

# DataSource Versioning

Example datasource-versioning can be browsed at <https://github.com/apache/tomee/tree/master/examples/datasource-versioning>

This example shows you how to use versioned DataSources of the same provider using the classpath attribute.

## Configuration

The DataSource configuration can be made several ways and here we layout two common methods in the form of unit tests. Before we start, if you take a peek in the project pom.xml and look for the maven-dependency-plugin usage you will see that we pull in two completely different driver files for this example.

## AlternateDataSourceTest.java

This test utilizes the Arquillian testing framework. See [here](#) for more details.

The example uses src/test/resources/arquillian.xml and src/test/conf/tomee.xml to define the DataSources. Note the differing driver version paths, yet still using the same provider (org.apache.derby.jdbc.EmbeddedDriver):

```
<tomee>

  <Resource id="DatabaseOne" type="DataSource" classpath=
"${catalina.base}/../../../../drivers/derby-10.10.1.1.jar">
    JdbcDriver org.apache.derby.jdbc.EmbeddedDriver
    JdbcUrl jdbc:derby:databaseOne;create=true
    UserName SA
  </Resource>

  <Resource id="DatabaseTwo" type="DataSource" classpath=
"${catalina.base}/../../../../drivers/derby-10.9.1.0.jar">
    JdbcDriver org.apache.derby.jdbc.EmbeddedDriver
    JdbcUrl jdbc:derby:databaseTwo;create=true
    UserName SA
  </Resource>

</tomee>
```

## Developer Information

When testing within a Maven environment it is also possible to use direct maven coordinates rather than a file link, like so:

```
....
<Resource id="DatabaseOne" type="DataSource"
classpath="mvn:org.apache.derby:derby:10.10.1.1">
....
```

## AlternateDriverJarTest.java

This test takes an embedded approach and as you can see the driver paths are specified as a DataSource parameter. Both examples demonstrate the same, in that two driver versions can be loaded and used within the same application.

```
@Configuration
public Properties config() {

    final File drivers = new File(new File("target"), "drivers").getAbsolutePath();

    final Properties p = new Properties();
    p.put("openejb.jdbc.datasource-creator", "dbcp-alternative");

    File file = new File(drivers, "derby-10.10.1.1.jar");
    Assert.assertTrue("Failed to find: " + file, file.exists());

    p.put("JdbcOne", "new://Resource?type=DataSource&classpath="
        + file.getAbsolutePath().replace("\\", "/"));
    p.put("JdbcOne.JdbcDriver", "org.apache.derby.jdbc.EmbeddedDriver");
    p.put("JdbcOne.JdbcUrl", "jdbc:derby:memory:JdbcOne;create=true");
    p.put("JdbcOne.UserName", USER);
    p.put("JdbcOne.Password", PASSWORD);
    p.put("JdbcOne.JtaManaged", "false");

    file = new File(drivers, "derby-10.9.1.0.jar");
    Assert.assertTrue("Failed to find: " + file, file.exists());

    p.put("JdbcTwo", "new://Resource?type=DataSource&classpath="
        + file.getAbsolutePath().replace("\\", "/"));
    p.put("JdbcTwo.JdbcDriver", "org.apache.derby.jdbc.EmbeddedDriver");
    p.put("JdbcTwo.JdbcUrl", "jdbc:derby:memory:JdbcTwo;create=true");
    p.put("JdbcTwo.UserName", USER);
    p.put("JdbcTwo.Password", PASSWORD);
    p.put("JdbcTwo.JtaManaged", "false");
    return p;
}
```

