

# Release notes for Cargo Core 0.9

Release note content:

- [Main changes](#)
- [Changelog](#)
- [Migration Guide](#)
- [Clirr report](#)

## Main changes

Here are the highlights of Cargo Core 0.9:

- Added new Packager interface and a first implementation for Tomcat.
- Added DataSource configuration support to Standalone configurations for containers: XXXX
- TODO

The full list of all issues fixed and features implemented is available below.

Please note that version 0.9 has broken some APIs as explained below in the migration guide. This is the last 0.X version before the 1.0 release and we took the opportunity to fix the API now rather than to go through a lengthy and difficult deprecation strategy (which we'll use once 1.0 is out). We apologize to all our early users for this.

## Changelog

T	Key	Resolution	Summary	Assignee	Reporter
	CARGO-499	Fixed	Deploying war with relative path under orion1x fails	David J. M. Karlsen	David J. M. Karlsen
	CARGO-497	Fixed	Test on Jetty 6.1.1	David J. M. Karlsen	David J. M. Karlsen
	CARGO-496	Fixed	Test on Tomcat 5.0.30	David J. M. Karlsen	David J. M. Karlsen
	CARGO-495	Fixed	Test on Resin 3.0.23	David J. M. Karlsen	David J. M. Karlsen
	CARGO-493	Fixed	OrionEjbJarXml.getJndiName returns wrong name for local EJB:s on oc4j 10.1.3	grimsell grimsell	grimsell grimsell
	CARGO-490	Fixed	Deploying war with relative filename fails on tomcat3x	David J. M. Karlsen	David J. M. Karlsen
	CARGO-489	Fixed	Tomcat 5.x doesn't build in samples/java with the Maven2 build	David J. M. Karlsen	Vincent Massol
	CARGO-487	Fixed	Complete SVN reorganization	Vincent Massol	Vincent Massol
	CARGO-479	Fixed	Improve DefaultAntTaskFactory so that it can create Ant tasks for tasks requiring a valid Ant Target object	Vincent Massol	Petar Tahchiev
	CARGO-475	Fixed	Test on Jetty 6.1.1rc0	Vincent Massol	Vincent Massol
	CARGO-474	Fixed	Add support for Jetty 6.1	Jan Bartel	David J. M. Karlsen
	CARGO-472	Fixed	Test on Tomcat 4.1.34	Vincent Massol	David J. M. Karlsen
	CARGO-471	Fixed	Test on Resin 3.0.22	Vincent Massol	David J. M. Karlsen
	CARGO-470	Fixed	FileNotFoundException in FileUtils.copyFile when specifying relative paths	David J. M. Karlsen	David J. M. Karlsen
	CARGO-469	Fixed	Log downloading of container	David J. M. Karlsen	David J. M. Karlsen
	CARGO-466	Fixed	Use vfs 1.0 (and remove unneeded dependency)	Vincent Massol	David J. M. Karlsen

CARGO-465	Fixed	Orion testGetRoleToken unit test is failing	Vincent Massol	David J. M. Karlsen
CARGO-458	Fixed	Add cargo:package goal to package a container distribution, its configuration and deployed deployables	Vincent Massol	Vincent Massol
CARGO-457	Fixed	Add Packager API to packager a container's distribution, a Configuration and deployed Deployables	Vincent Massol	Vincent Massol
CARGO-446	Fixed	ConfigurationFactory and ConfigurationCapabilityFactory APIs should take a ContainerType as parameter	Vincent Massol	Vincent Massol

Showing 20 out of 86 issues

## Migration guide from 0.8 to 0.9

This sections lists the principal differences in Cargo 0.9 which you may require you to modify the way you use Cargo. The full list of changes is shown below in the [Clirr section](#).

- Several methods have had their signature changed to use String instead of File or to return String instead of file. This is true for example for `InstalledLocalContainer.getHome()/setHome()` and for lots of others. The reason is that File was too restrictive and we wanted the opportunity of allowing in the future any location where files can be saved. For example we have started making it possible to use Commons VFS to allow getting/saving files to virtually anywhere (inside JARs, Zips, on a FTP server, etc). This feature is not enabled right now as support for it isn't finished. But we had to make this change before Cargo goes 1.0.
- JSR88 classes have been removed from the distribution as they were not working. The original author of Cargo's JSR88 support hasn't participated to the project for a very long time now and we didn't get anyone to carry over his work. Thus we've temporarily moved JSR88 to the sandbox, waiting for someone to provide some love to it in order to bring it back in the Cargo distribution.
- Factories APIs have been homogenized and thus some method signatures have slightly changed. See [below](#).
- Big refactoring of the Module API. This will only affects direct users of this API.

