Geronimo 3.x

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Container Features

Feature name	Java	Ant	Maven2	Comment
Container Instantiation	✅ `ContainerFactory.createContainer("geronimo3x"...)`	✅ `<cargo containerId="geronimo3x".../>`	✅ `<containerId>geronimo3x</containerId>`	
Local Container	✅	✅	✅	
Container Classpath	✅	✅	✅	
Container Start	✅	✅	✅	
Container Stop	✅	✅	✅	
Container Timeout	✅	✅	✅	
Embedded Container	❌	❌	❌	
Installed Container	✅ `o.c.c.c.geronimo.Geronimo3xInstalledLocalContainer`	✅	✅	
Passing system properties	✅	✅	✅	
Installer	✅	✅	✅	
Remote Container	❌	❌	❌	

Configuration Features

Feature name	Java	Ant	Maven2	Comment

Standalone Local Configuration for installed container	✅ `o.c.c.c.geronimo.Geronimo3xStandaloneLocalConfiguration`	✅	✅	
Standalone Local Configuration for embedded container	❌	❌	❌	
Existing Local Configuration for installed container	✅ `o.c.c.c.geronimo.GeronimoExistingLocalConfiguration`	✅	✅	
Existing Local Configuration for embedded container	❌	❌	❌	
Runtime Configuration	❌	❌	❌	
Static deployment of WAR	✅	✅	✅	
Static deployment of expanded WAR	❌	❌	❌	The Apache Geronimo container does not support expanded WARs
Static deployment of EJB	❌	❌	❌	
Static deployment of EAR	✅	✅	✅	
Static deployment of RAR	❌	❌	❌	
Static deployment of files	✅	✅	✅	
Static deployment of OSGi Bundles	✅	✅	✅	

Deployer Features

Feature name	Java	Ant	Maven2	Comment

Installed Deployer	✅ `o.c.c.c.geronimo.GeronimoInstalledLocalDeployer`	✅	✅	
Embedded Deployer	❌	❌	❌	
Remote Deployer	❌	❌	❌	

Other Features

Feature name	Java	Ant	Maven2	Comment
Debugging	✅	✅	✅	

Supported Configuration properties

The tables below list both the general configuration properties as well as the container-specific ones.

Standalone Local Configuration Properties

For installed container o.c.c.c.geronimo.Geronimo3xInstalledLocalContainer

Property name	Java Property	Supported?	Default value	Javadoc
cargo.geronimo.log.console	GeronimoPropertySet.GERONIMO_CONSOLE_LOGLEVEL	✅	`INFO`	★
cargo.geronimo.log.file	GeronimoPropertySet.GERONIMO_FILE_LOGLEVEL	✅	`DEBUG`	★
cargo.geronimo.users	GeronimoPropertySet.GERONIMO_USERS	✅	N/A	★
cargo.hostname	GeneralPropertySet.HOSTNAME	✅	`localhost`	★
cargo.java.home	GeneralPropertySet.JAVA_HOME	✅	*JAVA_HOME version 6 or newer*	★
cargo.jvmargs	GeneralPropertySet.JVMARGS	✅	N/A	★

cargo.logging	GeneralPropertySet.LOGGING	❌	medium	
cargo.port.offset	GeneralPropertySet.PORT_OFFSET	✅	0	⭐
cargo.process.spawn	GeneralPropertySet.SPAWN_PROCESS	✅	false	⭐
cargo.protocol	GeneralPropertySet.PROTOCOL	❌	http	
cargo.remote.password	RemotePropertySet.PASSWORD	✅	manager	⭐
cargo.remote.username	RemotePropertySet.USERNAME	✅	system	⭐
cargo.rmi.port	GeneralPropertySet.RMI_PORT	✅	1099	⭐
cargo.runtime.args	GeneralPropertySet.RUNTIME_ARGS	✅	N/A	⭐
cargo.servlet.port	ServletPropertySet.PORT	✅	8080	⭐
cargo.servlet.users	ServletPropertySet.USERS	❌	N/A	
cargo.standalone.ignoreNonExistingProperties	GeneralPropertySet.IGNORE_NON_EXISTING_PROPERTIES	✅	false	⭐

Datasource and Resource configuration

In addition to the forementioned properties, this container configuration can also set up datasources and/or resources.

For more details, please read: DataSource and Resource Support.

Existing Local Configuration Properties

For installed container o.c.c.c.geronimo.Geronimo3xInstalledLocalContainer

Property name	Java Property	Supported?	Default value	Javadoc

cargo.hostname	GeneralPropertySet.HOSTNAME	✅	`localhost`	⭐
cargo.java.home	GeneralPropertySet.JAVA_HOME	✅	*JAVA_HOME version 6 or newer*	⭐
cargo.port.offset	GeneralPropertySet.PORT_OFFSET	✅	`0`	⭐
cargo.process.spawn	GeneralPropertySet.SPAWN_PROCESS	✅	`false`	⭐
cargo.protocol	GeneralPropertySet.PROTOCOL	❌	`http`	
cargo.remote.password	RemotePropertySet.PASSWORD	✅	`manager`	⭐
cargo.remote.username	RemotePropertySet.USERNAME	✅	`system`	⭐
cargo.rmi.port	GeneralPropertySet.RMI_PORT	✅	`1099`	⭐
cargo.servlet.port	ServletPropertySet.PORT	❌	`8080`	

Tested On

This container is automatically tested on its server using the Codehaus Cargo Continous Integration System once a day.

- The server used for tests is downloaded from: http://archive.eu.apache.org/dist/geronimo/3.0.1/geronimo-tomcat7-javaee6-3.0.1-bin.zip
- Link to the build plan: https://bamboo-ci.codehaus.org/browse/CARGO-SAMPLESGERONIMO3X