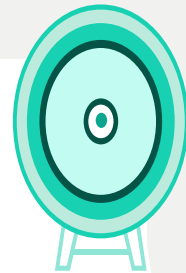


Java EE技术

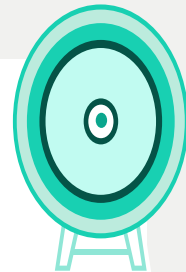
SSM集成



SSM

➤ **SSM是指： Spring + Spring MVC + Mybatis ,
是现下比较流行的一个框架组合。**

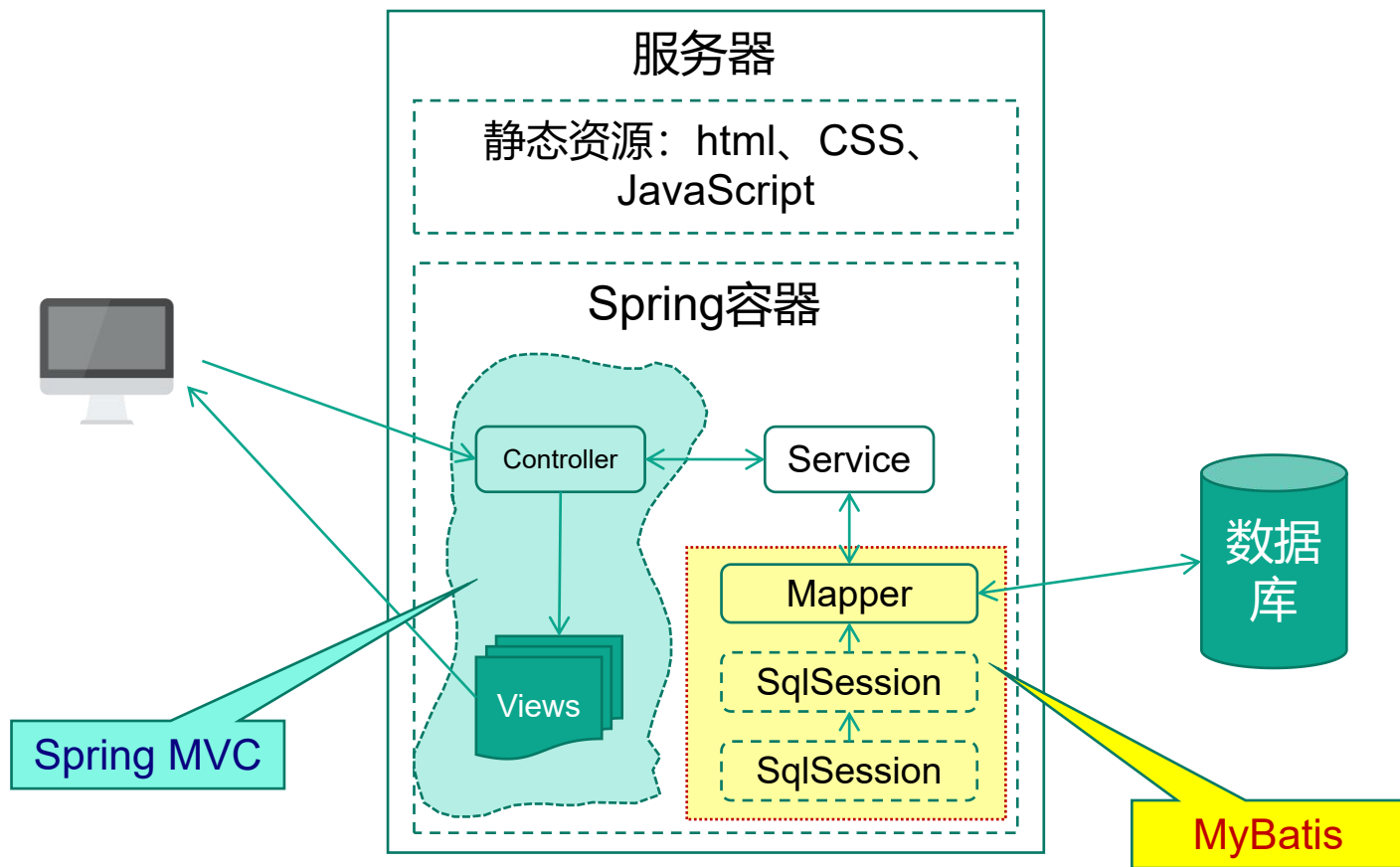
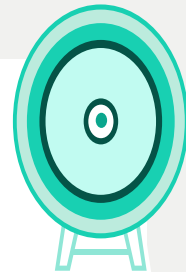




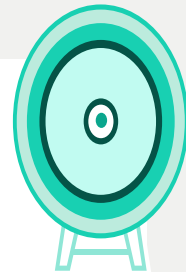
SSM整合

- **Spring：** 管理整个系统所有对象的生命周期；
- **Spring MVC：** 处理系统的所有请求
- **Mybatis：** 完成数据库的操作。





maven依赖



`<dependency>`

`<groupId>javax.servlet</groupId>`

`<artifactId>javax.servlet-api</artifactId>`

`<version>4.0.0</version>`

`<scope>provided</scope>`

`</dependency>`

`<dependency>`

`<groupId>org.springframework</groupId>`

`<artifactId>spring-webmvc</artifactId>`

`<version>5.2.9.RELEASE</version>`

`</dependency>`

`<dependency>`

`<groupId>org.mybatis</groupId>`

`<artifactId>mybatis</artifactId>`

`<version>3.5.6</version>`

`</dependency>`

`<dependency>`

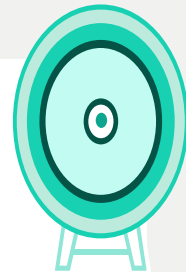
`<groupId>mysql</groupId>`

`<artifactId>mysql-connector-java</artifactId>`

`<version>8.0.21</version>`

`</dependency>`

maven依赖



<!--MyBatis的Spring桥--->

```
<dependency>  
    <groupId>org.mybatis</groupId>  
    <artifactId>mybatis-spring</artifactId>  
    <version>2.0.6</version>  
</dependency>
```

