

Deployment Plans

XML Schemas

Apache Geronimo v2.0 XML Schemas

Java EE Deployment Plans

Module Type	Geronimo Schema	Preferred Java EE Schema
General (Tomcat or Jetty) Web Application (WAR)	http://geronimo.apache.org/xml/ns/j2ee/web-2.0	web-app_2_5.xsd
Tomcat-Only Web Application (WAR)	http://geronimo.apache.org/xml/ns/j2ee/web/tomcat-2.0	web-app_2_5.xsd
Jetty-Only Web Application (WAR)	http://geronimo.apache.org/xml/ns/j2ee/web/jetty-2.0	web-app_2_5.xsd
EJB (JAR)	http://www.openejb.org/xml/ns/openejb-jar-2.1	ejb-jar_3_0.xsd
J2EE Connector (RAR)	http://geronimo.apache.org/xml/ns/j2ee/connector-1.2	connector_1_5.xsd
Application Client (JAR)	http://geronimo.apache.org/xml/ns/j2ee/application-client-2.0	application-client_5.xsd
Application (EAR)	http://geronimo.apache.org/xml/ns/j2ee/application-2.0	application_5.xsd

Common Elements & Configuration

Module Type	Geronimo Schema	Description
Server Plans & Common Elements	http://geronimo.apache.org/xml/ns/deployment-1.2	Used to deploy new services in Geronimo in a standalone plan, and also contains common elements used by many other plans.
Geronimo Plugin Descriptor	http://geronimo.apache.org/xml/ns/plugins-1.2	Metadata on a Geronimo plugin or a list of available Geronimo plugins.
Security Mapping	http://geronimo.apache.org/xml/ns/security-2.0	Common security elements used by other plans.
Security Realms	http://geronimo.apache.org/xml/ns/loginconfig-2.0	Abbreviated syntax for configuring security realm and login module GBeans. You can either manually configure multiple GBeans or declare a single GBean for the realm using this to configure all the login modules.
Naming	http://geronimo.apache.org/xml/ns/naming-1.2	Common elements for references to other components (EJBs, database pools, JMS resources, J2EE Connectors, Web Services, etc.)
Primary Key Generator	http://www.openejb.org/xml/ns/pkggen-2.0	Abbreviated syntax for configuring primary key generators for CMP entity beans. Avoids manually configuring and wiring up PK generator GBeans.
CORBA CSS Configuration	http://openejb.apache.org/xml/ns/corba-css-config-2.1	Abbreviated syntax for configuring security for clients accessing remote EJBs via CORBA.
CORBA TSS Configuration	http://openejb.apache.org/xml/ns/corba-tss-config-2.1	Abbreviated syntax for configuring security for EJBs exposed via CORBA.
config.xml	http://geronimo.apache.org/xml/ns/attributes-1.2	The format of the <code>var/config/config.xml</code> file.

Tomcat Web App Configuration	http://geronimo.apache.org/xml/ns/web/tomcat/config-1.0	If you use the generic (<code>geronimo-web-2.0.xsd</code>) web application configuration, you can use these elements in the <code>container-config</code> element to configure Tomcat-specific behavior.
Jetty Web App Configuration	http://geronimo.apache.org/xml/ns/web/jetty/config-1.0	If you use the generic (<code>geronimo-web-2.0.xsd</code>) web application configuration, you can use these elements in the <code>container-config</code> element to configure Jetty-specific behavior.

Java EE Deployment Plans

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Jetty-Only Web Application (WAR)	http://geronimo.apache.org/xml/ns/j2ee/web/jetty-2.0	<code>web-app_2_5.xsd</code>
EJB (JAR)	http://www.openejb.org/xml/ns/openejb-jar-2.1	<code>ejb-jar_3_0.xsd</code>
J2EE Connector (RAR)	http://geronimo.apache.org/xml/ns/j2ee/connector-1.2	<code>connector_1_5.xsd</code>
Application Client (JAR)	http://geronimo.apache.org/xml/ns/j2ee/application-client-2.0	<code>application-client_5.xsd</code>
Application (EAR)	http://geronimo.apache.org/xml/ns/j2ee/application-2.0	<code>application_5.xsd</code>

Common Elements & Configuration

Module Type	Geronimo Schema	Description
Server Plans & Common Elements	http://geronimo.apache.org/xml/ns/deployment-1.2	Used to deploy new services in Geronimo in a standalone plan, and also contains common elements used by many other plans.
Geronimo Plugin Descriptor	http://geronimo.apache.org/xml/ns/plugins-1.2	Metadata on a Geronimo plugin or a list of available Geronimo plugins.
Security Mapping	http://geronimo.apache.org/xml/ns/security-2.0	Common security elements used by other plans.
Security Realms	http://geronimo.apache.org/xml/ns/loginconfig-2.0	Abbreviated syntax for configuring security realm and login module GBeans. You can either manually configure multiple GBeans or declare a single GBean for the realm using this to configure all the login modules.
Naming	http://geronimo.apache.org/xml/ns/naming-1.2	Common elements for references to other components (EJBs, database pools, JMS resources, J2EE Connectors, Web Services, etc.)
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CORBA TSS Configuration	http://openejb.apache.org/xml/ns/corba-tss-config-2.1	Abbreviated syntax for configuring security for EJBs exposed via CORBA.
<code>config.xml</code>	http://geronimo.apache.org/xml/ns/attributes-1.2	The format of the <code>var/config/config.xml</code> file.
Tomcat Web App Configuration	http://geronimo.apache.org/xml/ns/web/tomcat/config-1.0	If you use the generic (<code>geronimo-web-2.0.xsd</code>) web application configuration, you can use these elements in the <code>container-config</code> element to configure Tomcat-specific behavior.

Jetty Web App Configuration	http://geronimo.apache.org/xml/ns/web/jetty/config-1.0	If you use the generic (<code>geronimo-web-2.0.xsd</code>) web application configuration, you can use these elements in the <code>container-config</code> element to configure Jetty-specific behavior.
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Resources

Applications

Depending on the type of application you are deploying you will need a different type of deployment plan. The following table illustrates the standard JEE deployment descriptors as well as those specific to Apache Geronimo.

File	Standard JEE deployment descriptors	Apache Geronimo specific Deployment plan
Web Application Archive (WAR)	web.xml	geronimo-web.xml
Enterprise Web application archive (EAR)	application.xml	geronimo-application.xml
J2EE Connector resources archive (RAR)	ra.xml	geronimo-ra.xml
J2EE client application archive (JAR)	client.xml	geronimo-application-client.xml
JAR containing EJBs	ejb-jar.xml	openejb-jar.xml

geronimo-web.xml

geronimo-application.xml

geronimo-ra.xml

geronimo-application-client.xml

openejb-jar.xml

See [openejb-jar.xml](#)