

JBoss 7 series and WildFly container classpath

The way the `container classpath` is managed in all JBoss 7.x containers and all WildFly containers is slightly different from most others.

How the container classpath is added to the JBoss / WildFly container

In order to add the `container classpath` to the JBoss / WildFly container, CARGO takes the below steps:

1. The JAR files which are in the `container classpath` are copied in the `modules/org/codehaus/cargo/classpath` subdirectory of the container home
Attention: The JAR files are copied in the container home, and not into the configuration home. Hence, the JBoss / WildFly container's binaries are actually modified ad vidam eternam (until you manually clean it up).
2. For each JAR file, a `module.xml` file is created with the below rule for dependencies:
 - a. The first JAR file has dependencies `javax.api` and `javax.transaction.api`
 - b. The second JAR has dependencies `javax.api`, `javax.transaction.api` and the first JAR
... and so on

Modification in the applications

During deployment, CARGO will edit your deployables' `META-INF/MANIFEST.MF` file in order to add the property `Dependencies` with all the JARs in the container classpath.

As per the logic followed to add these into the JBoss / WildFly container's classpath, these dependencies all start with the prefix `org.codehaus.cargo.classpath`.