## Clirr report

This is the report generated by [Clirr](#) on the different Cargo Core APIs:

- [Core Container API](#)
- [Core Generic API](#)
- [Core Module API](#)
- [Core Util API](#)
- [JBoss API](#)
- [Jetty API](#)
- [Jo API](#)
- [Orion API](#)
- [Resin API](#)
- [Tomcat API](#)
- [WebLogic API](#)

## Core Container API

```
ERROR: 7006: org.codehaus.cargo.container.InstalledLocalContainer: Return type of
method 'public java.io.File getHome()' has been changed to java.lang.String
ERROR: 7005: org.codehaus.cargo.container.InstalledLocalContainer: Parameter 1 of
'public void setHome(java.io.File)' has changed its type to java.lang.String
ERROR: 7006: org.codehaus.cargo.container.configuration.LocalConfiguration: Return
type of method 'public java.io.File getHome()' has been changed to java.lang.String
ERROR: 7006: org.codehaus.cargo.container.deployable.Deployable: Return type of method
'public java.io.File getFile()' has been changed to java.lang.String
INFO: 5000: org.codehaus.cargo.container.deployable.EAR: Added
org.codehaus.cargo.container.spi.deployable.AbstractDeployable to the list of
superclasses
ERROR: 7002: org.codehaus.cargo.container.deployable.EAR: Method 'public java.io.File
```

getFile()' has been removed  
INFO: 5000: org.codehaus.cargo.container.deployable.EJB: Added  
org.codehaus.cargo.container.spi.deployable.AbstractDeployable to the list of  
superclasses  
ERROR: 7002: org.codehaus.cargo.container.deployable.EJB: Method 'public java.io.File  
getFile()' has been removed  
INFO: 5000: org.codehaus.cargo.container.deployable.WAR: Added  
org.codehaus.cargo.container.spi.deployable.AbstractDeployable to the list of  
superclasses  
ERROR: 7002: org.codehaus.cargo.container.deployable.WAR: Method 'public java.io.File  
getFile()' has been removed  
ERROR: 7012: org.codehaus.cargo.container.deployer.DeployableMonitor: Method 'public  
java.lang.String getDeployableName()' has been added to an interface  
INFO: 4000: org.codehaus.cargo.container.deployer.Deployer: Added  
org.codehaus.cargo.util.log.Loggable to the set of implemented interfaces  
INFO: 6000: org.codehaus.cargo.container.deployer.DeployerType: Added public field  
EMBEDDED  
INFO: 6000: org.codehaus.cargo.container.deployer.DeployerType: Added public field  
INSTALLED  
ERROR: 6001: org.codehaus.cargo.container.deployer.DeployerType: Removed field LOCAL  
INFO: 7011: org.codehaus.cargo.container.deployer.DeployerType: Method 'public boolean  
isLocal()' has been added  
INFO: 7011: org.codehaus.cargo.container.deployer.DeployerType: Method 'public boolean  
isRemote()' has been added  
INFO: 7011: org.codehaus.cargo.container.deployer.DeployerType: Method 'public  
org.codehaus.cargo.container.deployer.DeployerType  
toType(org.codehaus.cargo.container.ContainerType)' has been added  
INFO: 7011: org.codehaus.cargo.container.deployer.URLDeployableMonitor: Method 'public  
java.lang.String getDeployableName()' has been added  
ERROR: 7006: org.codehaus.cargo.container.installer.Installer: Return type of method  
'public java.io.File getHome()' has been changed to java.lang.String  
ERROR: 7005: org.codehaus.cargo.container.installer.ZipURLInstaller: Parameter 2 of  
'public ZipURLInstaller(java.net.URL, java.io.File)' has changed its type to  
java.lang.String  
ERROR: 7006: org.codehaus.cargo.container.installer.ZipURLInstaller: Return type of  
method 'protected java.io.File getDestinationDir()' has been changed to  
java.lang.String  
INFO: 7011: org.codehaus.cargo.container.installer.ZipURLInstaller: Method 'public  
org.codehaus.cargo.util.FileHandler getFileHandler()' has been added  
ERROR: 7006: org.codehaus.cargo.container.installer.ZipURLInstaller: Return type of  
method 'public java.io.File getHome()' has been changed to java.lang.String  
ERROR: 7005: org.codehaus.cargo.container.installer.ZipURLInstaller: Parameter 1 of  
'protected void  
setAntTaskFactory(org.codehaus.cargo.container.internal.util.AntTaskFactory)' has  
changed its type to org.codehaus.cargo.util.AntTaskFactory  
INFO: 7011: org.codehaus.cargo.container.installer.ZipURLInstaller: Method 'public  
void setFileHandler(org.codehaus.cargo.util.FileHandler)' has been added  
INFO: 7011: org.codehaus.cargo.container.installer.ZipURLInstaller: Method 'public  
void setInstallDir(java.lang.String)' has been added  
ERROR: 8001: org.codehaus.cargo.container.jsr88.GenericJSR88Configuration: Class  
org.codehaus.cargo.container.jsr88.GenericJSR88Configuration removed  
ERROR: 8001: org.codehaus.cargo.container.jsr88.JSR88ConfigurationCapability: Class  
org.codehaus.cargo.container.jsr88.JSR88ConfigurationCapability removed  
ERROR: 8001: org.codehaus.cargo.container.jsr88.JSR88Deployer: Class  
org.codehaus.cargo.container.jsr88.JSR88Deployer removed  
INFO: 8000: org.codehaus.cargo.container.packager.Packager: Class  
org.codehaus.cargo.container.packager.Packager added  
INFO: 8000: org.codehaus.cargo.container.packager.PackagerType: Class  
org.codehaus.cargo.container.packager.PackagerType added

INFO: 8000: org.codehaus.cargo.container.property.DataSource: Class  
org.codehaus.cargo.container.property.DataSource added

```
INFO: 8000: org.codehaus.cargo.container.property.DatasourcePropertySet: Class
org.codehaus.cargo.container.property.DatasourcePropertySet added
```