# Full Test Source for AlternateDataSourceTest.java

```
package org.superbiz;

import org.jboss.arquillian.container.test.api.Deployment;
import org.jboss.arquillian.junit.Arquillian;
import org.jboss.shrinkwrap.api.ShrinkWrap;
import org.jboss.shrinkwrap.api.asset.ClassLoaderAsset;
import org.jboss.shrinkwrap.api.spec.WebArchive;
import org.junit.Assert;
import org.junit.Test;
import org.junit.runner.RunWith;

import javax.annotation.Resource;
import javax.ejb.EJB;
import javax.ejb.Stateless;
import javax.sql.DataSource;
import java.sql.Connection;
import java.sql.DatabaseMetaData;
import java.sql.SQLException;

@RunWith(Arquillian.class)
public class AlternateDataSourceTest {

    @Deployment
    public static WebArchive createDeployment() {

        return ShrinkWrap.create(WebArchive.class, "test.war")
            .addClasses(DataSourceTester.class)
            .addAsResource(new ClassLoaderAsset("META-INF/ejb-jar.xml"), "META-INF/ejb-jar.xml");
        //We are using src/test/conf/tomee.xml, but this also works -
        .addAsResource(new ClassLoaderAsset("META-INF/resources.xml"), "META-INF/resources.xml");
        //Or even using a persistence context -
        .addAsResource(new ClassLoaderAsset("META-INF/persistence.xml"), "META-INF/persistence.xml");
    }

    @EJB
    private DataSourceTester tester;

    @Test
    public void testDataSourceOne() throws Exception {
        Assert.assertEquals("Should be using 10.10.1.1 - (1458268)", "10.10.1.1 - (1458268)", tester.getOne());
    }
}
```

```

@Test
public void testDataSourceTwo() throws Exception {
    Assert.assertEquals("Should be using 10.9.1.0 - (1344872)", "10.9.1.0 - (1344872)", tester.getTwo());
}

@Test
public void testDataSourceBoth() throws Exception {
    Assert.assertEquals("Should be using 10.10.1.1 - (1458268)|10.9.1.0 - (1344872)", "10.10.1.1 - (1458268)|10.9.1.0 - (1344872)", tester.getBoth());
}

@Stateless
public static class DataSourceTester {

    @Resource(name = "DatabaseOne")
    DataSource dataSourceOne;

    @Resource(name = "DatabaseTwo")
    DataSource dataSourceTwo;

    public String getOne() throws Exception {
        return getVersion(dataSourceOne);
    }

    public String getTwo() throws Exception {
        return getVersion(dataSourceTwo);
    }

    public String getBoth() throws Exception {
        return getOne() + "|" + getTwo();
    }

    private static String getVersion(final DataSource ds) throws SQLException {
        Connection con = null;
        try {
            con = ds.getConnection();
            final DatabaseMetaData md = con.getMetaData();
            return md.getDriverVersion();
        } finally {
            if (con != null) {
                con.close();
            }
        }
    }
}

