Useful Eclipse Plugins

Introduction

The functionality of Eclipse can be extended with more plugins and these are often free and sometimes open source. They can usually be installed the same way as you first installed WOLips. Simply get the appropriate update "Update URL" for the plugin (or sometimes a selection of plugins are available from the author), create a remote update site and install. The remote update site URL can usually be found somewhere in the documentation and often is more convenient that downloading the files and installing from HD.

Of course, if you are reading this, it goes without saying that WOLips is **the most useful plugin** of all! 👍

Useful Plugins

Name	Details
EGit	Eclipse plugin for git version control http://www.eclipse.org/egit/download/ Update Site: • http://download.eclipse.org/egit/updates Do you want to use git for local private branching of your subversion working copy, or perhaps you want to use git locally on a project that is maintained in a remote subversion repository? Then don't use the git-svn tool, instead use the git+svn protocol to transparently use git on your local svn working copies. Happy local branching! 🙂
Subclipse	Essential Subversion client http://subclipse.tigris.org/ Update Site: • http://subclipse.tigris.org/update_1.6.x (For svn 1.6.x) Eclipse 3.2 + Pre-requisite: Subversion binaries already installed Instructions
AspectJ Development Tools (AJDT) for Eclipse	Easily apply AspectJ pointcuts in your code using this Eclipse Plugin. AspectJ itself is already included in the plugin, so you don;t need to download or install it separately. What Can I do with AspectJ? Simplistic Analogy: CSS styles select certain HTML elements and apply styles. AspectJ pointcut statements select blocks of code in your project and apply custom logic before, after or instead of those methods. AspectJ pointcuts select certain blocks of code (typically methods and constructors) in your code and allow you to "intercept" execution at the "joinpoints" before and after those blocks of code execute and dynamically insert logic to inspect the current caller (in some cases), the method being called, the arguments being passed. You can log out trace information, make assertions on the method arguments, modify method behavior, etc. In development AspectJ is useful for Tracing, Profiling and Logging, Pre- and Post- Conditions checking, Contract Enforcement and Configuration Management. One use case might be where you want to trace program flow. See this example. Learn More: http://www.eclipse.org/ajdt/gettingstarted.php Update Sites: Choose the update site on this page that matches the version of Eclipse you are using: http://www.eclipse.org/ajdt/downloads/
Jaspersoft Studio	JasperReports report editor plug-in. Check for updates every month since this is a new product under active development. http://jasperstudio.sourceforge.net/updates/site.xml **JasperReports Version Compatibility** Make sure you go to Jaspersoft Studio preferences in Eclipse preferences and select the current version of JasperReports that you are using for your project. It is easy to check the current version of JasperReports in Wonder by looking at the version in the JasperReports jar inside ERJasperReports/Libraries/. Turning on the Show compatability warning dialog checkbox might also be a good idea.

Zen Coding	Zen Coding is an editor plugin for high-speed HTML, XML, XSL (or any other structured code format) coding and editing. Just watch this demo video, and you will be convinced that you must have this plug-in! https://github.com/sergeche/eclipse-zencoding Update Site: • http://zen-coding.ru/eclipse/updates/
JSEclipse	JavaScript editor Update Site: http://download.macromedia.com/pub/labs/jseclipse/autoinstall/site.xml
QuickREx	Provides regular expression building tool in a View HomePage: http://www.bastian-bergerhoff.com/eclipse/features/web/QuickREx/toc.html Update Site: http://www.bastian-bergerhoff.com/eclipse/features
AnyEdit	AnyEdit plugin adds several new tools to the context menu of text- based Eclipse editors, to Eclipse main menu and editor toolbar. http://andrei.gmxhome.de/eclipse/ AnyEdit contributes also Import/Export working sets wizards. AnyEdit also allows you to automatically remove trailing whitespaces and/or perform tabs<->spaces conversion on a "save" action in all text-based Eclipse editors, and can show whitespace in text editors.
JD-Eclipse	On the fly decompilation of .class files - useful for debugging. http://java.decompiler.free.fr/?q=jdeclipse Update Sites: http://java.decompiler.free.fr/jd-eclipse/update
Jadclipse	On the fly decompilation of .class files - useful for debugging. http://jadclipse.sourceforge.net/ Works in association with pre-installed jad executable Update Sites: Eclipse 3.2: http://webobjects.mdimension.com/jadclipse/3.2 Eclipse 3.3: http://webobjects.mdimension.com/jadclipse/3.3 Eclipse 3.4: http://webobjects.mdimension.com/jadclipse/3.4
FindBugs	Finds bugs via static analysis. Update Site: http://findbugs.cs.umd.edu/eclipse
Metrics	Analyzes code and can identify problem areas where complexity is too high (long methods, too many parameters, too much indentation, etc.) Update Site: http://metrics.sourceforge.net/
PMD	Static code analysis, finds problems in your code Update Site: http://pmd.sf.net/eclipse
TestNG	Unit testing Update Site: http://beust.com/eclipse
CheckStyle	Checks your code is consistent with a customisable set of coding rules Update Site: http://eclipse-cs.sourceforge.net/update
Color Themes	http://www.eclipsecolorthemes.org/?view=theme&id=1013
JIRA Connector	Integrates JIRA bug tracking into Eclipse Mylyn task management http://update.atlassian.com/atlassian-eclipse-plugin/e3.6