

Plugins Group

A plugins group is basically a set of plugins for users to easily understand and consume. [Customizing server assemblies](#) will be easier and a plugins group can be installed as a regular plugin by using [deploy](#) command. There are 8 groups for different distribution with Web Container such as Tomcat and Jetty. We take Tomcat as an example here and introduce each plugin group and what plugins are included:

1. Geronimo Plugin Group :: Framework

- Description: This plugin group provides the framework functionality. It is required to build a working server.
- Plugin included:

Plugin name	ModuleId	description
Geronimo Assemblies :: Boilerplate Minimal	org.apache.geronimo.assemblies/geronimo-boilerplate//car	Provides boilerplate files for all Geronimo Server assemblies.
Geronimo Framework, Configs :: GShell Framework	org.apache.geronimo.framework/gshell-framework//car	Provides the GShell Framework used by the Geronimo Server.
Geronimo Framework, Configs :: GShell Geronimo	org.apache.geronimo.framework/gshell-geronimo//car	Provides the GShell commands to operate on the Geronimo Server.
Geronimo Framework, Configs :: GShell Remote	org.apache.geronimo.framework/gshell-remote//car	Provides the GShell commands to operate on a remote Geronimo Server.
Geronimo Framework, Configs :: J2EE System	org.apache.geronimo.framework/j2ee-system//car	Provides base geronimo server that sets up the kernel.
Geronimo Framework, Configs :: Client System	org.apache.geronimo.framework/client-system//car	Provides initial configuration for a demo Geronimo server.
Geronimo Framework, Configs :: RMI Naming	org.apache.geronimo.framework/rmi-naming//car	Provides fundamental geronimo services including the plugin installer.
Geronimo Framework, Configs :: Plugin Management	org.apache.geronimo.framework/plugin//car	Provides plugin functionality.
Geronimo Framework, Configs :: J2EE Security	org.apache.geronimo.framework/j2ee-security//car	Provides basic Geronimo server security infrastructure.
Geronimo Framework, Configs :: Server Security Configuration	org.apache.geronimo.framework/server-security-config//car	Provides sample security configuration for a demo geronimo server. Not suitable for production use.
Geronimo Framework, Configs :: Shutdown	org.apache.geronimo.framework/shutdown//car	Provides stop server functionality.
Geronimo Framework, Configs :: JSR-88 CLI	org.apache.geronimo.framework/jsr88-cli//car	Provides command line implementation of JSR-88 specification.

2. Geronimo Plugin Group :: WADI Clustering Tomcat

- Description: This plugin group provides WADI Clustering functionality for Tomcat.
- Plugins included:

Plugin name	ModuleId	description
Geronimo Plugins, Clustering :: Farming	org.apache.geronimo.configs/farming//car	Provides basic farming support.
Geronimo Plugins, Clustering :: WADI	org.apache.geronimo.configs/wadi-clustering//car	Provides Geronimo WADI integration.
Geronimo Plugins, Tomcat :: Clustering Builder for WADI	org.apache.geronimo.configs/openejb-clustering-builder-wadi//car	Provides openejb and WADI integration.
Geronimo Plugins, Tomcat :: Clustering over WADI	org.apache.geronimo.configs/tomcat6-clustering-builder-wadi//car	Provides deployment for WADI clustering on Tomcat 6.

3. Geronimo Plugin Group :: ejb

- Description: This plugin group provides EJB functionality.
- Plugins included:

Plugin name	ModuleId	description
Geronimo Plugins, Corba :: Deployer	org.apache.geronimo.configs/openejb-corba-deployer//car	Provides the Geronimo deployer for corba security configurations for openejb.
Geronimo Plugins, Corba :: Yoko ORB	org.apache.geronimo.configs/j2ee-corba-yoko//car	Provides Yoko Orb server setup with naming service, protected orb, and unprotected orb.
Geronimo Plugins, MEJB :: Config	org.apache.geronimo.configs/mejb//car	MEJB plugin.

4. Geronimo Plugin Group :: client

- Description: This plugin group provides Client functionality.
- Plugins included:

Plugin name	ModuleId	description
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Geronimo Plugins, Corba :: Client Yoko	org.apache.geronimo.configs/client-corba-yoko//car	Provides Geronimo deployer for corba security configurations for openejb.
Geronimo Plugins, Client :: Deployer	org.apache.geronimo.configs/client-deployer//car	Provides Geronimo deployer for standard JEE artifacts.
Geronimo Plugins, J2EE :: JSR-88	org.apache.geronimo.configs/jsr88-jar-configurer//car	Provides a base server that lets you implement offline JSR-88 APIs.

