

Development Tools

Welcome to Apache Geronimo Development Tools Subproject

The aim of this subproject is to provide a rich set of development tools for Geronimo, focusing on application development, migration, and IDE integration. Currently, the tools are:

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Geronimo Eclipse Plugin (GEP)

The Geronimo Eclipse Plugin (GEP) provides an integration between [Eclipse](#), its [Web Tools Platform \(WTP\) Project](#) and [Geronimo](#) that allows users to utilize WTP features to develop, deploy, debug and run applications for the Apache Geronimo application server.

The current release of the Geronimo Eclipse Plugin is v3.0.1, released on June 3, 2013. For details, see the:

- [Announcement](#)
- [3.0.1 Release Notes](#)

Prerequisites

- Java J2SE 1.6.0 or greater
- Eclipse IDE for Java EE Developers (Indigo (Eclipse 3.7.x) or Juno (Eclipse 4.2.x))
 - [Eclipse Indigo Download](#)
 - [Eclipse Juno Download](#)
- Apache Geronimo 1.1.x, 2.0.x, 2.1.x, 2.2.1 and 3.0.x server
 - [Apache Geronimo downloads](#)

Geronimo Eclipse Plugin FAQ's

Using GEP

1. [How to install Geronimo Eclipse Plugin](#) – including getting the GEP.
2. [How to Use Geronimo Eclipse Plugin](#)
3. [1-minute Hello World Web Application Tutorial](#)
4. [5-minute Tutorial on Enterprise Application Development with Eclipse and Geronimo](#)

Developing GEP and Geronimo

1. [How to Build Geronimo Eclipse Plugin from Source](#)
2. [How to Develop Geronimo Eclipse Plugin in Eclipse](#)
3. [Developing Geronimo in Eclipse](#)

Other

1. [How to get daily Geronimo Eclipse Plugin builds](#)
2. [How to open a bug for Geronimo Eclipse Plugin](#)

Issues and Questions

GEP issues are tracked in JIRA in the [GERONIMODEVTOOLS](#) project.
Questions about GEP can be asked on the Geronimo [mailing lists](#).
Eclipse Platform or WTP issues should be opened under the [Eclipse Bugzilla](#).
Other questions pertaining to Eclipse, WTP, or any Eclipse Project should be asked on the Eclipse Newsgroups.

For more details and information, see [How to open a bug for Geronimo Eclipse Plugin](#).

Previous Releases

- [How to install Geronimo Eclipse Plugin v2.1.7](#)
- [How to install Geronimo Eclipse Plugin v2.1.5](#)
- [How to install Geronimo Eclipse Plugin v2.1.3 or v2.1.4](#)
- [How to install Geronimo Eclipse Plugin v2.1.2](#)
- [How to install Geronimo Eclipse Plugin v2.1.0](#)
- [GEP v2.0.0](#) supports the v2.0 and v1.1 servers.
- [Release Notes of all releases](#)

Nightly Builds

Nightly builds are put on the eclipse update site <http://people.apache.org/builds/geronimo/eclipse/nightly/>.

This site has the same structure and content as the production eclipse update site <http://apache.org/dist/geronimo/eclipse/updates/>, with the addition of the latest nightly build of the current GEP release under development (trunk).

As with the production site, updatesite and deployable zip files are found in <http://people.apache.org/builds/geronimo/eclipse/nightly/>.

JBoss to Geronimo Migration Tool (J2G)

The JBoss to Geronimo Migration Tool (J2G) is an [Eclipse](#) plugin designed to assist in migrating the sources of an application written for the JBoss application server or written for Java 2 Enterprise Edition (J2EE) to the Apache Geronimo platform. More information can be found [here](#).

Prerequisites

1. Sun JDK 5.0+ (J2SE 1.5)
2. Eclipse SDK 3.3 with JDT Core Plugin
3. Apache Geronimo 1.1.1 and up
4. Application written for JBoss 3.2 and up or J2EE 1.2 and up

Downloads

Latest Release - Version 1.0.0

The first release of the J2G migration tool can be downloaded from the wiki page for the tool here:

Weekly Drivers

Unofficial weekly drivers are available for download from the [J2G nightly build site](#). The available builds should also be used with all official releases of Geronimo. These drivers require WTP 2.0.1 and its prerequisites.

Additional Information

1. [J2G installation/build instructions](#)
2. [J2G usage instructions](#)

Issues and Questions

Geronimo Eclipse or J2G Plugin issues can be opened in JIRA in the [GERONIMODEVTOOLS](#) project. Eclipse Platform or WTP issues should be opened under [Eclipse Bugzilla](#). Questions regarding either plugin can be asked on the Geronimo [mailing lists](#). Other questions pertaining to Eclipse, WTP, or any Eclipse Project should be asked on the [Eclipse Newsgroups](#).

News

2007-05-14

ApacheCon Europe 2007 in Amsterdam

Presentation titled [J2EE Application Development on Apache Geronimo Simplified using Eclipse](#)

2007-09-07

Above presentation updated for Java EE 5.0 and Geronimo 2.0.1

[Java EE 5.0 Application Development on Apache Geronimo Simplified using Eclipse](#)

2007-09-07

Java Developers Day 2007 in Krakow

To be added when available

2007-11-14

EclipseWorld 2007

Presentation titled "Using Eclipse and Geronimo to Develop, Debug, and Profile Java EE Applications, Part 1"

Presentation titled "Using Eclipse and Geronimo to Develop, Debug, and Profile Java EE Applications, Part 2"

To be added when available

2006-11-14

Webcast: Using the Geronimo Eclipse Plugin

This presentation will provide an introduction to the Eclipse Plugin to deploy and test applications to Apache Geronimo, the full-featured, fully-certified J2EE server from the Apache Software Foundation. Click [here](#) to access the webcast.