```

# Running

## T E S T S

```
Running org.superbiz.AlternateDataSourceTest
Apr 17, 2014 2:19:45 PM org.apache.openejb.arquillian.common.Setup findHome
INFO: Unable to find home in: C:\dev\svn\tomee\examples\datasource-
versioning\target\apache-tomee-remote
Apr 17, 2014 2:19:45 PM org.apache.openejb.arquillian.common.MavenCache getArtifact
INFO: Downloading org.apache.openejb:apache-tomee:1.6.1-SNAPSHOT:zip:webprofile please
wait...
Apr 17, 2014 2:19:45 PM org.apache.openejb.arquillian.common.Zips unzip
INFO: Extracting 'C:\Users\Andy\.m2\repository\org\apache\openejb\apache-tomee\1.6.1-
SNAPSHOT\apache-tomee-1.6.1-SNAPSHOT-webprofile.zip' to
'C:\dev\svn\tomee\examples\datasource-versioning\target\apache-tomee-remote'
Apr 17, 2014 2:19:47 PM org.apache.tomee.arquillian.remote.RemoteTomEEContainer
configure
INFO: Downloaded container to: C:\dev\svn\tomee\examples\datasource-
versioning\target\apache-tomee-remote\apache-tomee-webprofile-1.6.1-SNAPSHOT
INFO - The APR based Apache Tomcat Native library which allows optimal performance in
production environments was not found on the java.library.path: C:\Program
Files\Java\jdk1.7.0_45\jre\bin;C:\WINDOWS\Sun\Java\bin;C:\WINDOWS\system32;C:\WINDOWS;
C:\WINDOWS\system32;C:\WINDOWS;C:\WINDOWS\System32\Wbem;C:\WINDOWS\System32\WindowsPow
erShell\v1.0\;C:\Program Files (x86)\Windows Live\Shared;C:\Program Files (x86)\ATI
Technologies\ATI.ACE\Core-Static;C:\Program Files\SlikSvn\bin;C:\dev\apache-maven-
3.2.1\bin;C:\dev\apache-ant-1.9.3\bin;C:\Program Files (x86)\Git\cmd;C:\Program Files
(x86)\Git\bin;C:\Program Files\TortoiseGit\bin;C:\Program Files\TortoiseSVN\bin;.
INFO - Initializing ProtocolHandler ["http-bio-55243"]
INFO - Initializing ProtocolHandler ["ajp-bio-55245"]
INFO - Using 'openejb.jdbc.datasource-
creator=org.apache.tomee.jdbc.TomEEDataSourceCreator'
INFO - Optional service not installed: org.apache.tomee.webservices.TomeeJaxRsService
INFO - Optional service not installed: org.apache.tomee.webservices.TomeeJaxWsService
INFO -
*****
INFO - OpenEJB http://tomee.apache.org/
INFO - Startup: Thu Apr 17 14:19:55 CEST 2014
INFO - Copyright 1999-2013 (C) Apache OpenEJB Project, All Rights Reserved.
INFO - Version: 7.0.0-SNAPSHOT
INFO - Build date: 20140417
INFO - Build time: 01:37
INFO -
*****
INFO - openejb.home = C:\dev\svn\tomee\examples\datasource-versioning\target\apache-
tomee-remote\apache-tomee-webprofile-1.6.1-SNAPSHOT
INFO - openejb.base = C:\dev\svn\tomee\examples\datasource-versioning\target\apache-
tomee-remote\apache-tomee-webprofile-1.6.1-SNAPSHOT
INFO - Created new singletonService
```

```

org.apache.openejb.cdi.ThreadSingletonServiceImpl@22c2e2dd
INFO - Succeeded in installing singleton service
INFO - openejb configuration file is 'C:\dev\svn\tomee\examples\datasource-
versioning\target\apache-tomee-remote\apache-tomee-webprofile-1.6.1-
SNAPSHOT\conf\tomee.xml'
INFO - Configuring Service(id=Tomcat Security Service, type=SecurityService, provider-
id=Tomcat Security Service)
INFO - Configuring Service(id=Default Transaction Manager, type=TransactionManager,
provider-id=Default Transaction Manager)
INFO - Configuring Service(id=DatabaseOne, type=Resource, provider-id=Default JDBC
Database)
INFO - Configuring Service(id=DatabaseTwo, type=Resource, provider-id=Default JDBC
Database)
INFO - Using 'openejb.system.apps=true'
INFO - Configuring enterprise application: openejb
INFO - Using openejb.deploymentId.format '{ejbName}'
INFO - Auto-deploying ejb openejb/Deployer: EjbDeployment(deployment-
id=openejb/Deployer)
INFO - Auto-deploying ejb openejb/ConfigurationInfo: EjbDeployment(deployment-
id=openejb/ConfigurationInfo)
INFO - Auto-deploying ejb MEJB: EjbDeployment(deployment-id=MEJB)
INFO - Configuring Service(id=Default Stateless Container, type=Container, provider-
id=Default Stateless Container)
INFO - Auto-creating a container for bean openejb/Deployer: Container(type=STATELESS,
id=Default Stateless Container)
INFO - Enterprise application "openejb" loaded.
INFO - Creating TransactionManager(id=Default Transaction Manager)
INFO - Creating SecurityService(id=Tomcat Security Service)
INFO - Creating Resource(id=DatabaseOne)
INFO - Disabling testOnBorrow since no validation query is provided
INFO - Creating Resource(id=DatabaseTwo)
INFO - Disabling testOnBorrow since no validation query is provided
INFO - Creating Container(id=Default Stateless Container)
INFO - Assembling app: openejb
INFO - Using 'openejb.jndiname.format={deploymentId}{interfaceType.openejbLegacyName}'
INFO - Jndi(name=openejb/DeployerBusinessRemote) --> Ejb(deployment-
id=openejb/Deployer)
INFO -
Jndi(name=global/openejb/openejb/Deployer!org.apache.openejb.assembler.Deployer) -->
Ejb(deployment-id=openejb/Deployer)
INFO - Jndi(name=global/openejb/openejb/Deployer) --> Ejb(deployment-
id=openejb/Deployer)
INFO - Jndi(name=openejb/ConfigurationInfoBusinessRemote) --> Ejb(deployment-
id=openejb/ConfigurationInfo)
INFO -
Jndi(name=global/openejb/openejb/ConfigurationInfo!org.apache.openejb.assembler.classi
c.cmd.ConfigurationInfo) --> Ejb(deployment-id=openejb/ConfigurationInfo)
INFO - Jndi(name=global/openejb/openejb/ConfigurationInfo) --> Ejb(deployment-
id=openejb/ConfigurationInfo)
INFO - Jndi(name=MEJB) --> Ejb(deployment-id=MEJB)
INFO - Jndi(name=global/openejb/MEJB!javax.management.j2ee.ManagementHome) -->

