**第一节 SpringMVC的环境搭建**

2016年3月7日 星期一

09:04

MyBatis框架-->持久层框架-->Object【对象】Relation[关系型数据库]Mapping[在MyBatis的体现是哪个映射文件中国的<resultMap>标签]框架 对JDBC的封装，需要定制SQL语句

处理的是**DataAccessOBjec**t数据访问对象

SpringMVC它隶属于Spring框架，它只是Spring这个庞大框架下的一个小模块，SpringMVC是替换我们之前学过的Servlet,在我们下面的课程的时候需要你回顾Servlet

如何学习一个框架？

1.找jar

2.配置核心配置文件

3.读取核心配置文件

4.测试Hello World

读取核心配置文件:MyBatis的时候，是由我们自己控制读取mybatis-config.xml Java

SpringMVC框架，WEB层，动态Web项目

第一步:找到Jar[19个]

第二步:建立核心配置文件

The DispatcherServlet is an actual Servlet (it inherits from the HttpServlet base class), and as such is declared in the **web.xml[部署描述符]** of your web application. You need to map requests that you want the DispatcherServlet to handle, by using a URL mapping in the same web.xml file. This is standard Java EE Servlet configuration; the following example shows such a DispatcherServlet declaration and mapping:

Servlet的生命周期

发送请求——>如果你是第一次访问获取使用服务器进行初始化操作 init()方法实例化

--》service方法->判断用doget、dopost

<load-on-startup>1</load-on-startup>

<load-on-startup>当服务器启动的时候就对该Servlet实话，并且值越小越被优先加载</load-on-startup>

JSP的生命周期[百度]

计算机生成了可选文字:
@ web.xml 
1 0" encoding="UTF-8"?> 
28 <web-app xm1ns:xsi—"http://www.w3.org/2001/XMLSchema-instance" 
3 
4 
5 
7 
9 
10 
11 
12 
13 
14-8 
15 
16 
17 
18 
19 
21 
22 
xmlns= "http : // java. sun. com/xm[/ns/javaee " 
xsi: schemaLocation= "http://java. sun. com/xm[/ns/javaee http://java. sun. com/xm[/ns/javaee 
id="WebApp ID" 
<servlet-name>shxt</servlet-name> 
- class > 
< load-on-startup >l</load-on-start 
<servlet-mapping> 
<servlet-name>shxt</servlet-name> 
-pattern) < ur -pattern) 
</serv et-mapplng> 
kwelcome-file- list > 
<welcome- file > index. 
</welcome-file- list > 
23 </web-app> 

Upon **init**ialization of a DispatcherServlet, Spring MVC looks for a file named *[servlet-name]-servlet.xml* in the **WEB-INF** directory of your web application and creates the beans defined there, overriding the definitions of any beans defined with the same name in the global scope.

计算机生成了可选文字:
Package Explorer 
004.P4kä-MyaatisES&Ä5 
005.P4kä-MyaatisES&æ32 
'RE System Library 
Üdk1.7.o_75] 
Apache Tomcat v7.O [Apache Tomcat v7.O] 
@ web.xml 
1 0" encoding="UTF-8"?> 
28 <web-app xmlns:xsi— "http://www.w3.org/2001/XMLSchema 
3 
4 
5 
6 
7 
Web App Libraries 
build 
We bContent 
B META-INF 
, WEB-INF 
shxt-servlet.x 
web.xml 
COMMON-FUNCTION 
Servers 
x-y37 
[sennet-name] —servlet.xml 
13 
14-8 
15 
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17 
18 
xmlns= "http : // java. sun. com/xm[/ns/javaee " 
xsi : schema Location= "http : // java. sun. com/xmL/ns/jl 
id="WebApp ID" 
<display-name >006. 
h Xt 
servlet-name> 
-class>org.springframework.web.servl. 
ad-on-startup >l</load-on-startup> 
<servlet-mapping> 
<servlet-name>shxt</servlet-name> 
</servlet-mapping> 
Desig n Source 
-servlet.xml 
1 0" encoding="UTF-8"?> 
28 <beans xmlns="http://www. springframework.org/schema/' 
3 
4 
5 
xmlns : xsi—"http://www.w3.org/2001/XMLSchema-instl 
xsi : schema Location= "http : //www. springframework . 0' 

