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<JSTORM>

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JSP - 2



JSTORM  
<http://www.jstorm.pe.kr>

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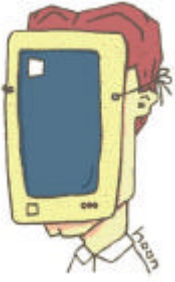
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## JSP

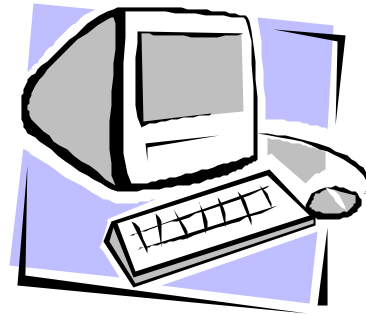
( 8 )



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- <http://www.uni plaza-.co.kr/>

1



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## JSP

JSP

JSP

### 1) (Java Beans)

가

(Component)

(Jbuilder )

가

set, get

(setter, getter)가

JSP

?

### 2) JSP

JSP

< 1> MyMember.java

```
public class MyMember {
    private String userId = "";
    public MyMember() { }

    // set
    public void setUserId(String _userId) { userId = _userId;}

    // get
    public String getUserId() { return userId; }
}
```

< 2> GetReady.jsp

```
<%@ page contentType="text/html; charset=euc-kr"%>
<html>
<head><title>        JSP        </title></head>
<body>
<form name="MyForm" method="get" action="Meeting.jsp">
        : <input type="text" name="userId" size="10">
<input type="submit" value="        ">
</form>
</body>
</html>
```

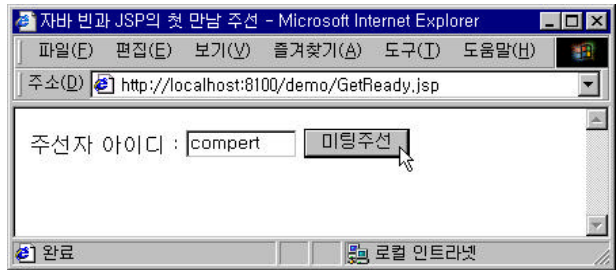
< 3> Meeting.jsp

```
<%@ page contentType="text/html; charset=euc-kr" %>
<jsp:useBean id="myMember" scope="page" class="MyMember">
    <jsp:setProperty name="myMember" property="userId" />
</jsp:useBean>

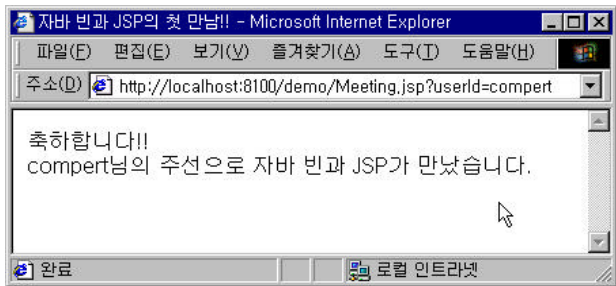
<html>
<head><title>        JSP        !!</title></head>
<body>
        !!<br>
<jsp:getProperty name="myMember" property="userId" />
        JSP가!        .

</body>
</html>
```

```
< 1> MyMember.java가 . <JRun
>/servers/default/demo-app/Web-inf/classes/ javac MyMember.java
MyMember.class ?
가 !JRun
. JRun
JRun Default Server 가
Restart . JRun Admin Server
가
가 ? JRun Admin Server
.
.class
JRun Server
JRun 3.0 . javac
path autoexec.bat
set path=%path%;c:\progra~1\jdk122\bin; 가
JDK
< 2> < 3> jsp <JRun >/serve
rs/default/demo-app/ ?
```



< 1> GetReady.jsp



< 2> GetReady.jsp “ ”



```

3          ?
    < 2> Meeting.jsp          userId      compert
.
.
.
    < 3> Meeting.jsp
      (useBean)          (setProperty)
.
.
.
                        (getProperty)
.
.
.
2> GetReady.jsp <input>      name  userId      MyMember.java      <
.
.
.
                        JSP
    
```

