

 免費電子書

學習

jsf

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1: jsf

JavaServer FacesJSF - - HTMLWeb。 FaceletsJSPHTMLbean。

2.3	Arjan Tijms	2017328
2.2		2013521
2.1		2010-11-22
2.0		2009-07-01
1.2		2006-05-11
1.1		2004-05-27
1.0		2004-03-11

Examples

JSF

'ol [JSF wiki](#)

'ol [JSF wiki](#)

'ol [JSF wiki](#)

[jsf https://riptutorial.com/zh-TW/jsf/topic/916/jsf](https://riptutorial.com/zh-TW/jsf/topic/916/jsf)

2: Ajax

Examples

ajax◦

Bean.java

```
@ManagedBean
@ViewScoped
public class Bean {

    public Date getCurrentDate() {
        return new Date();
    }

}
```

sample.xhtml

```
<html xmlns="http://www.w3.org/1999/xhtml"
      xmlns:h="http://xmlns.jcp.org/jsf/html"
      xmlns:f="http://xmlns.jcp.org/jsf/core"
      xmlns:ui="http://xmlns.jcp.org/jsf/facelets">
<h:head />
<h:body>
    <h:form>
        <h:commandButton value="Execute ajax">
            <f:ajax render="output" />
        </h:commandButton>
        <p>
            <h:outputText id="output" value="Ajax date: #{bean.currentDate}" />
        </p>
        <p>
            <h:outputText id="output2" value="Non-Ajax date: #{bean.currentDate}" />
        </p>
    </h:form>
</h:body>
</html>
```

◦ text1text2 ◦

Bean.java

```
@ManagedBean
@ViewScoped
public class Bean {

    private String text1;

    private String text2;

    public String getText1() {
```

```

        return text1;
    }

    public void setText1(String text1) {
        this.text1 = text1;
    }

    public String getText2() {
        return text2;
    }

    public void setText2(String text2) {
        this.text2 = text2;
    }

    public void listener() {
        System.out.println("values: " + text1 + " " + text2);
    }
}

```

sample.xhtml

```

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml"
      xmlns:h="http://xmlns.jcp.org/jsf/html"
      xmlns:f="http://xmlns.jcp.org/jsf/core"
      xmlns:ui="http://xmlns.jcp.org/jsf/facelets">
<h:head />
<h:body>
    <h:form>
        <h:inputText id="my_input" value="#{bean.text1}" />
        <h:inputText value="#{bean.text2}" />
        <h:commandButton value="Execute ajax">
            <f:ajax execute="@this my_input" listener="#{bean.listener}" />
        </h:commandButton>
    </h:form>
</h:body>
</html>

```

javascriptAjax

Bean.java

```

@ManagedBean
@ViewScoped
public class Bean {

    public Date getCurrentDate(){
        return new Date();
    }

}

```

sample.xhtml

```

<html xmlns="http://www.w3.org/1999/xhtml"

```

```

xmlns:h="http://xmlns.jcp.org/jsf/html"
xmlns:f="http://xmlns.jcp.org/jsf/core"
xmlns:ui="http://xmlns.jcp.org/jsf/facelets">
<h:head />
<h:body>
  <h:form>
    <h:inputText>
      <f:ajax event="keyup" render="output" />
    </h:inputText>
    <p>
      <h:outputText id="output" value="Ajax date: #{bean.currentDate}" />
    </p>
  </h:form>
</h:body>
</html>

```

◦ JSF 2.2

Bean.java

```

@ManagedBean
@ViewScoped
public class Bean {

    public Date getCurrentDate() {
        return new Date();
    }

}

```

sample.xhtml

```

<html xmlns="http://www.w3.org/1999/xhtml"
xmlns:h="http://xmlns.jcp.org/jsf/html"
xmlns:f="http://xmlns.jcp.org/jsf/core"
xmlns:ui="http://xmlns.jcp.org/jsf/facelets">
<h:head />
<h:body>
  <h:form>
    <h:inputText>
      <f:ajax event="keyup" render="output" delay="2000" />
    </h:inputText>
    <p>
      <h:outputText id="output" value="Ajax date: #{bean.currentDate}" />
    </p>
  </h:form>
</h:body>
</html>

```

Ajax <https://riptutorial.com/zh-TW/jsf/topic/4916/ajax>

3: JSF 2Flash

FlashRuby on Railsfaces。 Rails。 “ID。

<redirect /><navigation-case>JSF。 GET。 Faces“Post / Redirect / Get”。

Examples

Flash Scope

Bean1

```
@ManagedBean
@ViewScoped
public class Bean1 implements Serializable {

    /**
     * Just takes the given param, sets it into flash context and redirects to
     * page2
     *
     * @param inputValue
     * @return
     */
    public String goPage2(String inputValue) {
        FacesContext.getCurrentInstance().getExternalContext().getFlash()
            .put("param", inputValue);
        return "page2?faces-redirect=true";
    }
}
```

page1.xhtml

```
<html xmlns="http://www.w3.org/1999/xhtml"
      xmlns:h="http://java.sun.com/jsf/html"
      xmlns:ui="http://java.sun.com/jsf/facelets"
      xmlns:c="http://java.sun.com/jsp/jstl/core">
<h:head />
<h:body>

    <!-- Sets the first flash param at the action method -->
    <h:form>
        <h:inputText value="#{inputValue}" />
        <h:commandButton action="#{bean1.goPage2(inputValue)}"
            value="Go Page 2" />
    </h:form>

    <!-- Sets the second flash param -->
    <c:set target="#{flash}" property="param2" value="Myparam2" />

    <!-- Tries to retrieve both of the params.
    Note none of them is displayed at the first page hit.
    If page refreshed, the second param which has been already set, will be displayed -->
    <p>Param1: #{flash['param']}</p>
```

```
<p>Param2: #{flash['param2']}</p>
</h:body>
</html>
```

