



# MyEclipse Enterprise Workbench 2013 Release Notes

*April 1, 2013*

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## *1. What's New in MyEclipse 2013 - A Quick Flyover*

MyEclipse 2013 is a full featured, modular IDE for enterprise Java and web developers.

MyEclipse focuses on improving developer productivity by simplifying the development lifecycle in the delivery of both web and desktop applications.

MyEclipse provides development tooling in the following areas:

- JEE 6 Technologies
  - Java Servlet 3.0 (including Web Fragments)
  - EJB 3.1
  - JavaServer Faces 2.0
  - JSP 2.2/EL 2.2
  - JSTL 1.2
  - JAX-RS 1.1
  - JAX-WS 2.2
  - JAXB 2.2
  - JCA 1.6
  - ACP 6.0
  - JSR 286 (Portlets)
- Web Frameworks

- Struts 1.3 & 2.1
- Hibernate 4.1
- ICEfaces 3.0
- Spring 3.1
- Mobile Tooling
  - Create HTML5 based mobile applications
- Common Editors
  - Visual HTML (with HTML 5 support)
  - Visual JSP
  - XML / XHTML
  - Deployment Descriptors (web.xml, application.xml, ejb-jar.xml, application-client.xml, etc.)
- Design and Modeling Tools
  - UML1 and UML2 Editors
  - Swing and SWT Application Designers
  - Enterprise Reporting Applications and Report Designers
- Application Profiling
- Maven 3 application build and configuration

**Note:** While the above list mentions the highest versions of the frameworks supported in MyEclipse, typically all prior versions are supported as well.

MyEclipse 2013 is based on the Eclipse 3.8.2 (Juno) release stream and delivered using Genuitec Secure Delivery Center; it is available on the Windows, Linux and OS X platforms.

Following are highlights of key new and improved features. For a more complete list of all MyEclipse 2013 features and screenshots see the [New and Noteworthy](#).

### ***Mobile Tooling***

- Create HTML5 based mobile applications
- Several templates included for new projects
- MyEclipse Mobile Simulator allows immediate testing of apps
- Build native, app store ready Android / iOS applications

### ***Web Fragment Support***

Web Fragments are part of JEE 6, they are now fully supported in MyEclipse from project creation to deployment.

### ***Deployment Enhancements***

- Deployment of applications is now transparently handled through the Deployment Assembly mechanism. Use the project's deployment assembly property page to precisely control the deployment of your project's resources if you need more control
- The server view will tell you exactly which modules are out-of-synch (as opposed to marking the entire deployment as such)

- Several deployment states have been added to precisely indicate the current deployment phase. The re-deployment state is especially useful in the case of long hot-synch processes

### ***Project Libraries and Runtimes***

- Project libraries can now be customized for each project in addition to being customizable globally
- For a given technology, a single container is added to the project as opposed to multiple containers, additional JARs will be added to this container based on technologies that the project supports
- Projects can be assigned a target runtime (Generic JavaEE 5.0, WebSphere 8.5, etc.). This runtime ensures that the libraries in your project are compatible with your intended deployment environment. In some cases they are actually taken from your deployment environment
- Eclipse library support for some projects allows you to download external libraries seamlessly for use alongside those provided by MyEclipse

### ***Project Migration***

As opposed to several project enhancement and migration wizards, there is now a single wizard which will get your projects ready for use in MyEclipse 2013. This includes projects from prior versions of MyEclipse versions, RAD and WTP. There is also a Project Migration view which will indicate the current migration state of your project.

### ***WindowBuilder Swing and SWT Designers***

- WindowBuilder Swing and SWT designers are now distributed with MyEclipse and are available in the IDE by default. Use the WYSIWYG visual designer and layout tools to create simple forms to complex windows; the Java code will be generated for you. Easily add controls using drag-and-drop, add event handlers to your controls, change various properties of controls using a property editor, internationalize your app and much more
- The Swing designer replaces the (deprecated) Matisse Swing designer and is a much more modern and robust designing environment

### ***Delivery Technology***

- MyEclipse 2013 is configured, built and distributed using Genuitec Secure Delivery Center
- Adding and removing different components from MyEclipse simplified
- Access and install software from several Eclipse marketplaces from within MyEclipse
- Use the classic Eclipse update site wizard to add third party features and plugins

### ***Miscellaneous Updates***

- HTML / XHTML / JSP Visual Designers now work in Windows 64 and OS X Cocoa

- Embedded Tomcat 7 server now ships with MyEclipse, in addition to the embedded Tomcat 6 server
- TomEE server connector
- Embedded Derby server updated from version 10.2 to 10.9
- MyEclipse now runs with the latest 1.6 JDK - 1.6 update 43, this is also the default workspace JRE