### 3) JSP

SUN JSP 1.1 Beta Syntax

<http://java.sun.com/products/jsp/technical.html>

		JSP
<jsp:useBean>	(scope)	<jsp: useBean id=" beanInstanceName " scope=" page  request  session  application" { class=" package. class " [ type=" package. class " ]   type=" package. class "  beanName="{ package. class   <%= expression %>}" type=" package. class "} {/}>   > other elements </jsp: useBean> }
	(locate)	
	(instantiate)	
<jsp:setProperty>		<jsp: setProperty name=" beanInstanceName " { property="*"   property=" propertyName " [ param=" parameterName "] property=" propertyName " value="{ string   <%= expression %>}" } />
<jsp:getProperty>		<jsp: getProperty name=" beanInstanceName " property=" propertyName "/>
<jsp:include>	(Static)	<jsp: include page="{ relativeURL   <%= expression %>}" flush=" true" {/}>
	(Dynamic)	[ <jsp: param name=" parameterName " value="{ parameterValue   <%= expression %>}" /> ]+ </jsp: include> }

<jsp:forward>	TML, JSP, (forward)	H	<pre> &lt;jsp: forward page="{ relativeURL   &lt;%= expression %&gt; }" { /&gt;   [ &lt;jsp: param name=" parameterName " value="{ parameterValue   &lt;%= expression %&gt; }" /&gt; ]+ &lt;/ jsp: forward&gt; } </pre>
<jsp:plugin>	plug-in		<pre> &lt;jsp: plugin type=" bean  applet" code=" classFileName " codebase=" classFileDirectoryName " [ name=" instanceName " ] [ archive=" URIToArchive, ... " ] [ align=" bottom  top  middle  left  right" ] [ height=" displayPixels " ] [ width=" displayPixels " ] [ hspace=" leftRightPixels " ] [ vspace=" topBottomPixels " ] [ jreversion=" JREVersionNumber   1.1 " ] [ nspluginurl=" URLToPlugin " ] [ iepluginurl=" URLToPlugin " ] &gt; [ &lt;jsp: params&gt; [ &lt;jsp: param name=" parameterName " v alue="{ parameterValue   &lt;%= expression %&gt; }" /&gt; ]+ &lt;/ jsp: params&gt; ] [ &lt;jsp: fallback&gt; text message for user &lt;/ jsp: fallback&gt; ] &lt;/ jsp: plugin&gt; </pre>

< 1> JSP

				JSP 1.1 Spec	Dir
ectives	Actions			“ ”	
	JSP	가		.	<%
	%>		<jsp:	/>	?
		가	<jsp:param>	가	
	/jsp:>			.	
				.	
	가. <jsp:useBean>				
		가		.	
	id	. String	str		String str

```
;
    scope
page , request, session, application
    application
    request ServletRequest
    session HttpSession
class
String str;
    MyClasses Member
Classes.Member'
    beanName java.beans.Beans
    type
    beanName type
<jsp:useBean>
    <%! %>
    <%! %>
    <jsp:setProperty>, <jsp:getProperty>
    <jsp:setProperty>
    <jsp:useBean>
    </jsp:useBean>
)
<% --
    MyClasses MyMember my
Member --% >
<jsp:useBean id="myMember" class="MyClasses.MyMember"
scope="page" />
<% -- myMember
    userId compert --
%>
<jsp:useBean id="myMember" class="MyClasses.MyMember"
scope="page">
<jsp:setProperty name="myMember" property="userId" value="compert"
/>
</jsp:useBean>
```

