

# Adding archives to the Geronimo repository

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For adding artifacts to the repository the **Repository Viewer** portlet is available by selecting **Common Libs** on the **Console Navigation** menu on the left hand side. The **Repository Viewer** portlet illustrated in the following figure displays the artifacts installed in the server's repository. The layout of the repository is the same as that used by Apache Maven making it possible to easily copy files over.

The screenshot shows the 'Repository Viewer' portlet interface. At the top, there is a header bar with the title 'Repository Viewer' and a 'help [view]' link. Below the header is a form titled 'Add Archive to Repository' with fields for 'File' (with a 'Browse...' button), 'Group', 'Artifact', 'Version', and 'Type'. A large 'Install' button is located at the bottom of this form. Below the form, under the heading 'Current Repository Entries', is a list of artifact coordinates, each preceded by a blue diamond icon. The list includes: activeio/activeio/2.0-r118/jar, antlr/antlr/2.7.2/jar, asm/asm/1.4.3/jar, axis/axis/1.4/jar, backport-util-concurrent/backport-util-concurrent/2.2/jar, castor/castor/0.9.5.3/jar, commons-collections/commons-collections/3.1/jar, commons-digester/commons-digester/1.6/jar, commons-discovery/commons-discovery/0.2/jar, commons-el/commons-el/1.0/jar, commons-fileupload/commons-fileupload/1.1.1/jar, commons-io/commons-io/1.1/jar, commons-lang/commons-lang/2.0/jar, commons-primitives/commons-primitives/20041207.202534/jar, concurrent/concurrent/1.3.4/jar, directory-asn1/asn1-ber/0.3.2/jar, directory-asn1/asn1-codec/0.3.2/jar, directory-asn1/asn1-der/0.3.2/jar, directory-network/mina/0.7.3/jar, directory-protocols/kerberos-protocol/0.5/jar, directory-protocols/ldap-protocol/0.9.2/jar, directory-shared/apache-ldapber-provider/0.9.2/jar, directory-shared/kerberos-common/0.5/jar, directory-shared/ldap-common/0.9.2/jar, directory/apacheds-core/0.9.2/jar, directory/apacheds-shared/0.9.2/jar, dwr/dwr/1.1.1/jar, javax.servlet/jstl/1.1.1/jar, jdbm/jdbm/0.20-dev/jar, idom/idom/1.0/jar, jetty/org.mortbay.jetty/5.1.11/jar, juddi/juddi/0.9rc4/jar, net.sourceforge.serf/serf/1.11.0/jar, org.apache.activemq/activemq-core/3.0-SNAPSHOT/jar, org.apache.activemq/activemq-core/4.1-incubator-SNAPSHOT/jar, org.apache.bcel/bcel/5.2/jar, org.apache.catalina.tribes/tribes/0.9.5.2/jar.

To use an artifact in an application, let's take the first one from the list as an example, you will need to add a **<dependency>** element under **<dependencies>** in the **<environment>** element in the application's deployment plan. Here is an excerpt of how a deployment plan would look like:

```
xmlsolid <environment> ... <dependencies> ... <dependency> <groupId>activeio</groupId> <artifactId>activeio</artifactId> <version>2.0-r118</version>
<type>jar</type> </dependency> </dependencies> </environment>
```