Glassfish 3.x

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Container Features

Feature name	Java	Ant	Maven2	Comment
Container Instantiation	✅ `ContainerFactory.createContainer("glassfish3x"...)`	✅ `<cargo containerId="glassfish3x".../>`	✅ `<containerId>glassfish3x</containerId>`	
Local Container	✅	✅	✅	
Container Classpath	✅	✅	✅	
Container Start	✅	✅	✅	
Container Stop	✅	✅	✅	
Container Timeout	✅	✅	✅	
Embedded Container	❌	❌	❌	
Installed Container	✅ `o.c.c.c.glassfish.GlassFish3xInstalledLocalContainer`	✅	✅	
Passing system properties	✅	✅	✅	
Installer	✅	✅	✅	
Remote Container	✅ `o.c.c.c.glassfish.GlassFish3xRemoteContainer`	✅	✅	

Configuration Features

Feature name	Java	Ant	Maven2	Comment

Standalone Local Configuration for installed container	✅ `o.c.c.c.glassfish.GlassFish3xStandaloneLocalConfiguration`	✅	✅	
Standalone Local Configuration for embedded container	❌	❌	❌	
Existing Local Configuration for installed container	✅ `o.c.c.c.glassfish.GlassFishExistingLocalConfiguration`	✅	✅	
Existing Local Configuration for embedded container	❌	❌	❌	
Runtime Configuration	✅ `o.c.c.c.glassfish.GlassFish3xRuntimeConfiguration`	✅	✅	
Static deployment of WAR	✅	✅	✅	
Static deployment of expanded WAR	✅	✅	✅	
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.glassfish.GlassFish3xInstalledLocalDeployer`	✅	✅	
Embedded Deployer	❌	❌	❌	
Remote Deployer	✅ `o.c.c.c.glassfish.GlassFish3xRemoteDeployer`	✅	✅	

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.glassfish.GlassFish3xInstalledLocalContainer

Property name	Java Property	Supported?	Default value	Javadoc
cargo.glassfish.admin.port	GlassFishPropertySet.ADMIN_PORT	✅	`4848`	⭐
cargo.glassfish.domain.debug	GlassFishPropertySet.DEBUG_MODE	✅	`false`	⭐
cargo.glassfish.domain.jmxPort	GlassFishPropertySet.JMX_ADMIN_PORT	✅	`8686`	⭐
cargo.glassfish.domain.name	GlassFishPropertySet.DOMAIN_NAME	✅	`cargo-domain`	⭐
cargo.glassfish.http.ssl.port	GlassFishPropertySet.HTTPS_PORT	✅	`8181`	⭐
cargo.glassfish.java.debugger.port	GlassFishPropertySet.DEBUGGER_PORT	✅	`9009`	⭐

cargo.glassfish.jms.port	GlassFishPropertySet.JMS_PORT	✅	7676	⭐
cargo.glassfish.orb.listener.port	GlassFishPropertySet.IIOP_PORT	✅	3700	⭐
cargo.glassfish.orb.mutualauth.port	GlassFishPropertySet.IIOP_MUTUAL_AUTH_PORT	✅	3920	⭐
cargo.glassfish.orb.ssl.port	GlassFishPropertySet.IIOPS_PORT	✅	3820	⭐
cargo.glassfish.osgi.shell.telnet.port	GlassFishPropertySet.OSGI_SHELL_PORT	✅	6666	⭐
cargo.glassfish.portbase	GlassFishPropertySet.PORT_BASE	✅	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	✅	adminadmin	⭐
cargo.remote.username	RemotePropertySet.USERNAME	✅	admin	⭐
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.glassfish.GlassFish3xInstalledLocalContainer

Property name	Java Property	Supported?	Default value	Javadoc
cargo.glassfish.admin.port	GlassFishPropertySet.ADMIN_PORT	✅	4848	★
cargo.glassfish.domain.debug	GlassFishPropertySet.DEBUG_MODE	✅	false	★
cargo.glassfish.domain.name	GlassFishPropertySet.DOMAIN_NAME	✅	cargo-domain	★
cargo.hostname	GeneralPropertySet.HOSTNAME	✅	localhost	★
cargo.port.offset	GeneralPropertySet.PORT_OFFSET	✅	0	★
cargo.process.spawn	GeneralPropertySet.SPAWN_PROCESS	✅	false	★
cargo.remote.password	RemotePropertySet.PASSWORD	✅	adminadmin	★
cargo.remote.username	RemotePropertySet.USERNAME	✅	admin	★

cargo.servlet.port	ServletPropertySet.PORT	✅	8080	⭐

Runtime Configuration Properties

> ℹ Before using the GlassFish remote deployer, please read: JSR88

For remote container o.c.c.c.glassfish.GlassFish3xRemoteContainer

Property name	Java Property	Supported?	Default value	Javadoc
cargo.glassfish.admin.port	GlassFishPropertySet.ADMIN_PORT	✅	4848	⭐
cargo.hostname	GeneralPropertySet.HOSTNAME	✅	localhost	⭐
cargo.remote.password	RemotePropertySet.PASSWORD	✅	adminadmin	⭐
cargo.remote.username	RemotePropertySet.USERNAME	✅	admin	⭐

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://download.java.net/glassfish/3.1.2.2/release/glassfish-3.1.2.2.zip
- Link to the build plan: https://bamboo-ci.codehaus.org/browse/CARGO-SAMPLESGLASSFISH3X