**<jsp:setProperty>**

```
    . name=""
property=""
    . value=""
    . param
```

```
가
.
JSP
?
%> member.setUserId ("compert");
. JSP
<jsp:setProperty>가
가
"가
", , Email 가 DB
request.getParameter("") ?
가 ? <jsp:setProperty>
가 <jsp:setProperty>
가 ?
< 3> . http://localhost:8100/demo/Meeting.jsp?userId=compert
.< 2> GetReady.jsp <input>
name userId가 Meeting.jsp 가
compert <input> name
! GetReady.jsp Meeting.jsp
? GetReady.jsp <form> action="Meeting.jsp"
input name MyMember.java
<jsp:setProperty> property=""
"*)" ? ! input name
"*)" /> <jsp:serProperty name="myMember" property=
!! 가
param <input> name
email <input> name myMember userId
<jsp:setProperty name="myMember" property="userId" param="email" />
)
<% -- myMember userId userId
--% >
<jsp:setProperty name="myMember" property="userId" />
<% -- myMember userId email
--% >
<jsp:setProperty name="myMember" property="userId" param="email" />
```

```
<%-- myMember      userId      compert      --% >  
<jsp:setProperty name="myMember" property="userId" value="compert"/>
```

```
<%-- myMember      --% >  
<jsp:setProperty name="myMember" property="*" />
```

**. <jsp:getProperty>**

```
        . name=""  
        property=""  
        .  
        <%= %>      가  
        . <      3>  
property="userId" />  
        <jsp:getProperty name="myMember"  
<%= myMember.getUserId() %>  
        .  
        )  
<%-- myMember      userId      . <%= myMember.getUse  
rId() %>      --% >  
<jsp:getProperty name="myMember" property="userId" />
```

setProperty	getProperty	가	?	s
etProperty	set	getPropert	get	가
	MyMember	userId	set	setUserId()
setuSEriD()		?		
set	get			
	set	setuSEriD()	get	getuS
EriD()		set	get	
			(Naming Rule)	가
			(Code Conventions)	<a href="http://java.sun.com/docs/codeconv/html/CodeConvTOC.doc.html">http://java.s</a>
				<a href="http://java.sun.com/docs/codeconv/html/CodeConvTOC.doc.html">un.com/docs/codeconv/html/CodeConvTOC.doc.html</a>

< 1> setProperty getProperty

**. <jsp:include>**

```
<% @ i
```

```
nclude %>
    flush="true"
    1.1
    <jsp:param>
    )
    <% -- Header.html --% >
    <jsp:include page="Header.html" />

    <% -- Greeting.jsp userId compert --% >
    <jsp:include page="Greeting.jsp" flush="true">
    <jsp:param name="userId" value="compert" />
    </jsp:include>

    . <jsp:forward>
        가
        가
        가
        forward
        . page=""
        가 JSP
        가
        History
        " "
        가
        (parameter)
        name="", value=""
        URL
        URL ?name
        =value
        URL page=""
        URL
        location.repl
        ace()

    )
    <% -- --% >
    <jsp:forward page=" ./MyErrorPage.jsp" />

    <% -- errorCode 0010 --% >
```

```
<jsp:forward page="/MyErrorPage.jsp" >  
<jsp:param name="errorCode" value="0010" />  
</jsp:forward>
```

```
<%--          URL          --% >  
<jsp:forward page="/MyErrorPage.jsp?errorCode=0010" />
```

```
<%--          --% >  
<script> location.replace('/MyErrorPage.jsp?errorCode=0010') </script>
```

```
<jsp:plugin>  
    http://java.sun.com/products/jsp/download.html    JSP 1.1 Spec  
    가
```

< 4> MyMember2.java

```
public class MyMember2 {  
    private String userId = "";  
    private String name = "";  
    private String phone = "";  
    private String email = "";  
  
    public MyMember2() {  
    }  
  
    public void setUserId(String str) { userId = str; }  
    public void setName(String str) { name = str; }  
    public void setPhone(String str) { phone= str; }  
    public void setEmail(String str) { email= str; }  
  
    public String getUserId() { return userId; }  
    public String getName() { return name; }  
    public String getPhone() { return phone; }  
    public String getEmail() { return email; }  
}
```

