JOnAS 4.x

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Container Features

Feature name	Java	Ant	Maven2	Comment
Container Instantiation	✅ `ContainerFactory.createContainer("jonas4x"...)`	✅ `<cargo containerId="jonas4x".../>`	✅ `<containerId>jonas4x</containerId>`	
Local Container	✅	✅	✅	
Container Classpath	✅	✅	✅	
Container Start	✅	✅	✅	
Container Stop	✅	✅	✅	
Container Timeout	✅	✅	✅	
Embedded Container	❌	❌	❌	
Installed Container	✅ `o.c.c.c.jonas.Jonas4xInstalledLocalContainer`	✅	✅	
Passing system properties	✅	✅	✅	
Installer	✅	✅	✅	
Remote Container	✅ `o.c.c.c.jonas.Jonas4xRemoteContainer`	✅	✅	

Configuration Features

Feature name	Java	Ant	Maven2	Comment

Standalone Local Configuration for installed container	✅ `o.c.c.c.jonas.Jonas4xStandaloneLocalConfiguration`	✅	✅	
Standalone Local Configuration for embedded container	❌	❌	❌	
Existing Local Configuration for installed container	✅ `o.c.c.c.jonas.Jonas4xExistingLocalConfiguration`	✅	✅	
Existing Local Configuration for embedded container	❌	❌	❌	
Runtime Configuration	✅ `o.c.c.c.jonas.Jonas4xRuntimeConfiguration`	✅	✅	
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.jonas.Jonas4xInstalledLocalDeployer`	✅	✅	
Embedded Deployer	❌	❌	❌	
Remote Deployer	✅ `o.c.c.c.jonas.Jonas4xJsr160RemoteDeployer`	✅	✅	

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.Jonas4xInstalledLocalContainer

Property name	Java Property	Supported?	Default value	Javadoc
cargo.hostname	GeneralPropertySet.HOSTNAME	✅	`localhost`	★
cargo.java.home	GeneralPropertySet.JAVA_HOME	✅	*JAVA_HOME version 4 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,ejb,ws,web,ear`	⭐
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.Jonas4xInstalledLocalContainer

Property name	Java Property	Supported?	Default value	Javadoc
cargo.hostname	GeneralPropertySet.HOSTNAME	✅	`localhost`	
cargo.java.home	GeneralPropertySet.JAVA_HOME	✅	*JAVA_HOME version 4 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.Jonas4xRemoteContainer

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.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://download.fr.forge.objectweb.org/jonas/jonas4.10.9-tomcat5.5.28.tgz
- Link to the build plan: https://bamboo-ci.codehaus.org/browse/CARGO-SAMPLESJONAS4X