```

```

Ejb(deployment-id=MEJB)
INFO - Jndi(name=global/openejb/MEJB) --> Ejb(deployment-id=MEJB)
INFO - Created Ejb(deployment-id=openejb/Deployer, ejb-name=openejb/Deployer,
container=Default Stateless Container)
INFO - Created Ejb(deployment-id=MEJB, ejb-name=MEJB, container=Default Stateless
Container)
INFO - Created Ejb(deployment-id=openejb/ConfigurationInfo, ejb-
name=openejb/ConfigurationInfo, container=Default Stateless Container)
INFO - Started Ejb(deployment-id=openejb/Deployer, ejb-name=openejb/Deployer,
container=Default Stateless Container)
INFO - Started Ejb(deployment-id=MEJB, ejb-name=MEJB, container=Default Stateless
Container)
INFO - Started Ejb(deployment-id=openejb/ConfigurationInfo, ejb-
name=openejb/ConfigurationInfo, container=Default Stateless Container)
INFO - Deployed
MBean(openejb.user.mbeans:application=openejb,group=org.apache.openejb.assembler.monit
oring,name=JMXDeployer)
INFO - Deployed Application(path=openejb)
INFO - ** Bound Services **
INFO - NAME IP PORT
INFO - -----
INFO - Ready!
INFO - Initialization processed in 7959 ms
INFO - Importing a Tomcat Resource with id 'UserDatabase' of type
'org.apache.catalina.UserDatabase'.
INFO - Creating Resource(id=UserDatabase)
INFO - Starting service Catalina
INFO - Starting Servlet Engine: Apache Tomcat (TomEE)/7.0.53 (1.6.1-SNAPSHOT)
INFO - Starting ProtocolHandler ["http-bio-55243"]
INFO - Starting ProtocolHandler ["ajp-bio-55245"]
INFO - Server startup in 288 ms
WARNING - StandardServer.await: Invalid command '' received
Apr 17, 2014 2:20:04 PM org.apache.openejb.client.EventLogger log
INFO: RemoteInitialContextCreated{providerUri=http://localhost:55243/tomee/ejb}
INFO - Extracting jar: C:\dev\svn\tomee\examples\datasource-
versioning\target\arquillian-test-working-dir\0\test.war
INFO - Extracted path: C:\dev\svn\tomee\examples\datasource-
versioning\target\arquillian-test-working-dir\0\test
INFO - using default host: localhost
INFO - ----- localhost -> /test
INFO - Using
'openejb.session.manager=org.apache.tomee.catalina.session.QuickSessionManager'
INFO - Configuring enterprise application: C:\dev\svn\tomee\examples\datasource-
versioning\target\arquillian-test-working-dir\0\test
INFO - Auto-deploying ejb DataSourceTester: EjbDeployment(deployment-
id=DataSourceTester)
INFO - Auto-linking resource-ref 'java:comp/env/DatabaseTwo' in bean DataSourceTester
to Resource(id=DatabaseTwo)
INFO - Auto-linking resource-ref 'java:comp/env/DatabaseOne' in bean DataSourceTester
to Resource(id=DatabaseOne)
INFO - Configuring Service(id=Default Managed Container, type=Container, provider-