## Core Generic API

```
ERROR: 7012: org.codehaus.cargo.generic.ContainerFactory: Method 'public java.util.Map
getContainerIds()' has been added to an interface
INFO: 7011: org.codehaus.cargo.generic.DefaultContainerFactory: Method 'public
java.util.Map getContainerIds()' has been added
ERROR: 7005: org.codehaus.cargo.generic.DefaultContainerFactory: Parameter 2 of
'public void registerContainer(java.lang.String, java.lang.String,
org.codehaus.cargo.container.ContainerType)' has changed its type to
org.codehaus.cargo.container.ContainerType
ERROR: 7005: org.codehaus.cargo.generic.DefaultContainerFactory: Parameter 3 of
'public void registerContainer(java.lang.String, java.lang.String,
org.codehaus.cargo.container.ContainerType)' has changed its type to java.lang.String
ERROR: 7004: org.codehaus.cargo.generic.configuration.ConfigurationCapabilityFactory:
In method 'public org.codehaus.cargo.container.configuration.ConfigurationCapability
createConfigurationCapability(java.lang.String,
org.codehaus.cargo.container.configuration.ConfigurationType)' the number of arguments
has changed
ERROR: 7004: org.codehaus.cargo.generic.configuration.ConfigurationCapabilityFactory:
In method 'public void registerConfigurationCapability(java.lang.String,
org.codehaus.cargo.container.configuration.ConfigurationType, java.lang.Class)' the
number of arguments has changed
ERROR: 7005: org.codehaus.cargo.generic.configuration.ConfigurationFactory: Parameter
2 of 'public org.codehaus.cargo.container.configuration.Configuration
createConfiguration(java.lang.String,
org.codehaus.cargo.container.configuration.ConfigurationType, java.io.File)' has
changed its type to org.codehaus.cargo.container.ContainerType
ERROR: 7005: org.codehaus.cargo.generic.configuration.ConfigurationFactory: Parameter
3 of 'public org.codehaus.cargo.container.configuration.Configuration
createConfiguration(java.lang.String,
org.codehaus.cargo.container.configuration.ConfigurationType, java.io.File)' has
changed its type to org.codehaus.cargo.container.configuration.ConfigurationType
ERROR: 7004: org.codehaus.cargo.generic.configuration.ConfigurationFactory: In method
'public org.codehaus.cargo.container.configuration.Configuration
createConfiguration(java.lang.String,
org.codehaus.cargo.container.configuration.ConfigurationType)' the number of arguments
has changed
ERROR: 7004: org.codehaus.cargo.generic.configuration.ConfigurationFactory: In method
'public java.lang.Class getConfigurationClass(java.lang.String,
org.codehaus.cargo.container.configuration.ConfigurationType)' the number of arguments
has changed
ERROR: 7004: org.codehaus.cargo.generic.configuration.ConfigurationFactory: In method
'public boolean isConfigurationRegistered(java.lang.String,
org.codehaus.cargo.container.configuration.ConfigurationType)' the number of arguments
has changed
ERROR: 7004: org.codehaus.cargo.generic.configuration.ConfigurationFactory: In method
'public void registerConfiguration(java.lang.String,
org.codehaus.cargo.container.configuration.ConfigurationType, java.lang.Class)' the
number of arguments has changed
ERROR: 7004:
org.codehaus.cargo.generic.configuration.DefaultConfigurationCapabilityFactory: In
method 'public org.codehaus.cargo.container.configuration.ConfigurationCapability
```

```
createConfigurationCapability(java.lang.String,
org.codehaus.cargo.container.configuration.ConfigurationType)' the number of arguments
has changed
ERROR: 7004:
org.codehaus.cargo.generic.configuration.DefaultConfigurationCapabilityFactory: In
method 'public void registerConfigurationCapability(java.lang.String,
org.codehaus.cargo.container.configuration.ConfigurationType, java.lang.Class)' the
number of arguments has changed
ERROR: 7004:
org.codehaus.cargo.generic.configuration.DefaultConfigurationCapabilityFactory: In
method 'public void registerConfigurationCapability(java.lang.String,
org.codehaus.cargo.container.configuration.ConfigurationType, java.lang.String)' the
number of arguments has changed
ERROR: 7005: org.codehaus.cargo.generic.configuration.DefaultConfigurationFactory:
Parameter 2 of 'public org.codehaus.cargo.container.configuration.Configuration
createConfiguration(java.lang.String,
org.codehaus.cargo.container.configuration.ConfigurationType, java.io.File)' has
changed its type to org.codehaus.cargo.container.ContainerType
ERROR: 7005: org.codehaus.cargo.generic.configuration.DefaultConfigurationFactory:
Parameter 3 of 'public org.codehaus.cargo.container.configuration.Configuration
createConfiguration(java.lang.String,
org.codehaus.cargo.container.configuration.ConfigurationType, java.io.File)' has
changed its type to org.codehaus.cargo.container.configuration.ConfigurationType
ERROR: 7004: org.codehaus.cargo.generic.configuration.DefaultConfigurationFactory: In
method 'public org.codehaus.cargo.container.configuration.Configuration
createConfiguration(java.lang.String,
org.codehaus.cargo.container.configuration.ConfigurationType)' the number of arguments
has changed
ERROR: 7004: org.codehaus.cargo.generic.configuration.DefaultConfigurationFactory: In
method 'public java.lang.Class getConfigurationClass(java.lang.String,
org.codehaus.cargo.container.configuration.ConfigurationType)' the number of arguments
has changed
ERROR: 7004: org.codehaus.cargo.generic.configuration.DefaultConfigurationFactory: In
method 'public boolean isConfigurationRegistered(java.lang.String,
org.codehaus.cargo.container.configuration.ConfigurationType)' the number of arguments
has changed
ERROR: 7004: org.codehaus.cargo.generic.configuration.DefaultConfigurationFactory: In
method 'public void registerConfiguration(java.lang.String,
org.codehaus.cargo.container.configuration.ConfigurationType, java.lang.Class)' the
number of arguments has changed
ERROR: 7004: org.codehaus.cargo.generic.configuration.DefaultConfigurationFactory: In
method 'public void registerConfiguration(java.lang.String, java.lang.String,
org.codehaus.cargo.container.configuration.ConfigurationType)' the number of arguments
has changed
ERROR: 7005: org.codehaus.cargo.generic.deployable.DefaultDeployableFactory: Parameter
2 of 'public void registerDeployable(java.lang.String, java.lang.String,
org.codehaus.cargo.container.deployable.DeployableType)' has changed its type to
org.codehaus.cargo.container.deployable.DeployableType
ERROR: 7005: org.codehaus.cargo.generic.deployable.DefaultDeployableFactory: Parameter
3 of 'public void registerDeployable(java.lang.String, java.lang.String,
org.codehaus.cargo.container.deployable.DeployableType)' has changed its type to
java.lang.String
INFO: 7011: org.codehaus.cargo.generic.deployer.DefaultDeployerFactory: Method 'public
org.codehaus.cargo.container.deployer.Deployer
createDeployer(org.codehaus.cargo.container.Container)' has been added
ERROR: 7005: org.codehaus.cargo.generic.deployer.DefaultDeployerFactory: Parameter 2
of 'public void registerDeployer(java.lang.String, java.lang.String,
org.codehaus.cargo.container.deployer.DeployerType)' has changed its type to
org.codehaus.cargo.container.deployer.DeployerType
```

```
ERROR: 7005: org.codehaus.cargo.generic.deployer.DefaultDeployerFactory: Parameter 3
of 'public void registerDeployer(java.lang.String, java.lang.String,
org.codehaus.cargo.container.deployer.DeployerType)' has changed its type to
java.lang.String
ERROR: 7012: org.codehaus.cargo.generic.deployer.DeployerFactory: Method 'public
org.codehaus.cargo.container.deployer.Deployer
createDeployer(org.codehaus.cargo.container.Container)' has been added to an interface
INFO: 8000: org.codehaus.cargo.generic.packager.DefaultPackagerFactory: Class
org.codehaus.cargo.generic.packager.DefaultPackagerFactory added
```

```
INFO: 8000: org.codehaus.cargo.generic.packager.PackagerFactory: Class
org.codehaus.cargo.generic.packager.PackagerFactory added
```