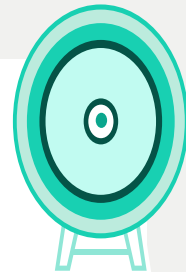
<!--数据库连接池--->

```
<dependency>  
    <groupId>commons-dbcp</groupId>  
    <artifactId>commons-dbcp</artifactId>  
    <version>1.4</version>  
</dependency>
```

<!--Spring的JDBC封装-->

```
<dependency>  
    <groupId>org.springframework</groupId>  
    <artifactId>spring-jdbc</artifactId>  
    <version>5.2.9.RELEASE</version>  
</dependency>  
  
<dependency>  
    <groupId>javax.servlet</groupId>  
    <artifactId>jstl</artifactId>  
    <version>1.2</version>  
</dependency>
```

maven依赖



<!--用于为Bean生成get/Set方法-->

<dependency>

<groupId>org.projectlombok</groupId>

<artifactId>lombok</artifactId>

<version>1.16.18</version>

<scope>provided</scope>

</dependency>

<!--日志-->

<dependency>

<groupId>log4j</groupId>

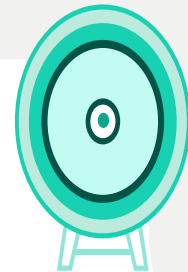
<artifactId>log4j</artifactId>

<version>1.2.12</version>

</dependency>



Spring配置文件



<beans

xmlns="http://www.springframework.org/schema/beans"

xmlns:context="http://www.springframework.org/schema/context"

xmlns:mvc="http://www.springframework.org/schema/mvc"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="

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

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

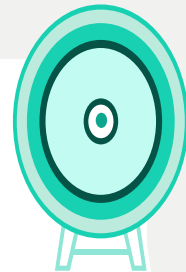
http://www.springframework.org/schema/mvc

http://www.springframework.org/schema/mvc/spring-mvc.xsd

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

http://www.springframework.org/schema/context/spring-context.xsd

>



Spring配置文件

<!--Spring包扫描注册-->

```
<context:component-scan base-package="com.controller,com.service" />
```

<!--加载属性文件-->

```
<context:property-placeholder location="classpath:db.properties" />
```

<!--数据库连接池-->

```
<bean id="datasource" class="org.apache.commons.dbcp.BasicDataSource"  
destroy-method="close">
```

```
    <property name="driverClassName" value="${driver}" />
```

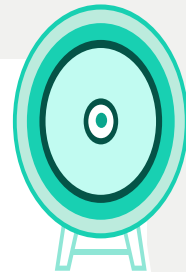
```
    <property name="url" value="${url}" />
```

```
    <property name="username" value="${user}" />
```

```
    <property name="password" value="${passwd}" />
```

```
</bean>
```





Spring配置文件

<!--MyBatis的会话工厂-->

```
<bean id="sqlSessionFactory"  
class="org.mybatis.spring.SqlSessionFactoryBean">
```

<!--数据源（连接池）-->

```
<property name="dataSource" ref="datasource" />
```

<!--实体所在包-->

```
<property name="typeAliasesPackage" value="com.entity" />
```

<!--Mybatis的常量配置文件-->

```
<property name="configLocation" value="classpath:mybatis-config.xml"
```

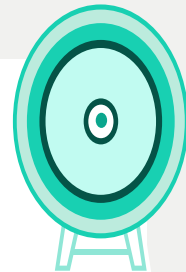
```
/>
```

<!--Mapper配置文件-->

```
<property name="mapperLocations" value="classpath:mapper/*.xml" />
```

```
</bean>
```





Spring配置文件

<!--Mybatis 会话管理-->

<bean class="org.mybatis.spring.mapper.MapperScannerConfigurer">

<!--会话工厂-->

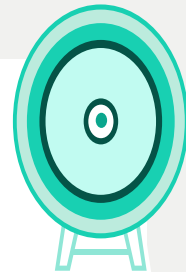
**<property name="sqlSessionFactoryBeanName"
value="sqlSessionFactory" />**

<!--映射接口文件所在包-->

<property name="basePackage" value="com.mapper" />

</bean>





Spring配置文件

<!--Spring MVC注解驱动-->

<mvc:annotation-driven />

<!--Spring MVC视图解析器-->

<bean

class="org.springframework.web.servlet.view.InternalResourceViewResolver">

<property name="suffix" value=".jsp" />

<property name="prefix" value="/views/" />

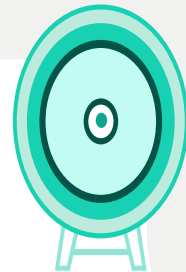
</bean>

<!--Spring MVC静态资源-->

<mvc:resources mapping="/lib/" location="/lib/" />**

<mvc:resources mapping="/images/" location="/images/" />**





web.xml

<servlet>

<!--注册Spring mvc控制器-->

<servlet-name>ctrl</servlet-name>

<servlet-class>org.springframework.web.servlet.DispatcherServlet</servlet-class>

<!--加载Spring文件-->

<init-param>

<param-name>contextConfigLocation</param-name>

<param-value>classpath:spring-config.xml</param-value>

</init-param>

</servlet>

<servlet-mapping>

<servlet-name>ctrl</servlet-name>

<url-pattern>/</url-pattern>

</servlet-mapping>

