

# Connector on Tomcat

## Tomcat 8.0.x, 8.5.x, 9.0.x

Choose one of the below Tomcat web context xml files based on your database type and add the following xml above the **<WatchedResource>** elements.

```
<JarScanner>
    <JarScanFilter tldScan="displaytag-1.1.jar, freemarker-2.3.15.jar, jawr-3.3.3.jar, jtidyservlet-r8.jar, sitemesh-2.4.2.jar, spring-modules-validation-0.8a.jar, spring-webmvc-3.0.6.RELEASE.jar, standard-1.1.2.jar, unstandard-1.0.jar" />
</JarScanner>
```

Download the [Tomcat-context-oracle.xml](#) for an Oracle database.

```
<Context reloadable="true">

    <JarScanner>
        <JarScanFilter tldScan="displaytag-1.1.jar, freemarker-2.3.15.jar, jawr-3.3.3.jar, jtidyservlet-r8.jar, sitemesh-2.4.2.jar, spring-modules-validation-0.8a.jar, spring-webmvc-3.0.6.RELEASE.jar, standard-1.1.2.jar, unstandard-1.0.jar" />
    </JarScanner>

    <!-- Default set of monitored resources -->
    <WatchedResource>WEB-INF/web.xml</WatchedResource>
    <WatchedResource>WEB-INF/*</WatchedResource>
    <Resource
        auth="Container"
        type="javax.sql.DataSource"
        driverClassName="oracle.jdbc.driver.OracleDriver"
        name="jdbc/DARS"
        password="thepassword"
        username="theuser"
        url="jdbc:oracle:thin:@localhost:1521:XE"
        validationQuery="select 1 from dual"
        maxIdle="4"
        maxActive="8"
        autoCommit="false" />
</Context>
```

Download the [Tomcat-context-sqlserver.xml](#) for a SQL Server database.

Download the [Tomcat-context-db2.xml](#) for a DB2 database.

## 4. Deploy Transferology Connector

- Revise the **password**, **username**, **url**, and **driverclassname** attributes of the downloaded Tomcat web context file.
- Rename the downloaded Tomcat web context file to match the basename of the Transferology Connector war file, i.e. ceg4.xml.
- Copy **ceg4.xml** to **/TOMCAT\_HOME/conf/Catalina/localhost/** directory
- Copy **ceg4.war** to **/TOMCAT\_HOME/webapps/** directory
- Start Tomcat if it is not already started
- Tomcat will automatically create the **/TOMCAT\_HOME/webapps/ceg4/** directory structure
- You must copy the files you initially created/edited while following instructions on the main [Install and Configure](#) page. Copy the following files into the **/TOMCAT\_HOME/webapps/ceg4/WEB-INF/classes/** directory:

**cas4.properties**



#### Deploy Errors on Tomcat 7

We have seen several schools encounter deployment errors on Tomcat 7. Follow these steps if you encounter deployment errors on Tomcat 7:

1. Remove the **catalina-5.5.23.jar** and **catalina-ant-5.5.23.jar** files from the TOMCAT **webapps/ceg4/WEB-INF/lib** directory.
2. Delete all lines in the TOMCAT **webapps/ceg4/WEB-INF/jsp/req.jsp** file and save the file. After saving, the file should have a size of 0 bytes.
3. Stop and start Tomcat

## 5. Specify Path and File for Logging

Locate the **log4j.properties** file in this directory **/TOMCAT\_HOME/webapps/ceg4/WEB-INF/classes/**

Follow the short steps on this page: [Configure Connector Logging to a File](#)