Tomcat 4.x

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Container Features

Feature name	Java	Ant	Maven2	Comment
Container Instantiation	✅ `ContainerFactory.createContainer("tomcat4x"...)`	✅ `<cargo containerId="tomcat4x".../>`	✅ `<containerId>tomcat4x</containerId>`	
Local Container	✅	✅	✅	
Container Classpath	✅	✅	✅	
Container Start	✅	✅	✅	
Container Stop	✅	✅	✅	
Container Timeout	✅	✅	✅	
Embedded Container	❌	❌	❌	
Installed Container	✅ `o.c.c.c.tomcat.Tomcat4xInstalledLocalContainer`	✅	✅	
Passing system properties	✅	✅	✅	
Installer	✅	✅	✅	
Remote Container	✅ `o.c.c.c.tomcat.Tomcat4xRemoteContainer`	✅	✅	

Configuration Features

Feature name	Java	Ant	Maven2	Comment

Standalone Local Configuration for installed container	✅ `o.c.c.c.tomcat.Tomcat4xStandaloneLocalConfiguration`	✅	✅	
Standalone Local Configuration for embedded container	❌	❌	❌	
Existing Local Configuration for installed container	✅ `o.c.c.c.tomcat.TomcatExistingLocalConfiguration`	✅	✅	
Existing Local Configuration for embedded container	❌	❌	❌	
Runtime Configuration	✅ `o.c.c.c.tomcat.TomcatRuntimeConfiguration`	✅	✅	
Static deployment of WAR	✅	✅	✅	Does not support `META-INF/context.xml` files yet
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.tomcat.TomcatCopyingInstalledLocalDeployer`	✅	✅	
Embedded Deployer	❌	❌	❌	
Remote Deployer	✅ `o.c.c.c.tomcat.Tomcat4xRemoteDeployer`	✅	✅	

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.tomcat.Tomcat4xInstalledLocalContainer

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.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.runtime.args	GeneralPropertySet.RUNTIME_ARGS	✅	N/A	⭐
cargo.servlet.port	ServletPropertySet.PORT	✅	`8080`	⭐
cargo.servlet.uriencoding	GeneralPropertySet.URI_ENCODING	✅	`ISO-8859-1`	⭐
cargo.servlet.users	ServletPropertySet.USERS	✅	`admin::manager`	⭐
cargo.standalone.ignoreNonExistingProperties	GeneralPropertySet.IGNORE_NON_EXISTING_PROPERTIES	✅	`false`	⭐
cargo.tomcat.ajp.port	TomcatPropertySet.AJP_PORT	✅	`8009`	⭐
cargo.tomcat.context.reloadable	TomcatPropertySet.CONTEXT_RELOADABLE	✅	`false`	⭐
cargo.tomcat.copywars	TomcatPropertySet.COPY_WARS	✅	`true`	⭐
cargo.tomcat.webappsDirectory	TomcatPropertySet.WEBAPPS_DIRECTORY	✅	`webapps`	⭐

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.tomcat.Tomcat4xInstalledLocalContainer

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.port.offset	GeneralPropertySet.PORT_OFFSET	✅	`0`	★
cargo.process.spawn	GeneralPropertySet.SPAWN_PROCESS	✅	`false`	★
cargo.protocol	GeneralPropertySet.PROTOCOL	✅	`http`	★
cargo.servlet.port	ServletPropertySet.PORT	✅	`8080`	★

Runtime Configuration Properties

For remote container o.c.c.c.tomcat.Tomcat4xRemoteContainer

Property name	Java Property	Supported?	Default value	Javadoc
cargo.hostname	GeneralPropertySet.HOSTNAME	✅	`localhost`	★
cargo.protocol	GeneralPropertySet.PROTOCOL	✅	`http`	★
cargo.remote.password	RemotePropertySet.PASSWORD	✅	N/A	★
cargo.remote.uri	RemotePropertySet.URI	✅	N/A	★
cargo.remote.username	RemotePropertySet.USERNAME	✅	N/A	★
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.apache.org/dist/tomcat/tomcat-4/v4.1.40/bin/apache-tomcat-4.1.40.zip
- Link to the build plan: https://bamboo-ci.codehaus.org/browse/CARGO-SAMPLESTOMCAT4X