2015081701_Java发展简介.doc [兼容模式] - Microsoft Word

天时间就完成了收购了。

分析：Oracle 为什么要收购 SUN？

No.	区别	Microsoft	
1	操作系统	Windows Server	UNIX， √
2	数据库	SQL Servier	Oracle Dat
3	中间件	IIS， √	Oracle Ser
4	编程语言	VS .NET， √	PL/SQL、
5	软件产品	Office	ERP、CR

MyEclipse Java Enterprise - Struts2_1200_AccessWebElements/src/com/bjsxt/struts2/user/action/LoginAction3.java

```
package com.bjsxt.struts2.user.action;

import javax.servlet.ServletContext;

public class LoginAction3 extends ActionSupport {

    private HttpServletRequest request;
    private HttpSession session;
    private ServletContext application;

    public LoginAction3() {
        request = ServletActionContext.getRequest();
        session = request.getSession();
        application = session.getServletContext();
    }

    public String execute() {
        request.setAttribute("
        session.setAttribute("s1", "s1");
        application.setAttribute("a1", "a1");
        return SUCCESS;
    }

}
```

ServletContext javax.servlet.http.HttpSession.getServletContext()
Note: An exception occurred while getting the Javadoc. See log for details.

```
tomcat6Server [Remote Java Application] C:\Program Files\Genuitec\Common\binary\
警告: Could not find property [.freemarker.RequestParameters]
2009-9-20 10:22:06 com.opensymphony.xwork2.util.logging.commons.CommonsLogger warn
警告: Could not find property [struts.actionMapping]
2009-9-20 10:22:06 com.opensymphony.xwork2.util.logging.commons.CommonsLogger warn
警告: Could not find property [org.apache.catalina.jsp_file]
```

操作手册_MyEclipse.docx - Microsoft Word

struts2.1.6 项目操作手册 0.1 版（仓促编制，请等待 1.0 版） 尚学堂马士兵老师编写 http://www.bjsxt.com

Result

1. 常用四种类型：
   a) dispatcher（默认）
   b) redirect
   c) chain
   d) redirectAction
2. 全局结果集
   a) global-results | extends
3. 动态结果（了解）
   a) 在 action 中保存一个属性，存储具体的结果 location
4. 传递参数
   a) 客户端跳转才需要传递
   b) ${}表达式（不是 EL）