## Core Module API

```
INFO: 4000: org.codehaus.cargo.module.AbstractDescriptor: Added
org.codehaus.cargo.module.Descriptor to the set of implemented interfaces
ERROR: 7005: org.codehaus.cargo.module.AbstractDescriptor: Parameter 1 of 'protected
org.w3c.dom.Element addElement(org.codehaus.cargo.module.AbstractDescriptorTag,
org.w3c.dom.Element, org.w3c.dom.Element)' has changed its type to
org.codehaus.cargo.module.DescriptorTag
INFO: 7015: org.codehaus.cargo.module.AbstractDescriptor: Method 'protected
org.w3c.dom.Element addElement(org.codehaus.cargo.module.AbstractDescriptorTag,
org.w3c.dom.Element, org.w3c.dom.Element)' is no longer final
ERROR: 7005: org.codehaus.cargo.module.AbstractDescriptor: Parameter 2 of 'protected
void checkElement(org.w3c.dom.Element,
org.codehaus.cargo.module.AbstractDescriptorTag)' has changed its type to
org.codehaus.cargo.module.DescriptorTag
ERROR: 7005: org.codehaus.cargo.module.AbstractDescriptor: Parameter 1 of 'protected
org.w3c.dom.Element createNestedText(org.codehaus.cargo.module.AbstractDescriptorTag,
java.lang.String)' has changed its type to org.codehaus.cargo.module.DescriptorTag
ERROR: 7005: org.codehaus.cargo.module.AbstractDescriptor: Parameter 2 of 'protected
java.lang.String getChildText(org.w3c.dom.Element,
org.codehaus.cargo.module.AbstractDescriptorTag)' has changed its type to
org.codehaus.cargo.module.DescriptorTag
INFO: 7015: org.codehaus.cargo.module.AbstractDescriptor: Method 'public
org.w3c.dom.Document getDocument()' is no longer final
ERROR: 7005: org.codehaus.cargo.module.AbstractDescriptor: Parameter 1 of 'public
java.util.Iterator getElements(org.codehaus.cargo.module.AbstractDescriptorTag)' has
changed its type to org.codehaus.cargo.module.DescriptorTag
INFO: 7015: org.codehaus.cargo.module.AbstractDescriptor: Method 'public
java.util.Iterator getElements(org.codehaus.cargo.module.AbstractDescriptorTag)' is no
longer final
ERROR: 7005: org.codehaus.cargo.module.AbstractDescriptor: Parameter 2 of 'protected
org.w3c.dom.Element getImmediateChild(org.w3c.dom.Element,
org.codehaus.cargo.module.AbstractDescriptorTag)' has changed its type to
org.codehaus.cargo.module.DescriptorTag
ERROR: 7005: org.codehaus.cargo.module.AbstractDescriptor: Parameter 1 of 'protected
org.w3c.dom.Node getInsertionPointFor(org.codehaus.cargo.module.AbstractDescriptorTag,
java.lang.String)' has changed its type to org.codehaus.cargo.module.DescriptorTag
ERROR: 7005: org.codehaus.cargo.module.AbstractDescriptor: Parameter 2 of 'protected
java.util.Iterator getNestedElements(org.w3c.dom.Element,
org.codehaus.cargo.module.AbstractDescriptorTag)' has changed its type to
org.codehaus.cargo.module.DescriptorTag
ERROR: 7005: org.codehaus.cargo.module.AbstractDescriptor: Parameter 2 of 'protected
java.lang.String getNestedText(org.w3c.dom.Element,
org.codehaus.cargo.module.AbstractDescriptorTag)' has changed its type to
org.codehaus.cargo.module.DescriptorTag
INFO: 7015: org.codehaus.cargo.module.AbstractDescriptor: Method 'public
org.w3c.dom.Element getRootElement()' is no longer final
ERROR: 7005: org.codehaus.cargo.module.AbstractDescriptor: Parameter 1 of 'public
org.w3c.dom.Element replaceElement(org.codehaus.cargo.module.AbstractDescriptorTag,
org.w3c.dom.Element, org.w3c.dom.Element)' has changed its type to
org.codehaus.cargo.module.DescriptorTag
INFO: 7015: org.codehaus.cargo.module.AbstractDescriptor: Method 'public
```



```
org.w3c.dom.Element replaceElement(org.codehaus.cargo.module.AbstractDescriptorTag,
org.w3c.dom.Element, org.w3c.dom.Element)' is no longer final
ERROR: 7005: org.codehaus.cargo.module.AbstractDescriptorIo: Parameter 2 of 'public
java.io.File[] writeAll(org.codehaus.cargo.module.J2eeDescriptor, java.io.File)' has
changed its type to java.lang.String
ERROR: 8001: org.codehaus.cargo.module.AbstractDescriptorTag: Class
org.codehaus.cargo.module.AbstractDescriptorTag removed
ERROR: 7005: org.codehaus.cargo.module.DefaultJarArchive: Parameter 1 of 'public
DefaultJarArchive(java.io.File)' has changed its type to java.lang.String
INFO: 7011: org.codehaus.cargo.module.DefaultJarArchive: Method 'public
org.codehaus.cargo.util.FileHandler getFileHandler()' has been added
INFO: 7011: org.codehaus.cargo.module.DefaultJarArchive: Method 'public void
setFileHandler(org.codehaus.cargo.util.FileHandler)' has been added
INFO: 8000: org.codehaus.cargo.module.DescriptorTag: Class
org.codehaus.cargo.module.DescriptorTag added
ERROR: 7002: org.codehaus.cargo.module.J2eeDescriptor: Method 'public
org.codehaus.cargo.module.Descriptor getVendorDescriptor()' has been removed
INFO: 8000: org.codehaus.cargo.module.VendorDescriptor: Class
org.codehaus.cargo.module.VendorDescriptor added
ERROR: 2001: org.codehaus.cargo.module.application.ApplicationXml: Changed from
interface to class
INFO: 4000: org.codehaus.cargo.module.application.ApplicationXml: Added
org.codehaus.cargo.module.Descriptor to the set of implemented interfaces
INFO: 4000: org.codehaus.cargo.module.application.ApplicationXml: Added
org.codehaus.cargo.module.J2eeDescriptor to the set of implemented interfaces
INFO: 5000: org.codehaus.cargo.module.application.ApplicationXml: Added
org.codehaus.cargo.module.AbstractDescriptor to the list of superclasses
ERROR: 5001: org.codehaus.cargo.module.application.ApplicationXmlTag: Removed
org.codehaus.cargo.module.AbstractDescriptorTag from the list of superclasses
INFO: 5000: org.codehaus.cargo.module.application.ApplicationXmlTag: Added
org.codehaus.cargo.module.DescriptorTag to the list of superclasses
ERROR: 8001: org.codehaus.cargo.module.application.DefaultApplicationXml: Class
org.codehaus.cargo.module.application.DefaultApplicationXml removed
ERROR: 7005: org.codehaus.cargo.module.application.DefaultEarArchive: Parameter 1 of
'public DefaultEarArchive(java.io.File)' has changed its type to java.lang.String
ERROR: 7005: org.codehaus.cargo.module.ejb.DefaultEjbArchive: Parameter 1 of 'public
DefaultEjbArchive(java.io.File)' has changed its type to java.lang.String
ERROR: 7002: org.codehaus.cargo.module.ejb.EjbJarXml: Method 'public
org.codehaus.cargo.module.Descriptor getVendorDescriptor()' has been removed
ERROR: 5001: org.codehaus.cargo.module.ejb.EjbJarXmlTag: Removed
org.codehaus.cargo.module.AbstractDescriptorTag from the list of superclasses
INFO: 5000: org.codehaus.cargo.module.ejb.EjbJarXmlTag: Added
org.codehaus.cargo.module.DescriptorTag to the list of superclasses
INFO: 4000: org.codehaus.cargo.module.ejb.VendorEjbDescriptor: Added
org.codehaus.cargo.module.VendorDescriptor to the set of implemented interfaces
INFO: 4000: org.codehaus.cargo.module.ejb.orion.OrionEjbJarXml: Added
org.codehaus.cargo.module.VendorDescriptor to the set of implemented interfaces
INFO: 4000: org.codehaus.cargo.module.ejb.weblogic.WeblogicEjbJarXml: Added
org.codehaus.cargo.module.VendorDescriptor to the set of implemented interfaces
ERROR: 5001: org.codehaus.cargo.module.ejb.weblogic.WeblogicEjbJarXmlTag: Removed
org.codehaus.cargo.module.AbstractDescriptorTag from the list of superclasses
INFO: 5000: org.codehaus.cargo.module.ejb.weblogic.WeblogicEjbJarXmlTag: Added
org.codehaus.cargo.module.DescriptorTag to the list of superclasses
INFO: 4000: org.codehaus.cargo.module.ejb.websphere.IbmEjbJarBndXmi: Added
org.codehaus.cargo.module.VendorDescriptor to the set of implemented interfaces
ERROR: 8001: org.codehaus.cargo.module.merge.MergeStrategy: Class
org.codehaus.cargo.module.merge.MergeStrategy removed
ERROR: 7005: org.codehaus.cargo.module.webapp.DefaultWarArchive: Parameter 1 of
'public DefaultWarArchive(java.io.File)' has changed its type to java.lang.String
```