```



```

id=Default Managed Container)
INFO - Auto-creating a container for bean org.superbiz.AlternateDataSourceTest:
Container(type=MANAGED, id=Default Managed Container)
INFO - Creating Container(id=Default Managed Container)
INFO - Using directory C:\dev\svn\tomee\examples\datasource-versioning\target\apache-
tomee-remote\apache-tomee-webprofile-1.6.1-SNAPSHOT\temp for stateful session
passivation
INFO - Enterprise application "C:\dev\svn\tomee\examples\datasource-
versioning\target\arquillian-test-working-dir\0\test" loaded.
INFO - Assembling app: C:\dev\svn\tomee\examples\datasource-
versioning\target\arquillian-test-working-dir\0\test
INFO - Jndi(name=DataSourceTesterLocalBean) --> Ejb(deployment-id=DataSourceTester)
INFO -
Jndi(name=global/test/DataSourceTester!org.superbiz.AlternateDataSourceTest$DataSource
Tester) --> Ejb(deployment-id=DataSourceTester)
INFO - Jndi(name=global/test/DataSourceTester) --> Ejb(deployment-id=DataSourceTester)
INFO - Existing thread singleton service in SystemInstance():
org.apache.openejb.cdi.ThreadSingletonServiceImpl@22c2e2dd
INFO - OpenWebBeans Container is starting...
INFO - Adding OpenWebBeansPlugin : [CdiPlugin]
INFO - All injection points were validated successfully.
INFO - OpenWebBeans Container has started, it took 203 ms.
INFO - Created Ejb(deployment-id=DataSourceTester, ejb-name=DataSourceTester,
container=Default Stateless Container)
INFO - Started Ejb(deployment-id=DataSourceTester, ejb-name=DataSourceTester,
container=Default Stateless Container)
INFO - Deployed Application(path=C:\dev\svn\tomee\examples\datasource-
versioning\target\arquillian-test-working-dir\0\test)
Apr 17, 2014 2:20:11 PM org.apache.openejb.client.EventLogger log
INFO: RemoteInitialContextCreated{providerUri=http://localhost:55243/tomee/ejb}
INFO - Undeploying app: C:\dev\svn\tomee\examples\datasource-
versioning\target\arquillian-test-working-dir\0\test
Apr 17, 2014 2:20:13 PM org.apache.openejb.arquillian.common.TomEEContainer undeploy
INFO: cleaning C:\dev\svn\tomee\examples\datasource-versioning\target\arquillian-test-
working-dir\0
Tests run: 3, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 30.155 sec
Running org.superbiz.AlternateDriverJarTest
Apr 17, 2014 2:20:13 PM org.apache.openejb.config.ConfigUtils searchForConfiguration
INFO: Cannot find the configuration file [conf/openejb.xml]. Will attempt to create
one for the beans deployed.
Apr 17, 2014 2:20:13 PM org.apache.openejb.config.ConfigurationFactory
configureService
INFO: Configuring Service(id=Default Security Service, type=SecurityService, provider-
id=Default Security Service)
Apr 17, 2014 2:20:13 PM org.apache.openejb.config.ConfigurationFactory
configureService
INFO: Configuring Service(id=Default Transaction Manager, type=TransactionManager,
provider-id=Default Transaction Manager)
Apr 17, 2014 2:20:13 PM org.apache.openejb.config.ConfigurationFactory
configureService
INFO: Configuring Service(id=JdbcTwo, type=Resource, provider-id=Default JDBC