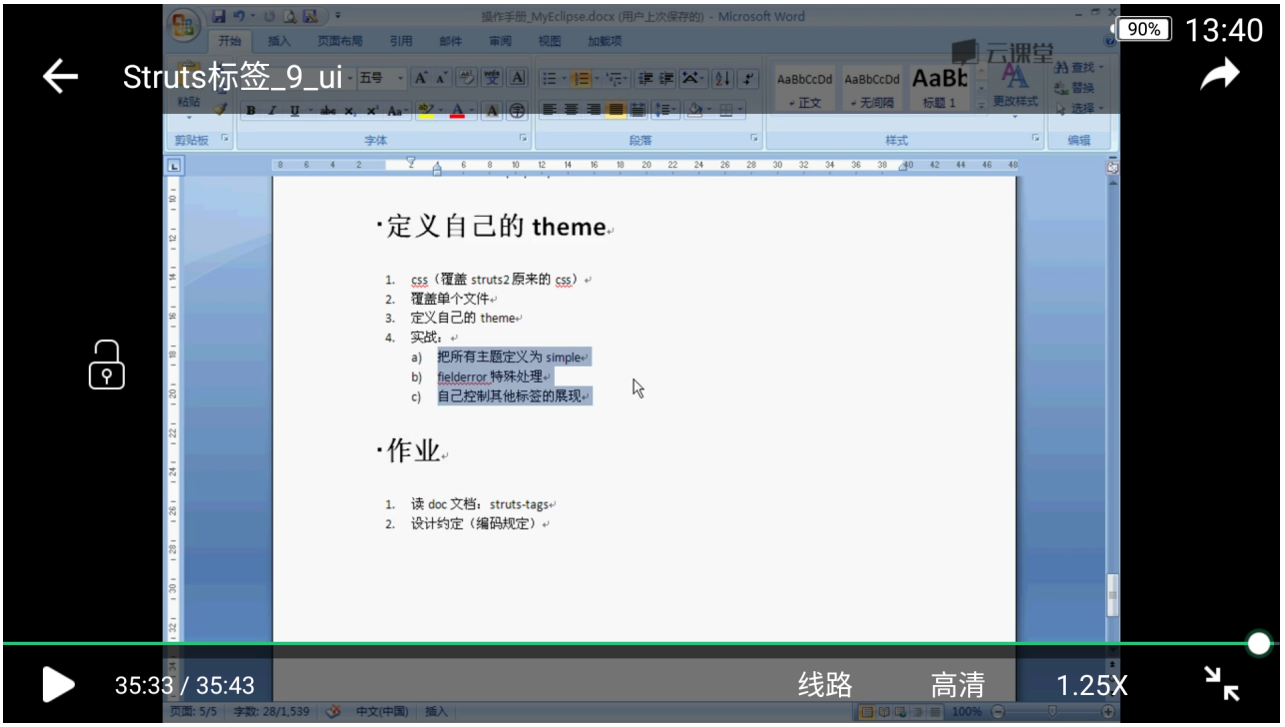
页面: 4/4 字数: 8/1,219 英语(美国) 插入 100%

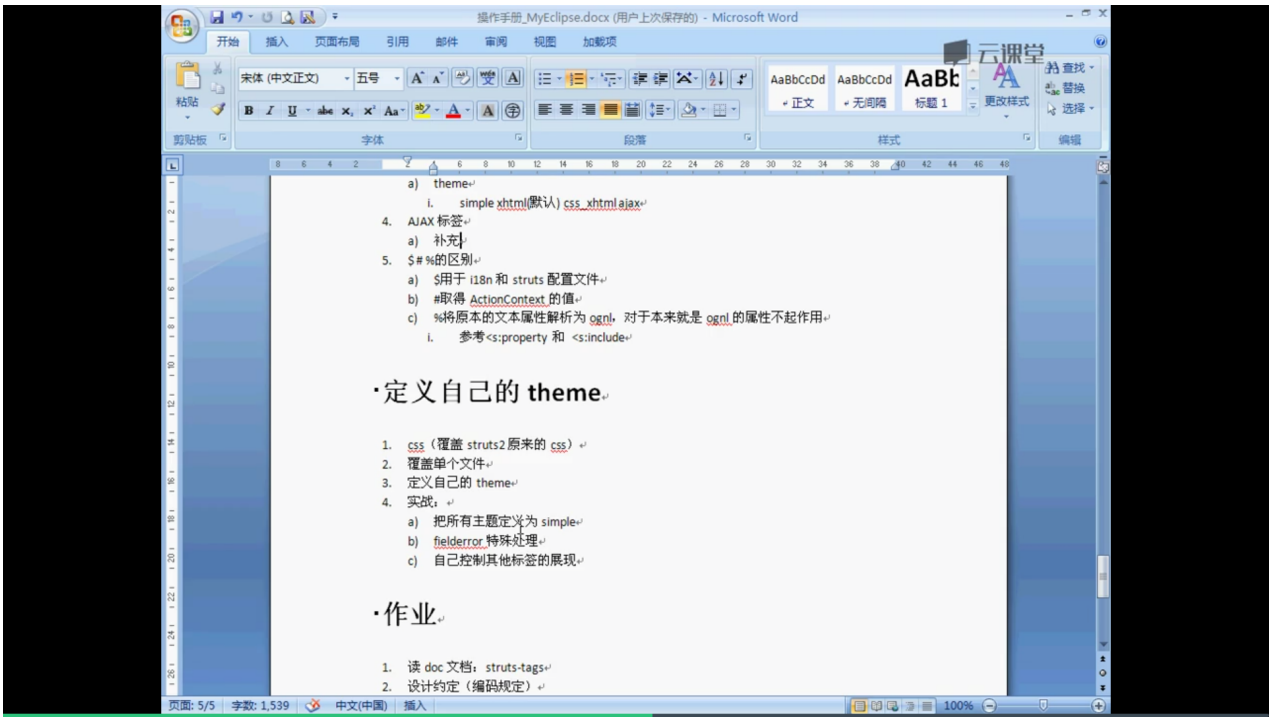
MyEclipse Java Enterprise - Struts2_2000_OGNL/WebRoot/ognl.jsp - MyEclipse Enterprise Workbench

```
访问List:<s:property value="users"/></li>
访问List中某个元素:<s:property value="users[1]"/></li>
访问List中元素某个属性的集合:<s:property value="users.{age}"/></li>
访问List中元素某个属性的集合中的特定值:<s:property value="users.{age}[0]"/> | <s:proj
访问Set:<s:property value="dogs"/></li>
访问Set中某个元素:<s:property value="dogs[1]"/></li>
访问Map:<s:property value="dogMap"/></li>
访问Map中某个元素:<s:property value="dogMap.dog101"/> | <s:property value="dogMap['
访问Map中所有的key:<s:property value="dogMap.keys"/></li>
访问Map中所有的value:<s:property value="dogMap.values"/></li>
访问容器的大小: <s:property value="dogMap.size()"/> | <s:property value="users.size
/>
投影(过滤): <s:property value="users.{?#this.age==1}.{age}"/></li>
投影: <s:property value="users.{^#this.age>1}.{age}"/></li>
投影: <s:property value="users.{$#this.age>1}.{age}"/></li>
投影: <s:property value="users.{$#this.age>1}.{age} == null"/></li>
/>
<li>[]:<s:property value="[0]"/></li>

g></s:debug>
```

```
2009-9-21 10:09:59 com.opensymphony.xwork2.util.logging.commons.CommonsLogger warn
警告: Could not find property [.freemarker.Request]
2009-9-21 10:09:59 com.opensymphony.xwork2.util.logging.commons.CommonsLogger warn
警告: Could not find property [.freemarker.RequestParameters]
```


