**第一节 SpringMVC的环境搭建**

2016年3月7日 星期一

09:04

MyBatis持久层框架ObjectRelationMapping框架《resultMap》 -->替换层次 —>DataAccessObject数据访问层

SpringMVC【它是spring框架下的一个模块，该模块是处理的web层】 -->替换层次 ->Servlet 控制层 Cotroller

1.找到jar[19个]

2.配置核心配置文件

3.读取核心配置文件

4.测试

疑问:如何加载核心配置文件？部署描述符web.xml

1.建立一个动态web工程

Servlet-->doGet doPost -> init()初始化 ->destroy销毁

Servlet的生命周期

Servlet->初始化[第一次访问的时候执行初始化或者在服务器启动的时候初始化]

-->service-》get/post

The DispatcherServlet is an actual Servlet (it inherits from the HttpServlet base class), and as such is declared in the **web.xml** 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:

**<load-on-startup>1</load-on-startup> 值越小越被优先加载**

在**web.xml**中配置下面的代码，注意url-pattern建议只是使用 **/**

|  |
| --- |
| <!-- 当服务器启动的时候加载核心配置文件 -->  <servlet>  <servlet-name>shxt</servlet-name>  <servlet-class>org.springframework.web.servlet.DispatcherServlet</servlet-class>  <load-on-startup>1</load-on-startup>  </servlet>    <servlet-mapping>  <servlet-name>shxt</servlet-name>  <url-pattern>**/**</url-pattern>  </servlet-mapping> |

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.

在WEB-INF文件夹下新建SpringMVC的核心配置文件为shxt-servlet.xml

在src目录下新建一个类

public class IndexController implements Controller {

@Override

public ModelAndView handleRequest(HttpServletRequest request, HttpServletResponse response) throws Exception {

System.out.println("================");

return null;

}

}

启动

计算机生成了可选文字:
Caused by: java. lang. ClassNotFoundException: org.apache.commons.logging. Log 
at org.apache.catalina.loader.WebappC1assLoaderBase.loadC1ass(WebappC1assLoaderBase.java : 1858) 
at org.ap che.cata1ina.10ader.WebappC1assLoaderBase.10adC1ass(WebappC1assLoaderBase.java:1701) 
. 20 more 

shxt-servlet.xml中配置如下

<bean name="/xy36" class="com.shxt.controller.IndexController"/>

说明

<bean name="/访问路径" class="com.shxt.controller.IndexController"/>

计算机生成了可选文字:
Package Explorer 
com.shxt 
log4j.properties 
@ mybatis-config.xml 
'RE System Library 
[JavaSE-1.7] 
Referenced Libraries 
shxt 
002.My8atis-E:Zfiit 
003.V1yBatisiFäÄ5 
004. My ti 
com.shxt.controller 
IndexControllerjava 
'RE System Library 
Lidk1.7.o_75] 
Apache Tomcat v7.O [Apache Tomcat v7.O] 
Web App Libraries 
build 
We bContent 
e, META-INF 
—servlet.xm • • • • • 
web.xml 
shxt-servlet.xml u] IndexControllerjava 
1 0" encoding="UTF-8"?> 
2' <beans xmlns="http://www. springframework.org/schema/beans " 
3 
4 
5 
6 
xmlns : xsi—"http://www.w3.org/2001/XMLSchema-instance " 
xsi: schemaLocation= "http://www. springframework.org/schema/beans http://www. sp 
<bean name="/xy36" class="com. shxt. controLLer. 
7 k/beans> 
Source Namespaces Overview beans Beans Graph 
@ web.xml 
1 0" encoding="UTF-8"?> 
28 <web-app xmlns:xsi="http://www. w3.org/2001/XMLSchema-instance" 
xmlns 
"http : //javc 
3 
4 
58 
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10 
Ilé 
13 
14 
15 
<disp1ay-name>006. SpringMVC 
</display-name> 
<servlet-name>shxt</servlet-name> 
<load-on-startup>l</load-on-startup> 
< / serwlef-mapping> 

关于跳转，默认情况下是**请求转发**，如果使用重定向配置mav.setViewName(**InternalResourceViewResolver.REDIRECT\_URL\_PREFIX+"mvc.jsp"**);

**如果使用重定向，前缀和后缀跟我毛关系都没有，需要指明全路径**

计算机生成了可选文字:
<bean name="/xy36" class="com. shxt. controLLer. IndexControLLe 
erride 
p*blic ModelAndView handleRequest(HttpServ1etRe 
ModelAndView mav new ModelAndView() ; 
System. out. print In ( " 
/ / mav. setViewName (Inte rna1Resou rceVie 
mav. setViewName( " shxt" ) ; 
/prefix+shxt+suffix 
return mav; 
6 
7 
9 
i 10 
ill 
13 
name: 
<bean id—"jspViewResoLver" 
<property name= "prefix" 
<property name="suffix" 
</bean> 
value 
value 
ternaLReso 
".jsp"/> 

注解方式讲解

核心配置文件如下

<!-- 启动SpringMVC注解 -->

**<mvc:annotation-driven/>**

<!-- 扫描 -->

**<context:component-scan base-package="com.shxt"/>**

<bean id="jspViewResolver"

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

<property name="prefix" value="/WEB-INF/"/>

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

</bean>

经典异常

java.lang.IllegalStateException: **Ambiguous[模棱两可]** mapping. Cannot map 'homeController' method

计算机生成了可选文字:
u:] HomeControllerjava 
package com.shxt.controller; 
1 
2 
3' import org.spri ntroller; 
4 import org.spri 
tation . RequestMapping; 
5 import org.spri 
import org.springframework. 
6 
7 
8 @Contr011er 
9 @RequestMapping("/sys/user") 
tation . 
vlet .Mode1And 
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public class HomeContr011er { 
@RequestMapping(va1ue {"/shxt" , "/wukong"} =tomcat"} 
public ModelAndView 
System. out. print In ( " 00000000000000" ) ; 
return null; 
@RequestMapping(va1ue="/shxt " , method=RequestMethod . POST) 
ethod=RequestMethod . GET) 
public ModelAndView test02(){ 
System. out. print "123123123") ; 
return null; 
1 
@RequestMapping(va1ue="/xy36",method=RequestMethod. GET) 
public ModelAndView 
System. out. print " 123123123") ; 
return null; 

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