

# Configuring your development environment

This page describes various options to configure your development environment.

## Editing a server configuration

In order to edit the configuration of a server, double click on server in the *Servers* view to open the overview of the server as shown below.

The screenshot shows the 'Overview' configuration window for 'Apache Geronimo v2.2 Server at localhost'. The window is divided into several sections:

- General Information:** Fields for 'Server name' (Apache Geronimo v2.2 Server at localhost), 'Host name' (localhost), and 'Runtime Environment' (Apache Geronimo v2.2). A link 'Open launch configuration' is also present.
- Security:** A 'Manage Account' button and fields for 'User ID' (system) and 'Password' (masked).
- Test Environment:** Checkboxes for 'Enable in-place shared library support', 'No re-deployment when only JSP files are updated', 'Run modules directly from workspace', and 'Select the workspace classpath containers to be provided to the server'. A list of classpath containers is shown below.
- Publishing:** A section for publishing settings.
- Timeouts:** A section for timeouts.
- Publish Advanced:** A section for additional publishing options, including 'Publishing Timeout (ms)' (900000).
- Port Configuration:** Fields for 'HTTP Port' (8080) and 'RMI Naming Port' (1099).
- Console Output:** A section for selecting the server console output log level (INFO or DEBUG).
- Server Startup:** Fields for 'Ping Delay (ms)' (10000), 'Ping Interval (ms)' (5000), and 'Maximum Pings' (40).
- Server VM Arguments:** A text area for specifying Java VM arguments, with a 'Variables...' button.

- **General Information**

Edit the fields in this section to change the name of the server or to associate the Geronimo Server with a different *Apache Geronimo v2.1 Runtime*, or to change the hostname with which the Geronimo Server is associated.

- **Security**

The default User ID is **system** with a password **manager**. If your server installation uses a different set of credentials defined in the `.properties` file realm `geronimo-admin`, change these two fields accordingly. The credentials specified in these two fields are used to detect server status and deployment/undeployment of applications. You may click **Manage Account** to administer users on local server such as changing password of default user `system`, adding a new user into `admin` group and deleting an existing user.

- **Test Environment**

Select options in this section to change the default configurations for local test environment. See [Quick Debugging JSPs of your application](#) for more information about the JSP redeployment option.

- **Publishing**

All servers use the default publishing settings. The server can be configured to not publish automatically by selecting the **Never publish automatically** option. The publishing interval (15 seconds) can be changed by providing a new *Publishing interval*.

- **Timeouts**

Edit the *Start* and *Stop* timeouts to change the time limit for completing these operations.

- **Publish Advanced**

This field specifies the time limit for publishing.

- **Port Configuration**

The default HTTP and RMI ports are 8080 and 1099 respectively. If your server installation uses a different HTTP and/or RMI port, edit these values accordingly. Altering the values here does not change the corresponding ports in the associated Geronimo Server Runtime.

- **Console Output**

The default server console output log level is **INFO**. If you want to enable debug output to console, select **DEBUG**.

- **Server Startup**

The settings under this section control the ping thread that polls to the server to detect the server status when the server is started from within eclipse. *Ping delay* specifies the time the ping thread will wait before polling the server. *Ping interval* controls the time between successive pings.

*Maximum Pings* is the number of times the ping thread will poll the server to detect a successful startup. If the server startup can not be confirmed, the ping thread will stop the server.

In case of a remote server, Ping interval controls the time between successive pings to update the server status.

- **Server VM Arguments**

Any additional arguments to be passed on to the server VM can be specified here.

## Other Configurations

- [Assembling a server using GEP](#)
- [Using Eclipse XML tools in Apache Geronimo](#)
- [Configuring Geronimo Eclipse Plugin to publish Maven Dependencies as Shared Library](#)
- [Configuring Geronimo Eclipse Plugin to publish POJO projects as Shared Libraries](#)