

Connector on JBoss

Information for installing the Transferology Connector 4.4.x on **JBoss**

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1. Add JDBC Driver to classpath

You must have a JDBC driver in the server's classpath in order for the Transferology Connector to connect to the database.

Copy their desired JDBC driver into the **/JBOSS_HOME/server/default/lib** directory.

2. Add Log4j Framework to classpath



Not necessary

JBoss sites do not have to do anything because since Log4j is automatically provided.

3. Configure Data Source

You must configure a JNDI Data Source for your DARwin or u.achieve database. The data source specifies a database and user the Connector will use to access the database. For the specific tables that will be accessed by the Connector, see [Required DARS Tables](#) or [Required uAchieve Tables](#) depending on your CollegeSource degree audit product.

Keep these points in mind when defining a data source in JBoss:

- JBoss data sources are defined in xml configuration files located in the **/JBOSS_HOME/server/default/deploy** directory.
- The xml configuration file name must match this file spec: ***-ds.xml**
 - For example, you could use a file named: **ceg4-ds.xml**

Example Oracle Data Source

The following shows an example JBoss data source definition for an Oracle database. (NOTE: The jndi-name must be "EDAG_DARS"):

Example JBoss Data Source Definition for Oracle

```
<datasources>
<local-tx-datasource>
  <jndi-name>EDAG_DARS</jndi-name>
  <connection-url>jdbc:oracle:thin:@localhost:1521:XE</connection-url>
  <driver-class>oracle.jdbc.driver.OracleDriver</driver-class>
  <user-name>thepassword</user-name>
  <password>theuser</password>
</local-tx-datasource>
</datasources>
```

Example SQL Server Data Source

The following shows an example JBoss data source definition for a SQL Server database using the JTDS driver. (note the jndi-name must be "EDAG_DARS"):

Example JBoss Data Source Definition for SQL Server using the JTDS driver

```
<datasources>
<local-tx-datasource>
  <jndi-name>EDAG_DARS</jndi-name>
  <connection-url>jdbc:jtds:sqlserver://localhost/dars35</connection-url>
  <driver-class>net.sourceforge.jtds.jdbc.Driver</driver-class>
  <user-name>thepassword</user-name>
  <password>theuser</password>
</local-tx-datasource>
</datasources>
```

Example DB2 Data Source

The following shows an example JBoss data source definition for a DB2 database. (note the jndi-name must be "EDAG_DARS"):

Example JBoss Data Source Definition for DB2

```
<datasources>
<local-tx-datasource>
  <jndi-name>EDAG_DARS</jndi-name>
  <connection-url>jdbc:db2:yourdatabase</connection-url>
  <driver-class>COM.ibm.db2.jdbc.app.DB2Driver</driver-class>
  <user-name>thepassword</user-name>
  <password>theuser</password>
</local-tx-datasource>
</datasources>
```



Remember: You must always supply the correct values for your database in these elements: **<password>**, **<user-name>**, **<connection-url>** and **<driver-class>**

4. Deploy Transferology Connector

- Copy **cas4.properties** to **/JBOSS_HOME/server/default/conf/** directory
- Copy **ceg4-ds.xml** to **/JBOSS_HOME/server/default/deploy/** directory
- Copy **ceg4.war** to **/JBOSS_HOME/server/default/deploy/** directory
- Start JBoss if it isn't already started.
- JBoss will automatically create the **/JBOSS_HOME/server/default/deploy/ceg4/** directory structure