

Making deployment plan changes with Geronimo Deployment Plan Editor

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Getting familiar with Geronimo Eclipse Plugin (GEP)

Using datasource pool wizard in GEP →

This article shows the usage of Geronimo Deployment Plan Editor to configure Geronimo deployment plans.

To modify deployment plans in Geronimo Deployment Plan Editor, as a minimum you will be required to have installed the following prerequisite software.

- Sun JDK 6.0+ (J2SE 1.6)
- Eclipse 3.4.1 (Eclipse Ganymede SR1 distribution) or Eclipse 3.5 (Eclipse Galileo)
- Apache Geronimo v2.2
- Geronimo Eclipse Plugin v2.2

We will consider the [Currency Converter](#) sample for the rest of this tutorial.

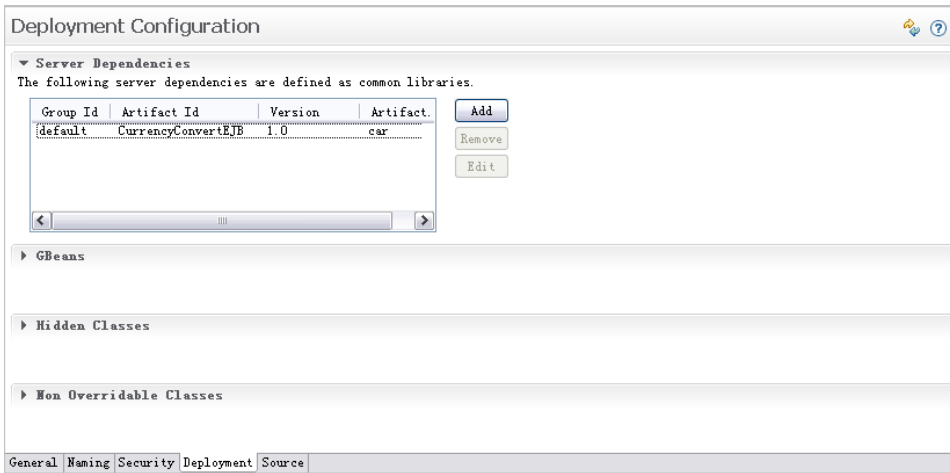
1. In **WebEJB** project, select **WebContent** -> **WEB-INF** -> **geronimo-web.xml**, right click and select **Open With** -> **Geronimo Deployment Plan Editor**.

The screenshot shows the 'Web Deployment Plan General Configuration' dialog box. It has two main sections: 'General' and 'Web Container'. The 'General' section includes fields for Group Id (default), Artifact Id (WebEJB), Version (1.0), and Artifact Type (car). There are also checkboxes for 'Inverse classloading', 'Suppress default environment', and 'Add a runtime dependency to Geronimo's shared library'. The 'Web Container' section has radio buttons for 'Specify as GBean Link' and 'Specify as GBean Pattern', followed by fields for Group Id, Artifact Id, Module Id, Name, and Version. At the bottom, there are tabs for 'General', 'Naming', 'Security', 'Deployment', and 'Source'.

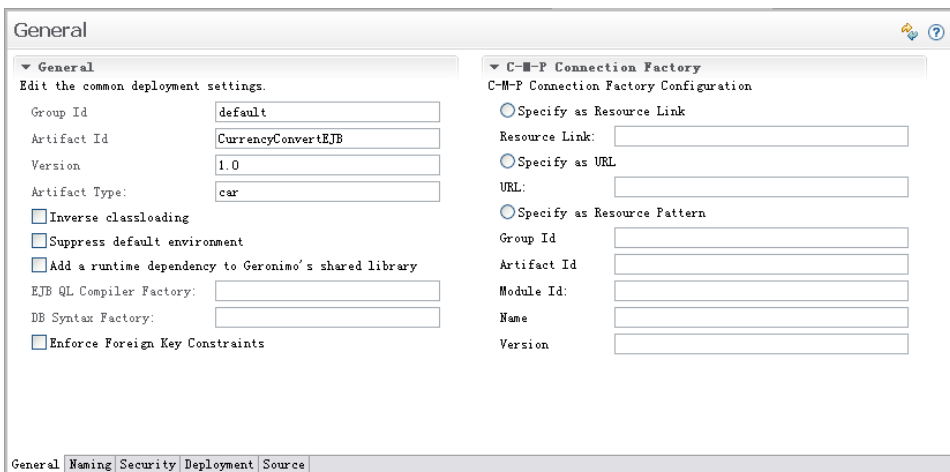
2. Selecting the **Naming** tab, you can configure all references of the Web application.

The screenshot shows the 'Defined References' dialog box. It has a section for 'EJB References' with a table containing one entry: 'ejb/Converter' with an 'EJB Link'. There are 'Add', 'Remove', and 'Edit' buttons next to the table. Below this, there are several expandable sections: 'Resource References', 'Service Refs', 'Resource Environment References', 'EJB Local References', 'GBean References', 'Persistence Context References', 'Persistence Unit References', and 'Message Destinations'.

3. You can add security options in the **Security** tab if necessary.
4. In the **Deployment** tab, you can edit all server dependencies or classloader configurations of the Web application.



- Once done open the **source** tab you can see the source code of the deployment plan.
- In **CurrencyConvertEJB** project, you can select **ejbModule** -> **META-INF** -> **openejb-jar.xml**, right click and select **Open With** -> **Geronimo Deployment Plan Editor**.



- Similarly you can make changes to **openejb-jar.xml** in the editor. Once you complete the configuration, open the **source** tab you can see the source code of the deployment plan.