INFO: 8000: org.codehaus.cargo.module.webapp.EjbRef: Class  
org.codehaus.cargo.module.webapp.EjbRef added  
INFO: 8000: org.codehaus.cargo.module.webapp.Listener: Class  
org.codehaus.cargo.module.webapp.Listener added  
ERROR: 7005: org.codehaus.cargo.module.webapp.TagNodeList: Parameter 2 of 'public  
TagNodeList(org.w3c.dom.Element, org.codehaus.cargo.module.AbstractDescriptorTag,  
java.lang.Class)' has changed its type to org.codehaus.cargo.module.DescriptorTag  
INFO: 4000: org.codehaus.cargo.module.webapp.VendorWebAppDescriptor: Added  
org.codehaus.cargo.module.VendorDescriptor to the set of implemented interfaces  
INFO: 7011: org.codehaus.cargo.module.webapp.WebXml: Method 'public void  
addEjbRef(org.codehaus.cargo.module.webapp.EjbRef)' has been added  
ERROR: 7002: org.codehaus.cargo.module.webapp.WebXml: Method 'public void  
addLocalEntityEjbRef(java.lang.String, java.lang.String, java.lang.String,  
java.lang.String)' has been removed  
ERROR: 7002: org.codehaus.cargo.module.webapp.WebXml: Method 'public void  
addLocalSessionEjbRef(java.lang.String, java.lang.String, java.lang.String,  
java.lang.String)' has been removed  
ERROR: 7005: org.codehaus.cargo.module.webapp.WebXml: Parameter 1 of 'public void  
addRootElement(org.codehaus.cargo.module.AbstractDescriptorTag, org.w3c.dom.Element)'  
has changed its type to org.codehaus.cargo.module.DescriptorTag  
INFO: 7011: org.codehaus.cargo.module.webapp.WebXml: Method 'public  
org.codehaus.cargo.module.internal.util.xml.AbstractNodeList getListeners()' has been  
added  
ERROR: 7002: org.codehaus.cargo.module.webapp.WebXml: Method 'public  
org.codehaus.cargo.module.Descriptor getVendorDescriptor()' has been removed  
ERROR: 7005: org.codehaus.cargo.module.webapp.WebXml: Parameter 1 of 'public void  
replaceRootElement(org.codehaus.cargo.module.AbstractDescriptorTag,  
org.w3c.dom.Element)' has changed its type to org.codehaus.cargo.module.DescriptorTag  
INFO: 6000: org.codehaus.cargo.module.webapp.WebXmlMerger: Added protected field  
mergeListenerStrategy  
INFO: 7011: org.codehaus.cargo.module.webapp.WebXmlMerger: Method 'protected void  
mergeListeners(org.codehaus.cargo.module.webapp.WebXml)' has been added  
ERROR: 5001: org.codehaus.cargo.module.webapp.WebXmlTag: Removed  
org.codehaus.cargo.module.AbstractDescriptorTag from the list of superclasses  
INFO: 5000: org.codehaus.cargo.module.webapp.WebXmlTag: Added  
org.codehaus.cargo.module.DescriptorTag to the list of superclasses  
INFO: 6000: org.codehaus.cargo.module.webapp.WebXmlTag: Added public field EJB\_LINK  
INFO: 6000: org.codehaus.cargo.module.webapp.WebXmlTag: Added public field HOME  
INFO: 6000: org.codehaus.cargo.module.webapp.WebXmlTag: Added public field REMOTE  
INFO: 4000: org.codehaus.cargo.module.webapp.jboss.JBossWebXml: Added  
org.codehaus.cargo.module.Descriptor to the set of implemented interfaces  
INFO: 7011: org.codehaus.cargo.module.webapp.jboss.JBossWebXml: Method 'public  
java.lang.String getFileName()' has been added  
ERROR: 5001: org.codehaus.cargo.module.webapp.jboss.JBossWebXmlTag: Removed  
org.codehaus.cargo.module.AbstractDescriptorTag from the list of superclasses  
INFO: 5000: org.codehaus.cargo.module.webapp.jboss.JBossWebXmlTag: Added  
org.codehaus.cargo.module.DescriptorTag to the list of superclasses  
INFO: 4000: org.codehaus.cargo.module.webapp.orion.OrionWebXml: Added  
org.codehaus.cargo.module.VendorDescriptor to the set of implemented interfaces  
INFO: 4000: org.codehaus.cargo.module.webapp.resin.ResinWebXml: Added  
org.codehaus.cargo.module.VendorDescriptor to the set of implemented interfaces  
ERROR: 5001: org.codehaus.cargo.module.webapp.resin.ResinWebXmlTag: Removed  
org.codehaus.cargo.module.AbstractDescriptorTag from the list of superclasses  
INFO: 5000: org.codehaus.cargo.module.webapp.resin.ResinWebXmlTag: Added  
org.codehaus.cargo.module.DescriptorTag to the list of superclasses  
INFO: 4000: org.codehaus.cargo.module.webapp.tomcat.TomcatContextXml: Added  
org.codehaus.cargo.module.Descriptor to the set of implemented interfaces  
INFO: 7011: org.codehaus.cargo.module.webapp.tomcat.TomcatContextXml: Method 'public  
java.lang.String getFileName()' has been added