```

```

Database)
Apr 17, 2014 2:20:13 PM org.apache.openejb.config.ConfigurationFactory
configureService
INFO: Configuring Service(id=JdbcOne, type=Resource, provider-id=Default JDBC
Database)
Apr 17, 2014 2:20:13 PM org.apache.openejb.assembler.classic.Assembler createRecipe
INFO: Creating TransactionManager(id=Default Transaction Manager)
Apr 17, 2014 2:20:14 PM org.apache.openejb.assembler.classic.Assembler createRecipe
INFO: Creating SecurityService(id=Default Security Service)
Apr 17, 2014 2:20:14 PM org.apache.openejb.assembler.classic.Assembler createRecipe
INFO: Creating Resource(id=JdbcTwo)
Apr 17, 2014 2:20:15 PM org.apache.openejb.assembler.classic.Assembler createRecipe
INFO: Creating Resource(id=JdbcOne)
Apr 17, 2014 2:20:16 PM org.apache.openejb.config.ConfigurationFactory
configureApplication
INFO: Configuring enterprise application: C:\dev\svn\tomee\examples\datasource-
versioning\AlternateDriverJarTest
Apr 17, 2014 2:20:16 PM org.apache.openejb.config.ConfigurationFactory
configureService
INFO: Configuring Service(id=Default Managed Container, type=Container, provider-
id=Default Managed Container)
Apr 17, 2014 2:20:16 PM org.apache.openejb.config.AutoConfig createContainer
INFO: Auto-creating a container for bean org.superbiz.AlternateDriverJarTest:
Container(type=MANAGED, id=Default Managed Container)
Apr 17, 2014 2:20:16 PM org.apache.openejb.assembler.classic.Assembler createRecipe
INFO: Creating Container(id=Default Managed Container)
Apr 17, 2014 2:20:16 PM org.apache.openejb.core.managed.SimplePassivater init
INFO: Using directory C:\Users\Andy\AppData\Local\Temp for stateful session
passivation
Apr 17, 2014 2:20:16 PM org.apache.openejb.config.ConfigurationFactory
configureService
INFO: Configuring Service(id=Default Singleton Container, type=Container, provider-
id=Default Singleton Container)
Apr 17, 2014 2:20:16 PM org.apache.openejb.config.AutoConfig createContainer
INFO: Auto-creating a container for bean JdbcOne: Container(type=SINGLETON, id=Default
Singleton Container)
Apr 17, 2014 2:20:16 PM org.apache.openejb.assembler.classic.Assembler createRecipe
INFO: Creating Container(id=Default Singleton Container)
Apr 17, 2014 2:20:16 PM org.apache.openejb.config.AutoConfig processResourceRef
INFO: Auto-linking resource-ref 'java:comp/env/JdbcOne' in bean JdbcOne to
Resource(id=JdbcOne)
Apr 17, 2014 2:20:16 PM org.apache.openejb.config.AutoConfig processResourceRef
INFO: Auto-linking resource-ref 'java:comp/env/JdbcTwo' in bean JdbcTwo to
Resource(id=JdbcTwo)
Apr 17, 2014 2:20:16 PM org.apache.openejb.config.AppInfoBuilder build
INFO: Enterprise application "C:\dev\svn\tomee\examples\datasource-
versioning\AlternateDriverJarTest" loaded.
Apr 17, 2014 2:20:16 PM org.apache.openejb.assembler.classic.Assembler
createApplication
INFO: Assembling app: C:\dev\svn\tomee\examples\datasource-
versioning\AlternateDriverJarTest