< 5> MyJoin.jsp

```
<%@ page contentType="text/html; charset=euc-kr" %>
<html>
<head><title>      가  </title></head>

<body>
<form name='MyJoin' method='post' action='Greeting.jsp'>
<table border=1>
  <tr><td><font size=3><b>      가  </b></font></td></tr>
  <tr><td align=center>
    <table border=0>
      <tr>
        <td width=30%>      </td>
        <td width=70%><input type=text name=userId
size=20></td>
      </tr>
      <tr>
        <td>      </td>
        <td><input type=text name=name
size=20></td>
      </tr>
      <tr>
        <td>      </td>
        <td><input type=text name=phone
size=20></td>
      </tr>
      <tr>
        <td>E-mail      </td>
        <td><input type=text name=email
size=30></td>
      </tr>
    </table>
  </td></tr>
  <tr><td align=center><input type=submit value=가  ></td></tr>
</table>
</form>

</body>
</html>
```



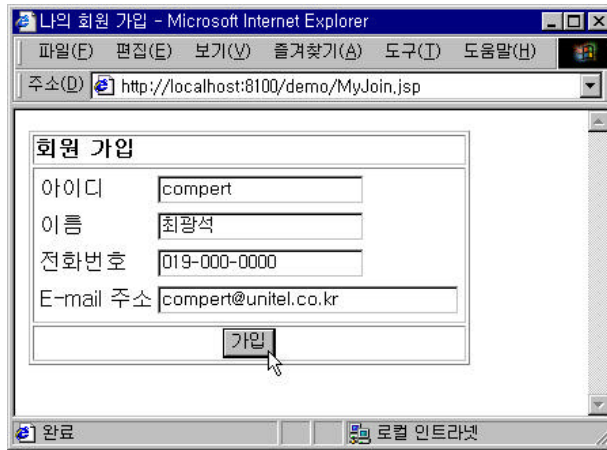
< 6> Greeting.jsp

```
<%@ page contentType="text/html; charset=euc-kr" %>
<jsp:useBean id="myMember2" scope="page" class="MyMember2">
    <jsp:setProperty name="myMember2" property="*" />
</jsp:useBean>
<%
    String name = request.getParameter("name");
    name = new String(name.getBytes("8859_1"), "KSC5601");
    myMember2.setName(name);
%>

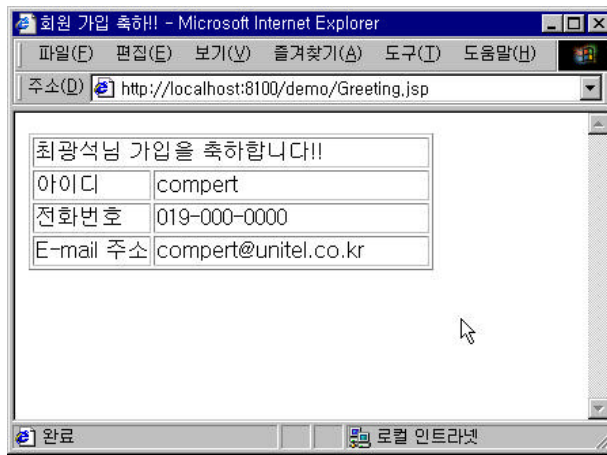
<html>
<head><title>    가    !!</title></head>

<body>

<table border=1>
    <tr>
        <td colspan=2><%= myMember2.getName() %>    가
    !!</td>
    </tr>
    <tr>
        <td width=30%>    </td>
        <td width=70%><%= myMember2.getUserId() %></td>
    </tr>
    <tr>
        <td>    </td>
        <td><%= myMember2.getPhone() %></td>
    </tr>
    <tr>
        <td>E-mail    </td>
        <td><%= myMember2.getEmail() %></td>
    </tr>
</table>
</body>
</html>
```



< 3> MyJoin.jsp



< 4> MyJoin.jsp "가"

< 5> MyMember2.java

```
.< 6> Greeting.jsp 3 <jsp:setProperty name="myMember2" propert  
rty="*" /> 가
```

```
? 가 . Encoder.java  
가 .  
URL 가 ? <
```

```
6> Greeting.jsp <form> method가 get post
```

```
?  
JSP
```