INFO: 7011: org.codehaus.cargo.module.webapp.tomcat.TomcatContextXml: Method 'public java.util.Map getParameters()' has been added  
ERROR: 5001: org.codehaus.cargo.module.webapp.tomcat.TomcatContextXmlTag: Removed org.codehaus.cargo.module.AbstractDescriptorTag from the list of superclasses  
INFO: 5000: org.codehaus.cargo.module.webapp.tomcat.TomcatContextXmlTag: Added org.codehaus.cargo.module.DescriptorTag to the list of superclasses  
INFO: 6000: org.codehaus.cargo.module.webapp.tomcat.TomcatContextXmlTag: Added public field PARAMETER  
ERROR: 7005: org.codehaus.cargo.module.webapp.tomcat.TomcatWarArchive: Parameter 1 of 'public TomcatWarArchive(java.io.File)' has changed its type to java.lang.String  
INFO: 4000: org.codehaus.cargo.module.webapp.weblogic.WeblogicXml: Added org.codehaus.cargo.module.VendorDescriptor to the set of implemented interfaces  
ERROR: 5001: org.codehaus.cargo.module.webapp.weblogic.WeblogicXmlTag: Removed org.codehaus.cargo.module.AbstractDescriptorTag from the list of superclasses  
INFO: 5000: org.codehaus.cargo.module.webapp.weblogic.WeblogicXmlTag: Added org.codehaus.cargo.module.DescriptorTag to the list of superclasses

```
INFO: 4000: org.codehaus.cargo.module.webapp.websphere.IbmWebBndXmi: Added
org.codehaus.cargo.module.VendorDescriptor to the set of implemented interfaces
```