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## 2. Recent Enhancements and Fixes

**NOTE:** *Not all enhancements and fixes that went into MyEclipse are listed below. We try and cull the list down to ones that were reported in the forums to help visibility of fixes for effected customers. Internally we track 100s of fixes against any given release.*

|       |   |                                      |
|-------|---|--------------------------------------|
| 23403 | [Activation] Manual Activation when using SDC is not supported  |                                      |
| 23484 | Activation code too long and uniform to be typed reliably   |                                      |
| 23254 | [Activation] Whether enabled or not, proxy information is always considered during activation                       |                                      |
| 19479 | [Activation] Activation behind a proxy with authentication fails  |                                      |
| 23630 | Unable to start Resin 4.0.35 server   | See <a href="#">link</a> for details |
| 22663 | No support for TomEE Server   |                                      |
| 18215 | [Tomcat] MyEclipse Tomcat 7 implementation  |                                      |
| 23406 | [Servers] Servers view should provide deployment status in a tooltip  |                                      |
| 23803 | [Geronimo 3.x] Server won't start if extracted to a directory containing spaces                                     |                                      |
| 21977 | Configure Tomcat server with just JRE instead of JDK  | See <a href="#">link</a> for details |
| 23536 | [JBoss] Provide server runtime for JBoss AS   |                                      |
| 21303 | Support for Apache Geronimo 3.0   |                                      |
| 23581 | [JCA] Incorrect schema URL used in the catalog  |                                      |
| 22874 | [Core] "Target Runtime" dropdown on the Project Facet wizards ignores target runtime already chosen for the project |                                      |
| 23591 | [Core] No way to configure new server runtimes from the 'New Project' wizards                                       |                                      |
| 23712 | [Core] Installed Capabilities group in MyEclipse property page does not include Web Fragment and Connector projects |                                      |

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|-------|--|--------------------------------------|
| 23442 | Not easy for users to renew MyEclipse from within product  |                                      |
| 22501 | Empty buttons on Installation Details screen   |                                      |
| 23313 | Configuring Mysql database connector logs an error in error log  |                                      |
| 21816 | [EAR] No options for creating ACP and JCA modules under 'Creation Tasks' group of an EAR wizard            |                                      |
| 10043 | [DB] Update integrated Derby version   |                                      |
| 22855 | Connection Profile Exception while overwriting an existing driver during driver Import                     |                                      |
| 11946 | [Deployment] Wrong synchronization for Java modules.   |                                      |
| 7058  | [Deployment] MyEclipse requires restart to see deployments for opened projects                             | See <a href="#">link</a> for details |
| 23505 | Reverse engineer creates problem in hbm.xml file   |                                      |
| 22507 | [Hibernate] ME generating deprecated code for Hibernate 4.1 SessionFactory class                           |                                      |
| 23610 | [Hibernate] Deprecated code generated in Hibernate 4 DAOs  | See <a href="#">link</a> for details |
| 22296 | Inconsistent behaviour of "Enable dynamic DB table creation" check box on Hibernate facet install page     |                                      |
| 23740 | ICEFaces 1.8.2 libraries incorrectly labeled as 1.8.1  |                                      |
| 21986 | ME doesn't install Swing Designer and SWT Designer by default  |                                      |
| 19737 | [JS] Validation issues with return in attributes   | See <a href="#">link</a> for details |
| 23465 | [JSF] Replace MyEclipse faces-config editor with WTP version   |                                      |
| 23401 | [JPA] Database assumed connected even if connection fails  |                                      |
| 23109 | [JSF]Wrong beginning replacement offset used when apply tag proposals in first child level of DOM Document |                                      |
| 22502 | Validator: JSP Tag Attribute Default to rtxprvalue=false   |                                      |
| 14436 | [Maven]Modules section of overview page in the MavenPOM editor is not updated properly                     |                                      |
| 19551 | [Maven] Series of warnings related to missing maven-ear-plugin when creating Maven projects                |                                      |
| 19526 | [Maven] Issues with Standard Maven-EAR1.4 projects   |                                      |
| 22499 | [Maven] Files get deployed to root folder of the server  |                                      |
| 10303 | MyEclipse deployer is ignoring the Maven "provided" scope value for deployed libraries                     | See <a href="#">link</a> for details |