Struts标签_9_ui
90%
13:40
·定义自己的 theme
1. css（覆盖 struts2 原来的 css）
2. 覆盖单个文件
3. 定义自己的 theme
4. 实战：
a) 把所有主题定义为 simple
b) fielderror 特殊处理
c) 自己控制其他标签的展现
·作业
1. 读 doc 文档：struts-tags
2. 设计约定（编码规定）
35:33 / 35:43
线路
高清
1.25X


a) theme
i. simple xhtml(默认) css_xhtml ajax
4. AJAX 标签
a) 补充
5. $ # %的区别
a) $用于 i18n 和 struts 配置文件
b) #取得 ActionContext 的值
c) %将原本的文本属性解析为 ognl，对于本来就是 ognl 的属性不起作用
i. 参考<s:property 和 <s:include
·定义自己的 theme
1. css（覆盖 struts2 原来的 css）
2. 覆盖单个文件
3. 定义自己的 theme
4. 实战：
a) 把所有主题定义为 simple
b) fielderror 特殊处理
c) 自己控制其他标签的展现
·作业
1. 读 doc 文档：struts-tags
2. 设计约定（编码规定）

MyEclipse Java Enterprise Development - struts2_3000_BBS2009_02/src/struts.xml - MyEclipse Enterprise Workbench

```
            <exception-mapping result="exception_handle" exception="Exception">
        </global-exception-mappings>
    </package>
    -->
    <package name="admin" namespace="/admin" extends="struts-default" >

        <action name="*_*" class="com.bjsxt.bbs2009.action.{1}Action" method="{2}"
            <result>/admin/{1}-{2}.jsp</result>
            <result name="input">/admin/{1}-{2}-input.jsp</result>
        </action>
        <!--
        <action name="category" class="com.bjsxt.bbs2009.action.CategoryAction">
            <result>/admin/category_list.jsp</result>
            <result name="add_input">/admin/category_add_input.jsp</result>
            <result name="update_input">/admin/category_update_input.jsp</result>

        </action>
         -->
    </package>


    <package name="front" namespace="/" extends="struts-default" >
```

```
信息: Unable to locate configuration files of the name struts-plugin.xml, skipping
2009-9-25 10:07:57 com.opensymphony.xwork2.util.logging.commons.CommonsLogger info
信息: Parsing configuration file [struts-plugin.xml]
2009-9-25 10:07:57 com.opensymphony.xwork2.util.logging.commons.CommonsLogger info
信息: Parsing configuration file [struts.xml]
```

MyEclipse Java Enterprise Development - struts2_3000_BBS2009_02/src/struts.xml - MyEclipse Enterprise Workbench

```
            <exception-mapping result="exception_handle" exception="Exception">
        </global-exception-mappings>
    </package>
    -->
    <package name="admin" namespace="/admin" extends="struts-default" >

        <action name="*_*" class="com.bjsxt.bbs2009.action.{1}Action" method="{2}"
            <result>/admin/{1}-{2}.jsp</result>
            <result name="input">/admin/{1}-{2}.jsp</result>
        </action>
        <!--
        <action name="category" class="com.bjsxt.bbs2009.action.CategoryAction">
            <result>/admin/category_list.jsp</result>
            <result name="add_input">/admin/category_add_input.jsp</result>
            <result name="update_input">/admin/category_update_input.jsp</result>

        </action>
         -->
    </package>


    <package name="front" namespace="/" extends="struts-default" >
```

```
信息: Unable to locate configuration files of the name struts-plugin.xml, skipping
2009-9-25 10:07:57 com.opensymphony.xwork2.util.logging.commons.CommonsLogger info
信息: Parsing configuration file [struts-plugin.xml]
2009-9-25 10:07:57 com.opensymphony.xwork2.util.logging.commons.CommonsLogger info
信息: Parsing configuration file [struts.xml]
```

MyEclipse Java Enterprise Development - struts2_3200_BBS2009_08_I18N/WebRoot/admin/Login-login.jsp - MyEclipse E...

