JOnAS 5.x

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Container Features

Feature name	Java	Ant	Maven2	Comment
Container Instantiation	✅ `ContainerFactory.createContainer("jonas5x"...)`	✅ `<cargo containerId="jonas5x".../>`	✅ `<containerId>jonas5x</containerId>`	
Local Container	✅	✅	✅	
Container Classpath	✅	✅	✅	
Container Start	✅	✅	✅	
Container Stop	✅	✅	✅	
Container Timeout	✅	✅	✅	
Embedded Container	❌	❌	❌	
Installed Container	✅ `o.c.c.c.jonas.Jonas5xInstalledLocalContainer`	✅	✅	
Passing system properties	✅	✅	✅	
Installer	✅	✅	✅	
Remote Container	✅ `o.c.c.c.jonas.Jonas5xRemoteContainer`	✅	✅	

Configuration Features

Feature name	Java	Ant	Maven2	Comment

Standalone Local Configuration for installed container	✅ `o.c.c.c.jonas.Jonas5xStandaloneLocalConfiguration`	✅	✅	
Standalone Local Configuration for embedded container	❌	❌	❌	
Existing Local Configuration for installed container	✅ `o.c.c.c.jonas.Jonas5xExistingLocalConfiguration`	✅	✅	
Existing Local Configuration for embedded container	❌	❌	❌	
Runtime Configuration	✅ `o.c.c.c.jonas.Jonas5xRuntimeConfiguration`	✅	✅	
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

> ⚠ The `jonas5x` local deployer requires the target JOnAS server to be in `development` mode.
>
> If this is not the case, please use the `jonas5x` remote deployer.
> Note that the `jonas5x` remote deployer can be used on a local server by setting the `GeneralPropertySet.HOSTNAME` parameter to `localhost`.

Feature name	Java	Ant	Maven2	Comment
Installed Deployer	✅ `o.c.c.c.jonas.Jonas5xInstalledLocalDeployer`	✅	✅	
Embedded Deployer	❌	❌	❌	
Remote Deployer	✅ `o.c.c.c.jonas.Jonas5xJsr160RemoteDeployer`	✅	✅	

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.jonas.Jonas5xInstalledLocalContainer

Property name	Java Property	Supported?	Default value	Javadoc
cargo.hostname	GeneralPropertySet.HOSTNAME	✅	`localhost`	★
cargo.java.home	GeneralPropertySet.JAVA_HOME	✅	*JAVA_HOME version 5 or newer*	★
cargo.jonas.domain.name	JonasPropertySet.JONAS_DOMAIN_NAME	✅	`jonas`	★

cargo.jonas.jms.port	JonasPropertySet.JONAS_JMS_PORT	✅	16010	⭐
cargo.jonas.server.name	JonasPropertySet.JONAS_SERVER_NAME	✅	jonas	⭐
cargo.jonas.services.list	JonasPropertySet.JONAS_SERVICES_LIST	✅	registry,jmx,jtm,db,dbm,security,resource,ejb2,ejb3,jaxws,web,ear,depmonitor	⭐
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.rmi.port	GeneralPropertySet.RMI_PORT	✅	1099	⭐
cargo.runtime.args	GeneralPropertySet.RUNTIME_ARGS	✅	N/A	⭐
cargo.servlet.port	ServletPropertySet.PORT	✅	9000	⭐
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.

> In addition to the forementioned properties, you can set any JOnAS configuration property that's configurable via the JOnAS configurator using the `cargo.jonas.configurator` prefix. For example, to set the Tomcat AJP port, use the the property `cargo.jonas.configurator.ajpPort` and give the value you like.

Existing Local Configuration Properties

For installed container o.c.c.c.jonas.Jonas5xInstalledLocalContainer

Property name	Java Property	Supported?	Default value	Javadoc
cargo.hostname	GeneralPropertySet.HOSTNAME	✅	`localhost`	★
cargo.java.home	GeneralPropertySet.JAVA_HOME	✅	*JAVA_HOME version 5 or newer*	★
cargo.jonas.domain.name	JonasPropertySet.JONAS_DOMAIN_NAME	✅	`jonas`	★
cargo.jonas.server.name	JonasPropertySet.JONAS_SERVER_NAME	✅	`jonas`	★
cargo.port.offset	GeneralPropertySet.PORT_OFFSET	✅	`0`	★
cargo.process.spawn	GeneralPropertySet.SPAWN_PROCESS	✅	`false`	★
cargo.rmi.port	GeneralPropertySet.RMI_PORT	✅	`1099`	★
cargo.servlet.port	ServletPropertySet.PORT	✅	`9000`	★

Runtime Configuration Properties

For remote container o.c.c.c.jonas.Jonas5xRemoteContainer

Property name	Java Property	Supported?	Default value	Javadoc
cargo.hostname	GeneralPropertySet.HOSTNAME	✅	`localhost`	★

cargo.jonas.cluster.name	JonasPropertySet.JONAS_CLUSTER_NAME	✅	N/A	⭐
cargo.jonas.deployable.identifier	JonasPropertySet.JONAS_DEPLOYABLE_IDENTIFIER	✅	N/A	⭐
cargo.jonas.domain.name	JonasPropertySet.JONAS_DOMAIN_NAME	✅	`jonas`	⭐
cargo.jonas.jndi.initial.context.factory	JonasPropertySet.JONAS_MEJB_JNDI_INIT_CTX_FACT	✅	N/A	⭐
cargo.jonas.jndi.mejb.path	JonasPropertySet.JONAS_MEJB_JNDI_PATH	✅	N/A	⭐
cargo.jonas.mejb.jaas.entry	JonasPropertySet.JONAS_MEJB_JAAS_ENTRY	✅	N/A	⭐
cargo.jonas.mejb.jaas.file	JonasPropertySet.JONAS_MEJB_JAAS_FILE	✅	N/A	⭐
cargo.jonas.server.name	JonasPropertySet.JONAS_SERVER_NAME	✅	`jonas`	⭐
cargo.jonas.undeploy.ignoreVersion	JonasPropertySet.JONAS_UNDEPLOY_IGNORE_VERSION	✅	`false`	⭐
cargo.remote.password	RemotePropertySet.PASSWORD	✅	N/A	⭐
cargo.remote.uri	RemotePropertySet.URI	✅	N/A	⭐
cargo.remote.username	RemotePropertySet.USERNAME	✅	N/A	⭐
cargo.rmi.port	GeneralPropertySet.RMI_PORT	✅	`1099`	⭐

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://repo1.maven.org/maven2/org/ow2/jonas/assemblies/profiles/jonas-full/5.2.4/jonas-full-5.2.4-bin.tar.gz
- Link to the build plan: https://bamboo-ci.codehaus.org/browse/CARGO-SAMPLESJONAS5X