```

```

Apr 17, 2014 2:20:16 PM org.apache.openejb.assembler.classic.JndiBuilder bind
INFO: Jndi(name=JdbcOneLocalBean) --> Ejb(deployment-id=JdbcOne)
Apr 17, 2014 2:20:16 PM org.apache.openejb.assembler.classic.JndiBuilder bind
INFO:
Jndi(name=global/AlternateDriverJarTest/app/JdbcOne!org.superbiz.AlternateDriverJarTest$JdbcOne) --> Ejb(deployment-id=JdbcOne)
Apr 17, 2014 2:20:16 PM org.apache.openejb.assembler.classic.JndiBuilder bind
INFO: Jndi(name=global/AlternateDriverJarTest/app/JdbcOne) --> Ejb(deployment-id=JdbcOne)
Apr 17, 2014 2:20:16 PM org.apache.openejb.assembler.classic.JndiBuilder bind
INFO: Jndi(name=JdbcTwoLocalBean) --> Ejb(deployment-id=JdbcTwo)
Apr 17, 2014 2:20:16 PM org.apache.openejb.assembler.classic.JndiBuilder bind
INFO:
Jndi(name=global/AlternateDriverJarTest/app/JdbcTwo!org.superbiz.AlternateDriverJarTest$JdbcTwo) --> Ejb(deployment-id=JdbcTwo)
Apr 17, 2014 2:20:16 PM org.apache.openejb.assembler.classic.JndiBuilder bind
INFO: Jndi(name=global/AlternateDriverJarTest/app/JdbcTwo) --> Ejb(deployment-id=JdbcTwo)
Apr 17, 2014 2:20:16 PM org.apache.openejb.cdi.CdiBuilder initializeOWB
INFO: Created new singletonService
org.apache.openejb.cdi.ThreadSingletonServiceImpl@5ddd4e70
Apr 17, 2014 2:20:16 PM org.apache.openejb.cdi.CdiBuilder initializeOWB
INFO: Succeeded in installing singleton service
Apr 17, 2014 2:20:17 PM org.apache.openejb.cdi.OpenEJBLifecycle startApplication
INFO: OpenWebBeans Container is starting...
Apr 17, 2014 2:20:17 PM org.apache.webbeans.plugins.PluginLoader startUp
INFO: Adding OpenWebBeansPlugin : [CdiPlugin]
Apr 17, 2014 2:20:17 PM org.apache.webbeans.config.BeansDeployer
validateInjectionPoints
INFO: All injection points were validated successfully.
Apr 17, 2014 2:20:17 PM org.apache.openejb.cdi.OpenEJBLifecycle startApplication
INFO: OpenWebBeans Container has started, it took 223 ms.
Apr 17, 2014 2:20:17 PM org.apache.openejb.assembler.classic.Assembler startEjbs
INFO: Created Ejb(deployment-id=JdbcTwo, ejb-name=JdbcTwo, container=Default Singleton Container)
Apr 17, 2014 2:20:17 PM org.apache.openejb.assembler.classic.Assembler startEjbs
INFO: Created Ejb(deployment-id=JdbcOne, ejb-name=JdbcOne, container=Default Singleton Container)
Apr 17, 2014 2:20:17 PM org.apache.openejb.assembler.classic.Assembler startEjbs
INFO: Started Ejb(deployment-id=JdbcTwo, ejb-name=JdbcTwo, container=Default Singleton Container)
Apr 17, 2014 2:20:17 PM org.apache.openejb.assembler.classic.Assembler startEjbs
INFO: Started Ejb(deployment-id=JdbcOne, ejb-name=JdbcOne, container=Default Singleton Container)
Apr 17, 2014 2:20:17 PM org.apache.openejb.assembler.classic.Assembler
createApplication
INFO: Deployed Application(path=C:\dev\svn\tomee\examples\datasource-versioning\AlternateDriverJarTest)
Apr 17, 2014 2:20:20 PM org.apache.openejb.assembler.classic.Assembler
destroyApplication
INFO: Undeploying app: C:\dev\svn\tomee\examples\datasource-

```

versioning\AlternateDriverJarTest

Apr 17, 2014 2:20:20 PM org.apache.openejb.assembler.classic.Assembler destroyResource

INFO: Closing DataSource: JdbcTwo

Apr 17, 2014 2:20:20 PM org.apache.openejb.assembler.classic.Assembler destroyResource

INFO: Closing DataSource: JdbcOne

Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 7.857 sec

INFO - A valid shutdown command was received via the shutdown port. Stopping the Server instance.

INFO - Pausing ProtocolHandler ["http-bio-55243"]

INFO - Pausing ProtocolHandler ["ajp-bio-55245"]

INFO - Stopping service Catalina

INFO - Stopping ProtocolHandler ["http-bio-55243"]

INFO - Stopping ProtocolHandler ["ajp-bio-55245"]

INFO - Stopping server services

INFO - Undeploying app: openejb

INFO - Closing DataSource: DatabaseOne

INFO - Closing DataSource: DatabaseTwo

INFO - Destroying ProtocolHandler ["http-bio-55243"]

INFO - Destroying ProtocolHandler ["ajp-bio-55245"]

Results :

Tests run: 4, Failures: 0, Errors: 0, Skipped: 0