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| 20585 | [Maven] webappDirectory is set to WebRoot  |                                      |
| 19524 | [Maven] test folders are being mapped with Deployment Assembly   |                                      |
| 19472 | [Maven] Synchronization problems between pom.xml and metadata  |                                      |
| 23293 | Importing existing maven projects - "Path for project must have only one segment" error                        |                                      |
| 20199 | Goals are missing for maven project  | See <a href="#">link</a> for details |
| 22504 | [Maven]Maven pom validator shows error for valid filter line if path contains profile defined property         |                                      |
| 21820 | [Maven] Opening folder without name under Workspace Projects in Maven Repos view results in error being logged |                                      |
| 17993 | [Maven] Java Compiler error for a web project when Maven dependency is added                                   |                                      |
| 21819 | [Maven] Expanding contents of nexus index hangs UI, while index is being updated                               |                                      |
| 23786 | [portlets] Incorrect version generated for jsr268 portlet.xml  |                                      |
| 23752 | [Migration] Better validation in the migration wizard  |                                      |
| 22583 | EJB / Web project creation preferences not respected by corresponding wizards                                  |                                      |
| 17545 | [Reports] Missing birt.tld error in MERSimple Reports EOD  |                                      |
| 9049  | [Reporting] One click debugging N/A for MER  |                                      |
| 22500 | [MER] MyEclipse JDBC data source property page shown incorrectly   |                                      |
| 23440 | Missing Quick View and New Report icons in the Reports perspective   |                                      |
| 22506 | [Spring] Spring 3.1 DAOs use deprecated code   |                                      |
| 22542 | [Hibernate] Search and add property actions in the hibernate session factory wizard fail                       |                                      |
| 22534 | Add property wizard for a bean in the Spring explorer view throws Unhandled event loop exception               |                                      |
| 23186 | [Spring] Spring-JPA support enabled for Spring 1 projects  |                                      |
| 8338  | [Spring] Properties action in Spring Explorer does not work  |                                      |
| 23584 | [Validation] Restarting when validator is running on projects could lead to several NPEs                       |                                      |
| 23876 | [Validation] JS syntax error markers on js file that's excluded from validation                                |                                      |
| 9343  | [JSF] JSF configuration files are not validated  |                                      |

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| 4437  | [JSF] validation does not recognize var attribute in datatable tag                                 | See <a href="#">link</a> for details |
| 6726  | [JSF] JSF Validator incorrectly marks action attribute as not valid navigation outcome             |                                      |
| 10006 | JSP validator does not mark errors in JSPX files   |                                      |
| 23817 | [PageDesigner] no HTML5 Palette available  |                                      |
| 23873 | [PageDesigner] Missing "rendering" of html 5   |                                      |
| 4149  | [JSP] Fragments cannot be found using absolute paths   | See <a href="#">link</a> for details |
| 7124  | [WD3] jsp preview doesn't render jsp include directives  |                                      |
| 23902 | [PageDesigner] Home and End keys do not work in Design pane  |                                      |
| 23743 | [Core][WS] Unable to assign WAS 5.x and 6.1 runtimes during migration of older JAX-RPC WS projects |                                      |
| 23599 | [WS] Unable to create a JAX-RS 1.4/1.3 project with Std-Maven support                              |                                      |
| 23346 | [WS] 'Configure Target server...' link on the WS/Client generation wizard is misleading            |                                      |
| 23205 | [jax-rs] Should include Server Libraries by default when creating jax-rs ws project                |                                      |
| 22903 | [WS] Generation of JAX-WS fails with NPE if project is Web 3.0 and no DD is present                |                                      |
| 11399 | [WS] Generating a client with "Enable asynch invocation" could cause generation to fail            |                                      |
| 23911 | [EAR] Adding a new module using Application.xml editor is counter-intuitive                        |                                      |
| 16814 | Way too difficult to import and run a WAR file   | See <a href="#">link</a> for details |

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### 3. Getting Help

MyEclipse provides the following free technical support resources:

- [MyEclipse FAQs](#)
- [MyEclipse Educational Material](#) (Tutorials, Demos, etc.)
- [MyEclipse Support Forums](#)

Commercial support options are also available from Genuitec.

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## ***4. License and OSS Information***

MyEclipse Enterprise Workbench 2013 is a product of [Genuitec](#), LLC and released under the [Genuitec End User License \(GEULA\)](#). This product includes open source modules. To view a list of the open source modules and their individual licenses see <install commons directory>com.genuitec.myeclipse.product/LICENSE directory. Click this [link](#) to access the public open source code used in MyEclipse.

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