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n this session we will configure camunda with MySQL DB. By default camunda uses h2 database.

# **1. Software required**

* Download Community version of Camunda camunda-bpm-tomcat-7.13.0.zip

[Camunda](https://camunda.com/download/)

* Download JDK 8.

[JDK 8](http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html)

* Download MySql Database

Camunda MySQL Configuration

[mysql-installer-web-community-5.7.23.0.msi](https://dev.mysql.com/downloads/file/?id=479141)

* MySql Workbench

[mysql-workbench-community-8.0.12-winx64.msi](https://dev.mysql.com/downloads/file/?id=479196)

# **2. MySql JDBC Driver**

**2.1 Download MySql Driver(mysql-connector-java-8.0.12.jar)**

[MySql JDBC driver](https://repo1.maven.org/maven2/mysql/mysql-connector-java/8.0.12/mysql-connector-java-8.0.12.jar)

* mysql-connector-java-8.0.12.jar is required to setup database connection from camunda to MySql database.
* Copy mysql-connector-java-8.0.12.jar into H:\CAMUNDA\camunda713\server\apache-tomcat-9.0.33\lib directory

# **3. Configure Tomcat JDBC Resource**

To configure a JDBC Resource you have to edit the file $TOMCAT\_HOME/conf/server.xml.

In our case it will be

H:\CAMUNDA\camunda713\server\apache-tomcat-9.0.33\conf\server.xml

Inside <GlobalNamingResources></GlobalNamingResources> tag replace the

<Resource name="jdbc/ProcessEngine"

auth="Container"

type="javax.sql.DataSource"

factory="org.apache.tomcat.jdbc.pool.DataSourceFactory"

uniqueResourceName="process-engine"

driverClassName="org.h2.Driver"

url="jdbc:h2:./camunda-h2-dbs/process-engine;MVCC=TRUE;TRACE\_LEVEL\_FILE=0;DB\_CLOSE\_ON\_EXIT=FALSE"

defaultTransactionIsolation="READ\_COMMITTED"

username="sa"

password="sa"

maxActive="20"

minIdle="5"

maxIdle="20" />

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<Resource name="jdbc/ProcessEngine"

auth="Container"

type="javax.sql.DataSource"

factory="org.apache.tomcat.jdbc.pool.DataSourceFactory"

uniqueResourceName="process-engine"

driverClassName="com.mysql.cj.jdbc.Driver"

url="jdbc:mysql://localhost:3306/camunda713db?serverTimezone=UTC"

defaultTransactionIsolation="READ\_COMMITTED"

username="root"

password=""

maxTotal="20"

minIdle="5"

maxIdle="20" />

# **4. Create MySql Database**

* In above configuration for JDBC resource we have used camunda713db schema.
* Create new database camunda713db.
* Import the Camunda database tables for MySql into camunda713db schema.

Import below .sql queries to camunda713db database.

camunda-bpm-tomcat-7.13.0\sql\create\mysql\_engine\_7.13.0.sql

camunda-bpm-tomcat-7.13.0\sql\create\mysql\_identity\_7.13.0.sql

# **5. Start camunda server**

camunda-bpm-tomcat-7.13.0\start-camunda.bat

You are done with Camunda configuration with MySql Database.