计算机生成了可选文字:
Caused by: 
at 
at 
. 6 more 
java. lang. ClassNotFoundException: org.apache.commons.logging. Log 
org.apache.catalina.loader.WebappC1assLoaderBase.loadC1ass(WebappC1assLoaderBase.java : 1858) 
org.apache.catalina.loader.WebappC1assLoaderBase.loadC1ass(WebappC1assLoaderBase.java : 1701) 
. 20 more 

计算机生成了可选文字:
Package Explorer 
005.P4kä-MyaatisES&æ32 
com.shxt.controller 
IndexControllerjava 
'RE System Library 
Üdk1.7.o_75] 
Apache Tomcat v7.O [Apache Tomcat v7.O] 
Web App Libraries 
build 
We bContent 
B META-INF 
, WEB-INF 
shxt-servlet.x 
web.xml 
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t) ist 
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x-y37 
shxt-servlet.xml 
1 0" encoding 
28 <beans xmlns="http://www. sprin 
u:) Ind 
2 
ntrollerjava 
package com.shxt . controller; 
3 
4 
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7 
xmlns : xsi— "http : //www. w3. org/2001/XMLScht 
xsi : schema Location= "http : //www. springfrar 
rolle 
<bea name="/xy37" class "com. shxt. c 
</beans> 
39 import javax. servlet.http.HttpServ1etRec 
8 
public class IndexContr011er implements 
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Ilé 
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@Override 
public ModelAndView handleRequest(H1 
System. out. print " 
return null; 

跳转:

**请求转发:地址栏路径不变[默认的跳转方式]**

重定向:地址栏改变

计算机生成了可选文字:
public class IndexContr011er implements Controller { 
@Override 
public ModelAndView handleRequest(HttpServ1etRequest re uest Htt Serv1etRes onse res onse) 
System. out. print In ( " 
ModelAndView mav new ModelAndView() ; 
//1nterna1ResourceViewRes01ver.REDIRECT URL PR FIX 
// FORWARD URL PREFIX 
mav. setViewName( " shxt . jsp") ; 
return mav; 

配置视图解析器

计算机生成了可选文字:
home.jsp 
@ shxt-servlet.xml 
lexControllerjava 
<?xml 0" encoding="UTF- Q.XJspfin.R*tfiä, 
<beans xmlns="http://www. springfra 
xmlns : xsi— "http : //www. w3. org/2 
xsi : schema Location= "http : //www. 
- IndexContr011er xy37 = new In 
<bean id—"/xy37" class="com. shxt. controLLer. 
1 
<bean id—"jspViewResoLver" 
tp : //www. springframework.org/schem 
xControLLer " / > 
class="org. springframework . web. servLet. view. InternaLResourceViewResoLver 
<property name="prefix" 
<property name="suffix" value=" 
</bean> 
</beans> 

Caused by: java.lang.IllegalStateException: Ambiguous mapping. Cannot map 'homeController' method

计算机生成了可选文字:
Econtr 、 oiler 、 
@RequestMapping( " 、 " ） 
public class HomeCont r 、 011e r 、 { 
@RequestMapping(va1ue—"/xy37" ， method RequestMethod.GET) 
public ModelAndView testØ1()-( 
System.out.pr 、 intln(' 
return null. 
@RequestMapping(va1ue—"/xy37" ， method—RequestMethod .POST) 
public ModelAndView testØ2()-( 
System.out.pr 、 intln(" 
return null; 
@RequestMapping(va1ue— 
"/add" method RequestMethod.POST) 
public ModelAndView teste3()( 
System.out.pr 、 Intln(' 
return null. 