## Core Util API

```
INFO: 8000: org.codehaus.cargo.util.AntTaskFactory: Class
org.codehaus.cargo.util.AntTaskFactory added
INFO: 8000: org.codehaus.cargo.util.AntUtils: Class org.codehaus.cargo.util.AntUtils
added
INFO: 8000: org.codehaus.cargo.util.DefaultAntTaskFactory: Class
org.codehaus.cargo.util.DefaultAntTaskFactory added
INFO: 8000: org.codehaus.cargo.util.DefaultFileHandler: Class
org.codehaus.cargo.util.DefaultFileHandler added
INFO: 8000: org.codehaus.cargo.util.FileHandler: Class
org.codehaus.cargo.util.FileHandler added
INFO: 5000: org.codehaus.cargo.util.log.AntLogger: Added
org.codehaus.cargo.util.internal.log.AbstractLogger to the list of superclasses
INFO: 7003: org.codehaus.cargo.util.log.AntLogger: Method 'public void
debug(java.lang.String, java.lang.String)' has been removed, but an inherited
definition exists.
INFO: 7011: org.codehaus.cargo.util.log.AntLogger: Method 'protected void
doLog(org.codehaus.cargo.util.log.LogLevel, java.lang.String, java.lang.String)' has
been added
INFO: 7003: org.codehaus.cargo.util.log.AntLogger: Method 'public void
info(java.lang.String, java.lang.String)' has been removed, but an inherited
definition exists.
INFO: 7003: org.codehaus.cargo.util.log.AntLogger: Method 'public void
warn(java.lang.String, java.lang.String)' has been removed, but an inherited
definition exists.
INFO: 5000: org.codehaus.cargo.util.log.FileLogger: Added
org.codehaus.cargo.util.internal.log.AbstractLogger to the list of superclasses
INFO: 7003: org.codehaus.cargo.util.log.FileLogger: Method 'public void
debug(java.lang.String, java.lang.String)' has been removed, but an inherited
definition exists.
INFO: 7011: org.codehaus.cargo.util.log.FileLogger: Method 'protected void
doLog(org.codehaus.cargo.util.log.LogLevel, java.lang.String, java.lang.String)' has
been added
INFO: 7003: org.codehaus.cargo.util.log.FileLogger: Method 'public void
info(java.lang.String, java.lang.String)' has been removed, but an inherited
definition exists.
INFO: 7003: org.codehaus.cargo.util.log.FileLogger: Method 'public void
warn(java.lang.String, java.lang.String)' has been removed, but an inherited
definition exists.
INFO: 8000: org.codehaus.cargo.util.log.LogLevel: Class
org.codehaus.cargo.util.log.LogLevel added
ERROR: 7012: org.codehaus.cargo.util.log.Logger: Method 'public
org.codehaus.cargo.util.log.LogLevel getLevel()' has been added to an interface
ERROR: 7012: org.codehaus.cargo.util.log.Logger: Method 'public void
setLevel(org.codehaus.cargo.util.log.LogLevel)' has been added to an interface
INFO: 5000: org.codehaus.cargo.util.log.NullLogger: Added
org.codehaus.cargo.util.internal.log.AbstractLogger to the list of superclasses
INFO: 7003: org.codehaus.cargo.util.log.NullLogger: Method 'public void
debug(java.lang.String, java.lang.String)' has been removed, but an inherited
definition exists.
INFO: 7011: org.codehaus.cargo.util.log.NullLogger: Method 'protected void
```

```
doLog(org.codehaus.cargo.util.log.LogLevel, java.lang.String, java.lang.String)' has
been added
INFO: 7003: org.codehaus.cargo.util.log.NullLogger: Method 'public void
info(java.lang.String, java.lang.String)' has been removed, but an inherited
definition exists.
INFO: 7003: org.codehaus.cargo.util.log.NullLogger: Method 'public void
warn(java.lang.String, java.lang.String)' has been removed, but an inherited
definition exists.
INFO: 5000: org.codehaus.cargo.util.log.SimpleLogger: Added
org.codehaus.cargo.util.internal.log.AbstractLogger to the list of superclasses
INFO: 7003: org.codehaus.cargo.util.log.SimpleLogger: Method 'public void
debug(java.lang.String, java.lang.String)' has been removed, but an inherited
definition exists.
INFO: 7011: org.codehaus.cargo.util.log.SimpleLogger: Method 'protected void
doLog(org.codehaus.cargo.util.log.LogLevel, java.lang.String, java.lang.String)' has
been added
INFO: 7003: org.codehaus.cargo.util.log.SimpleLogger: Method 'public void
info(java.lang.String, java.lang.String)' has been removed, but an inherited
definition exists.
INFO: 7003: org.codehaus.cargo.util.log.SimpleLogger: Method 'public void
```