Bean2

```
@ManagedBean
@ViewScoped
public class Bean2 implements Serializable {

    public String getParam() {
        /**
         * Takes the parameter from the flash context
         */
        return (String) FacesContext.getCurrentInstance().getExternalContext()
            .getFlash().get("param");
    }
}
```

page2.xhtml

```
<html xmlns="http://www.w3.org/1999/xhtml"
      xmlns:h="http://java.sun.com/jsf/html"
      xmlns:ui="http://java.sun.com/jsf/facelets"
      xmlns:f="http://java.sun.com/jsf/core">
<h:head />
<!-- This page just displays the received params -->
<h:body>
    <!-- Different ways to retrieve the params from the flash scope -->
    <p>Param1: #{bean2.param}</p>
    <p>Param1: #{flash.param}</p>
    <p>Param1: #{flash['param']}</p>
    <p>Param2: #{flash['param2']}</p>

    <!-- Keep the first param for next redirection -->
    #{flash.keep.param}

    <!-- Return to page1 and see how the first param is retained -->
    <h:button outcome="page1?faces-redirect=true" value="return to 1" />
</h:body>
</html>
```

JSF 2Flash <https://riptutorial.com/zh-TW/jsf/topic/3906/jsf-2flash>

4: JSF

JSFHTML< - - > < - <hcommandButton value =“Push”onclick =“alert'Hello';” /> - >。 JSF<!----->。
JSF

- <ui:remove>JSF</ ui:remove>

Oracle

- oracle.com<ui:remove>
- facelets.java.netSKIP_COMMENTS

Examples

JSF<ui:remove></ui:remove> ◦

```
<ui:remove>
  <h:outputLabel value="Yeah, I'm really commented" />
</ui:remove>
```

xmlnshtml◦

```
<html xmlns="http://www.w3.org/1999/xhtml"
  xmlns:h="http://java.sun.com/jsf/html"
  xmlns:ui="http://java.sun.com/jsf/facelets">

  <ui:remove>
    <h:outputLabel value="Yeah, I'm really commented" />
  </ui:remove>

</html>
```

facelets.SKIP_COMMENTS

web.xml

```
<context-param>
  <param-name>facelets.SKIP_COMMENTS</param-name>
  <param-value>>true</param-value>
</context-param>
```

HTML<!----->

```
<!--
  <h:outputLabel value="Yeah, I'm really commented" />
-->
```

web.xmlfacelets.SKIP_COMMENTS

```
<html xmlns="http://www.w3.org/1999/xhtml"
      xmlns:h="http://java.sun.com/jsf/html"
      xmlns:ui="http://java.sun.com/jsf/facelets">

  <!--
    <h:outputLabel value="Yeah, I'm really commented" />
  -->

</html>
```

JSF <https://riptutorial.com/zh-TW/jsf/topic/8164/jsf>

5: JSF

JSFfaceletsWeb ◦ ◦

```
xmlns:h="http://xmlns.jcp.org/jsf/html"  
xmlns:ui="http://xmlns.jcp.org/jsf/facelets"
```

Examples

/WEB-INF/template.xhtml ◦

/WEB-INF/template.xhtml

```
<!DOCTYPE html>  
<html lang="en"  
  xmlns="http://www.w3.org/1999/xhtml"  
  xmlns:h="http://xmlns.jcp.org/jsf/html"  
  xmlns:ui="http://xmlns.jcp.org/jsf/facelets">  
  
  <h:head>  
    <title><ui:define name="title">Default title</ui:define></title>  
  </h:head>  
  
  <h:body>  
    <!-- Some styles that we might include for our whole application -->  
    <h:outputStylesheet name="css/template.css" />  
  
    <!-- Shared content for the application, e.g. a header, this can be an include -->  
    <div>  
      Application Header  
    </div>  
  
    <!-- The content we want to define in our template client -->  
    <div>  
      <ui:insert name="content" />  
    </div>  
  </h:body>  
</html>
```

◦ ◦

/home.xhtml

```
<ui:composition template="/WEB-INF/template.xhtml"  
  xmlns="http://www.w3.org/1999/xhtml"  
  xmlns:ui="http://xmlns.jcp.org/jsf/facelets">  
  
  <ui:define name="title">Home</ui:define>  
  
  <ui:define name="content">  
    Welcome to the application!  
  </ui:define>  
</ui:composition>
```

templateJSF◦ <ui:define>◦ /home.xhtml◦

JSF <https://riptutorial.com/zh-TW/jsf/topic/5033/jsf>

6: JSF

- <http://www.jmdoudoux.fr/java/dej/chap-annotations.html>
- <http://docs.oracle.com/javaee/6/tutorial/doc/girch.html>

Examples

◦

Java 5◦ Java◦

Java

- Java◦
- ◦

◦

-

@Override @Deprecated @Override @Deprecated

-

@MyAnnotation ("test")

-

@MyAnnotation (arg1 = "test 3", arg2 = "test 2", arg3 = "test3")

bean

bean

bean@ManagedBean

```
@ManagedBean
public class Example {}
```

```
import javax.faces.bean.ManagedBean;
```

bean

bean◦

bean @NoneScoped, @RequestScoped, @ViewScoped, @SessionScoped, @ApplicationScoped ...

- @ApplicationScoped Web◦
- @SessionScoped WebHTTP◦
-

@ViewScoped **Web**◦

- @RequestScoped **WebHTTP**◦
- @NoneScoped ◦
- @CustomScoped ◦ java.util.Map ◦ ◦

JSF <https://riptutorial.com/zh-TW/jsf/topic/7021/jsf>

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