5. Geronimo Plugin Group :: Persistence

- Description: This plugin group provides Persistence functionality.
- Plugins included:

Plugin name	ModuleId	description
Geronimo Plugins, OpenJPA :: Deployer	org.apache.geronimo.configs/persistence-jpa10-deployer//car	Provides Geronimo Persistence Unit deployer.
Geronimo Plugins, OpenJPA :: OpenJPA	org.apache.geronimo.configs/openjpa//car	Provides OpenJPA plugin.

6. Geronimo Plugin Group :: Web Little-G Tomcat

- Description: This plugin group provides the little-G Tomcat functionality.
- Plugins included:

Plugin name	ModuleId	description
Geronimo Assemblies :: Boilerplate	org.apache.geronimo.assemblies/geronimo-boilerplate//car	Provides boilerplate files for all Geronimo Server assemblies.
Geronimo Framework, Configs :: CLI Upgrade	org.apache.geronimo.framework/upgrade-cli//car	Provides repository registration of a plugin.(<i>obsolete</i>)
Geronimo Framework, Configs :: Offline Deployer	org.apache.geronimo.framework/offline-deployer//car	Provides offline deployer.
Geronimo Plugins, Hot Deploy :: Deployer	org.apache.geronimo.configs/hot-deployer//car	Provides a substitute for using explicit deploy commands from maven, the command line, or the console.
Geronimo Plugins, J2EE :: JSR-88 EAR Configurer	org.apache.geronimo.configs/jsr88-ear-configurer//car	Provides ear implementation of JSR-88 specification.
Geronimo Plugins, J2EE :: JSR-88 RAR Configurer	org.apache.geronimo.configs/jsr88-rar-configurer//car	Provides rar implementation of JSR-88 specification.
Geronimo Plugins, J2EE :: JSR-88 WAR Configurer	org.apache.geronimo.configs/jsr88-war-configurer//car	Provides war implementation of JSR-88 specification.
Geronimo Plugins, Remote Deploy :: Tomcat	org.apache.geronimo.configs/remote-deploy-tomcat//car	Provides a Geronimo remote deploy upload servlet (Tomcat).
Geronimo Framework, Configs :: GShell Geronimo	org.apache.geronimo.framework/gshell-geronimo//car	Provides the GShell commands to operate on the Geronimo Server.
Geronimo Framework, Configs :: GShell Remote	org.apache.geronimo.framework/gshell-remote//car	Provides the GShell commands to operate on a remote Geronimo Server.
Geronimo Plugins, Remote Deploy :: Tomcat	org.apache.geronimo.configs/tomcat6-deployer//car	Provides the Geronimo deployer for Tomcat web container.
Geronimo Plugins, Jasper :: Deployer	org.apache.geronimo.configs/jasper-deployer//car	Provides the deployer for Jasper jsps. Installs injection support components.
Geronimo Plugins, Shared Library	org.apache.geronimo.configs/sharedlib//car	Shared Library GBean.

7. Geronimo Plugin Group :: Web Services Axis2

- Description: This plugin group provides Web Services Axis2 functionality.
- Plugins included:

Plugin name	ModuleId	description
Geronimo Plugins, AXIS :: Deployer	org.apache.geronimo.configs/axis-deployer//car	Provides the web Services Deployer for Geronimo Axis 1 integration.
Geronimo Plugins, AXIS2 :: Deployer	org.apache.geronimo.configs/axis2-deployer//car	Provides the web Services Deployer for Geronimo Axis 2 integration.
Geronimo Plugins, AXIS2 :: EJB Deployer	org.apache.geronimo.configs/axis2-ejb-deployer//car	Provides the Geronimo JAX-WS EJB deployer for Apache Axis2.
Geronimo Plugins, JAXWS :: Tools	org.apache.geronimo.configs/jaxws-tools//car	Provides JAX-WS command line tools.
Geronimo Plugins, CXF :: Tools CLI	org.apache.geronimo.configs/cxf-tools//car	Provides CXF JAX-WS command line tools.

8. Geronimo Plugin Group :: Web Services CXF

- Description: This plugin group provides Web Services CXF functionality.

- Plugins included:

Plugin name	ModuleId	description
Geronimo Plugins, AXIS :: Deployer	org.apache.geronimo.configs/axis-deployer//car	Provides web Services Deployer for Geronimo Axis 1 integration.
Geronimo Plugins, CXF :: Deployer	org.apache.geronimo.configs/cxf-deployer//car	Provides Geronimo JAX-WS deployer for Apache CXF.
Geronimo Plugins, CXF :: EJB Deployer	org.apache.geronimo.configs/cxf-ejb-deployer//car	Provides Geronimo JAX-WS EJB deployer for Apache CXF.
Geronimo Plugins, JAXWS :: Tools	org.apache.geronimo.configs/jaxws-tools//car	Provides JAX-WS command line tools.
Geronimo Plugins, CXF :: Tools CLI	org.apache.geronimo.configs/cxf-tools//car	Provides CXF JAX-WS command line tools.