warn(java.lang.String, java.lang.String)' has been removed, but an inherited definition exists.

## JBoss API

```
INFO: 4000: org.codehaus.cargo.container.jboss.JBoss3xInstalledLocalContainer: Added
org.codehaus.cargo.container.jboss.internal.JBossInstalledLocalContainer to the set of
implemented interfaces
INFO: 4000: org.codehaus.cargo.container.jboss.JBoss4xInstalledLocalContainer: Added
org.codehaus.cargo.container.jboss.internal.JBossInstalledLocalContainer to the set of
implemented interfaces
ERROR: 8001: org.codehaus.cargo.container.jboss.JBossDeployer: Class
org.codehaus.cargo.container.jboss.JBossDeployer removed
ERROR: 7005: org.codehaus.cargo.container.jboss.JBossExistingLocalConfiguration:
Parameter 1 of 'public JBossExistingLocalConfiguration(java.io.File)' has changed its
type to java.lang.String
ERROR: 7002: org.codehaus.cargo.container.jboss.JBossExistingLocalConfiguration:
Method 'public void verifyProperties()' has been removed
INFO: 8000: org.codehaus.cargo.container.jboss.JBossInstalledLocalDeployer: Class
org.codehaus.cargo.container.jboss.JBossInstalledLocalDeployer added
ERROR: 8001: org.codehaus.cargo.container.jboss.JBossJMXDeployer: Class
org.codehaus.cargo.container.jboss.JBossJMXDeployer removed
INFO: 8000: org.codehaus.cargo.container.jboss.JBossPropertySet: Class
org.codehaus.cargo.container.jboss.JBossPropertySet added
INFO: 8000: org.codehaus.cargo.container.jboss.JBossRemoteDeployer: Class
org.codehaus.cargo.container.jboss.JBossRemoteDeployer added
ERROR: 7005: org.codehaus.cargo.container.jboss.JBossStandaloneLocalConfiguration:
Parameter 1 of 'public JBossStandaloneLocalConfiguration(java.io.File)' has changed
its type to java.lang.String
ERROR: 7005: org.codehaus.cargo.container.jboss.JBossStandaloneLocalConfiguration:
Parameter 1 of 'protected org.apache.tools.ant.types.FilterChain
createJBossFilterChain(java.io.File)' has changed its type to
org.codehaus.cargo.container.jboss.internal.JBossInstalledLocalContainer
INFO: 7011: org.codehaus.cargo.container.jboss.JBossStandaloneLocalConfiguration:
Method 'public
org.codehaus.cargo.container.jboss.internal.JBossInstalledLocalContainer
getJbossContainer()' has been added
INFO: 7011: org.codehaus.cargo.container.jboss.JBossStandaloneLocalConfiguration:
Method 'public void verify()' has been added
INFO: 5000: org.codehaus.cargo.container.jboss.JBossWAR: Added
org.codehaus.cargo.container.spi.deployable.AbstractDeployable to the list of
superclasses
```

## Jetty API

TODO

## Jo API

TODO

### **Orion API**

TODO

### **Resin API**

TODO

### **Tomcat API**

TODO

### **WebLogic API**

TODO