features a search box and a 'Create' button. Below these are two columns of links: 'Find a bug report.', 'Charts and reports.', 'Report a new bug.', and 'Enter an enhancement/feature request.'. On the right, there is an 'Administration' section with links for 'Help With Bug Reporting.', 'Create a Bugzilla account.', 'Change password or user preferences', and 'Login/Logout'.

The screenshot shows the Eclipse Bugzilla 'Select Classification' page. At the top, there is a navigation bar with the Eclipse logo and 'BUGS' text. Below this is a main navigation menu with links for Home, New, Search, Find, Reports, My Requests, My Votes, Preferences, Log out, Szymon.Brandys@pl.ibm.com, and Terms of Use. The main content area is titled 'Bugzilla - Select Classification' and contains a list of project classifications with their respective URLs. The classifications listed are: BIRT, DataTools, DSDP, Eclipse, Eclipse Foundation, Modeling, STP, Technology, Tools, TPTP, WebTools, and RT. At the bottom, there is a section for 'Actions' and 'Saved Searches' with various links and a 'Commit' button.



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Bugzilla

Bugzilla - Enter Bug First, you must pick a product on which to enter a bug.

Home | New | Search | | Reports | My Requests | My Votes | Preferences | Log out | Szymon.Brandys@pl.ibm.com | Terms of Use

Eclipse: The Eclipse Project - Eclipse SDK and Platform, SWT, RCP, JDT, PDE, Equinox: <http://www.eclipse.org/eclipse/>

- [Equinox](#): OSGi framework, extension registry, launcher and additional services
- [Incubator](#): Eclipse incubator container project
- [JDT](#): Java development tools
- [PDE](#): Plugin development environment
- [Platform](#): Eclipse platform

Actions: Home | New | Search | | Reports | My Requests | My Votes | Preferences | Log out | Szymon.Brandys@pl.ibm.com | Terms of Use

Saved Searches: [My Bugs](#) | [Bob's bugs](#) | [Krzysiek Daniel's Platform bugs](#) | [My Bugs4verify](#) | [Zaza's bugs](#) | [\[3.3.11\] Bugs2verify](#) | [\[3.3.2\] Bugs2verify](#) | [\[3.4All\] Bugs2verify](#) | [\[3.4\] Bugs2fix](#) | [\[3.4\] SH Bugs2Fix](#) | [\[Resources\] bugs](#) | [\[Resources\] bugs4triage](#) | [\[TeamAndCo\] bugs](#) | [\[TeamAndCo\] bugs4triage](#) | [\[Workspace\] my bugs](#)

Add [the named tag](#) to bugs

Bugzilla - Enter Bug: Platform

Home | New | Search | | Reports | My Requests | My Votes | Preferences | Log out | Szymon.Brandys@pl.ibm.com | Terms of Use

Before reporting a bug, please read the [bug writing guidelines](#), please look at the list of [most frequently reported bugs](#), and please [search](#) for the bug.

Reporter: Szymon.Brandys@pl.ibm.com

Version:

Severity:

Product: Platform

Component:

Platform:

OS:

Initial State:

Assign To:

QA Contact:

Cc:

Default CC:

URL:

Summary:

Description:

Flags:

Requestee:



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Builds

- Night builds
- Integration builds
- Maintenance builds

eclipse project downloads

latest downloads from the eclipse project



Latest Downloads

On this page you can find the latest [builds](#) produced by the [Eclipse Project](#). To get started run the program and go through the user and developer documentation provided in the online help system. If you have problems downloading the drops, contact the [webmaster](#). If you have problems installing or getting the workbench to run, [check out the Eclipse Project FAQ](#), or try posting a question to the [newsgroup](#). All downloads are provided under the terms and conditions of the [Eclipse Foundation Software User Agreement](#) unless otherwise specified.

Other [eclipse.org](#) project downloads are available [here](#).

 Help out with Eclipse translations - check out the [Babel project](#)

Looking for the build schedule or build stats then look [here](#). For information about different kinds of builds look [here](#). For access to archived builds, look [here](#)

| Build Type | Build Name | Build Date |
|------------------------------|--------------------------------------|-----------------------------------|
| Latest Release | 3.3.2 | Thu, 21 Feb 2008 -- 18:00 (-0500) |
| 3.4 Stream Stable Build | 3.4RC4 | Mon, 9 Jun 2008 -- 13:11 (-0400) |
| 3.4 Stream Integration Build | I20080617-2000 | Tue, 17 Jun 2008 -- 20:00 (-0400) |
| 3.5 Stream Nightly Build | N20080623-2000 | Mon, 23 Jun 2008 -- 20:00 (-0400) |
| 3.3.2 Stream Build | | |
| Language Pack | 3.2.1 Language Packs | Thu, 21 Sep 2006 -- 09:45 (-0400) |



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IRC, newsgroups and mailing-lists

- IRC:
 - ◆ Freenode: irc.freenode.net
 - ◆ #eclipse, #eclipse-dev
 - ◆ SzymonB, z4z4
 - ◆ <http://wiki.eclipse.org/IRC>
- Newsgroups
 - ◆ eclipse.platform
 - ◆ More info: <http://www.eclipse.org/newsgroups/>
- Mailing-lists
 - ◆ eclipse-dev
 - ◆ platform-releng-dev
 - ◆ platform-team-dev
 - ◆ platform-core-dev
 - ◆ Others: http://www.eclipse.org/mail/index_project.php



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Resources and contact

- Web

- ◆ <http://www.eclipse.org>
- ◆ http://wiki.eclipse.org/Workspace_Team
- ◆ <http://planetecclipse.org>
- ◆ <http://polishineclipse.blogspot.com>

- Mail

- ◆ Szymon.Brandys@pl.ibm.com
- ◆ Tomasz.Zarna@pl.ibm.com



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Questions and Answers

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