

Cheat Sheet Spring-Hibernate

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Date: Jan 30, 2022;
Time: 18:00;

Version

MySQL version: 8.0.23
java version: 1.8.0_271
Eclipse IDE Version: 2021-12 (4.22.0)
mysql-connector version: 8.0.16
hibernate-core version: 5.4.10.Final

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New Maven Project

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Group Id : org.apache.maven.archetypes
Artifact Id : maven-archetype-quickstart
Version : 1.1

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Hibernate Cofiguration File

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DB Dialect : org.hibernate.dialect.MySQL8Dialect
Driver Class : com.mysql.cj.jdbc.Driver
Connection URL : jdbc:mysql://localhost:3306/<db-name>
Username : root
Password : apple

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pom.xml

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```
<project>
  <properties>

    <project.build.sourceEncoding>UTF-8</project.build.sour
    ceEncoding>
    <maven.compiler.source>1.8</maven.compiler.source>
    <maven.compiler.target>1.8</maven.compiler.target>
  </properties>

  <dependencies>

    <dependency>
```

```
        <groupId>junit</groupId>
        <artifactId>junit</artifactId>
        <version>3.8.1</version>
        <scope>test</scope>
    </dependency>

    <dependency>
        <groupId>org.springframework</groupId>
        <artifactId>spring-context</artifactId>
        <version>5.3.14</version>
    </dependency>

    <dependency>
        <groupId>org.springframework</groupId>
        <artifactId>spring-webmvc</artifactId>
        <version>5.3.14</version>
    </dependency>

    <dependency>
        <groupId>javax.servlet</groupId>
        <artifactId>jstl</artifactId>
        <version>1.2</version>
    </dependency>

    <dependency>
        <groupId>org.hibernate</groupId>
        <artifactId>hibernate-core</artifactId>
        <version>5.6.4.Final</version>
    </dependency>

    <dependency>
        <groupId>mysql</groupId>
        <artifactId>mysql-connector-java</artifactId>
        <version>8.0.16</version>
    </dependency>

    <dependency>
        <groupId>log4j</groupId>
        <artifactId>log4j</artifactId>
        <version>1.2.17</version>
    </dependency>

    <dependency>
        <groupId>org.projectlombok</groupId>
        <artifactId>lombok</artifactId>
        <version>1.18.22</version>
        <scope>provided</scope>
    </dependency>

</dependencies>
```

```

<build>
  <plugins>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-war-plugin</artifactId>
      <version>3.3.1</version>
    </plugin>
  </plugins>
  <finalName>...</finalName>
</build>
</project>

```

```

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spring.xml
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```

```

<?xml version="1.0" encoding="UTF-8"?>

```

```

<beans xmlns="http://www.springframework.org/schema/beans"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:context="http://www.springframework.org/schema/context"

```

```

    xsi:schemaLocation="http://www.springframework.org/schema/b
    eans

```

```

    http://www.springframework.org/schema/beans/spring-beans-4.
    3.xsd

```

```

    http://www.springframework.org/schema/context

```

```

    http://www.springframework.org/schema/context/spring-contex
    t-4.3.xsd">

```

```

<context:component-scan
  base-package="com.suji.spring.model"></context:component-sc
  an>

```

```

<bean id="car" class="com.suji.spring.model.Car">
  <property name="name" value="Tesla"></property>
  <constructor-arg value="BMW"></constructor-arg>
</bean>

```

```

</beans>

```

```

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log4j.properties
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```

```

# Root logger details
log4j.rootLogger=INFO,stdout, file

```

```
# Redirect log messages to console
log4j.appender.stdout=org.apache.log4j.ConsoleAppender
log4j.appender.stdout.Target=System.out
log4j.appender.stdout.layout=org.apache.log4j.PatternLayout
log4j.appender.stdout.layout.ConversionPattern=[%p] %m%n
```

```
# Redirect log messages to a log file
log4j.appender.file=org.apache.log4j.FileAppender
log4j.appender.file.File=myapp.log
log4j.appender.file.layout=org.apache.log4j.PatternLayout
log4j.appender.file.layout.ConversionPattern=[%p] %m%n
```