File Edit Refactor Source Navigate Search Project MyEclipse Run Window Help

Package Explorer | Hierarchy

- WebRoot
  - admin
    - ext
    - Category-add.jsp
    - Category-addInput.jsp
    - Category-delete.jsp
    - Category-list.jsp
    - Category-update.jsp
    - Category-updateInput.jsp
    - index.html
    - Login-input.jsp
    - Login-login.jsp
  - META-INF
  - res
  - WEB-INF
    - lib

Image Preview | Snippets

struts.xml | Login-login.jsp | bbs2009_en_US.proper | bbs2009_zh_CN.proper

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
  <head>
    <base href="<%=basePath%>">

    <title>My JSP 'Category_input.jsp' starting page</title>

    <meta http-equiv="pragma" content="no-cache">
    <meta http-equiv="cache-control" content="no-cache">
    <meta http-equiv="expires" content="0">
    <meta http-equiv="keywords" content="keyword1,keyword2,keyword3">
    <meta http-equiv="description" content="This is my page">
    <!--
    <link rel="stylesheet" type="text/css" href="styles.css">
    -->

  </head>

  <body>
    <s:text name="welcome.msg">
        <s:param value="username"></s:param>
    </s:text>
  </body>
```

Problems | Tasks | Web Browser | Console | Servers | Outline | Properties

tomcat6Server [Remote Java Application] C:\Program Files\MyEclipse

```
2009-9-25 17:46:28 com.opensymphony.xwork2.util.logging.commons.CommonsLogger war:
警告: Could not find property [login]
2009-9-25 17:46:28 com.opensymphony.xwork2.util.logging.commons.CommonsLogger war:
警告: Could not find property [login]
```

html/#text | Writable | Smart Insert | 24 : 3

MyEclipse Java Enterprise Development - struts2_3200_BBS2009_08_I18N/src/bbs2009_en_US.properties - MyEclipse En...

File Edit Navigate Search Project MyEclipse Run Window Help

Package Explorer | Hierarchy

- Category-addInput.jsp
- Category-delete.jsp
- Category-list.jsp
- Category-update.jsp
- Category-updateInput.jsp
- index.html
- Login-input.jsp
- Login-login.jsp
- META-INF
- res
- WEB-INF
  - lib
  - web.xml
- doc.html
- index.jsp
- readme.txt

Image Preview | Snippets

struts.xml | Login-login.jsp | bbs2009_en_US.proper | bbs2009_zh_CN.proper

```
login.username=username:
login.password=password:
login.login=login
welcome.msg=welcome:{0}
```

Problems | Tasks | Web Browser | Console | Servers | Outline | Properties

tomcat6Server [Remote Java Application] C:\Program Files\MyEclipse

```
2009-9-25 18:00:49 com.opensymphony.xwork2.util.logging.commons.CommonsLogger war:
警告: Could not find property [org.apache.catalina.jsp_file]
2009-9-25 18:00:49 com.opensymphony.xwork2.util.logging.commons.CommonsLogger war:
警告: Could not find property [welcome]
```

Writable | Insert | 4 : 24

管理员登录 - Mozilla Firefox

http://localhost:8080/struts2_3200_BBS2009_08_I18N/admin/Login-input?request_locale=en_US

username: a password: login

[Debug]

Struts ValueStack Debug

Value Stack Contents

Object	Property Name	Property Value
com.bjsxt.bbs2009.action.LoginAction	password	null
	locale	en_US
	errorMessages	[]
	errors	{}
	actionErrors	[]
	username	null
	texts	null
	fieldErrors	{}
	actionMessages	[]
com.opensymphony.xwork2.DefaultTextProvider	texts	null

Stack Context

These items are available using the #key notation

Key	Value
last.bean.accessed	null

操作手册.doc - Microsoft Word

d) 动态语言切换

i. request_locale=en_US

•Struts 拦截器以及源码解析

1. Struts 架构图
   a) 见文档
2. Struts 执行过程分析
3. Interceptor 拦截器过程模拟
4. 定义自己的拦截器
5. 使用 token 拦截器控制重复提交（很少用）
6. 日期处理
7. 类型转换
   a) 写自己的转换器：

```
public class MyPointConverter extends DefaultTypeConverter{

    @Override
    public Object convertValue(Object value, Class toType) {
        if(toType == Point.class) {
            Point p = new Point();
            String[] strs = (String[])value;
            String[] xy = strs[0].split(",");
            p.x = Integer.parseInt(xy[0]);
            p.y = Integer.parseInt(xy[1]);
            return p;
        }
```