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ABOUT THODORIS BAIS

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TextBox Example with JSF 2.0

👤 Posted by: Thodoris Bais   📁 in jsf   🕐 January 22nd, 2014

In tis example, we are going to demonstrate a simple application, which purpose is to tranfer data inserted to a page's textbox (in our case, a sample username), to another page. While on JSF, we can use the following tag, in order to render an HTML input of a textbox:

```
<h:inputText/>
```

.

To get the meaning, imagine that the fore-mentioned xhtml's tag is equal to HTML's

```
<input type="text">
```

. So, let's get into the full example.

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```
Your email address
```
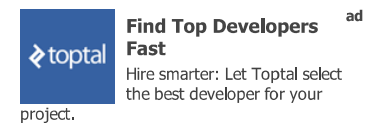
Sign up

1. Managed Bean

Here is our simple Managed Bean, which handles the username.

```
UserBean.java
```

```java
01  package com.javacodegeeks.enterprise.jsf.textbox;
02
03  import java.io.Serializable;
04  import javax.faces.bean.ManagedBean;
05  import javax.faces.bean.SessionScoped;
06
07  @ManagedBean
08  @SessionScoped
09  public class UserBean implements Serializable{
10
11      private String username;
12
13      public String getUsername() {
14          return username;
15      }
16
17      public void setUsername(String username) {
18          this.username = username;
19      }
20
21  }
```

2. Our Pages

Like we said, we need two separate pages; the first will get the user's input and the second will render it back. Let's have a look at them:

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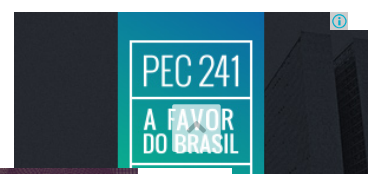
```
Your email address
```

Sign up

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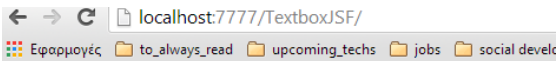
```
01  <?xml version="1.0" encoding="UTF-8"?>
02  <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
03  "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
04  <html xmlns="http://www.w3.org/1999/xhtml"
05      xmlns:h="http://java.sun.com/jsf/html">
06
07      <h:head>
08          <title>JSF TextBox Example</title>
09      </h:head>
10      <h:body>
11          <h1>JSF 2.0 TextBox Example</h1>
12
13          <h:form>
14              <h:inputText value="#{userBean.username}" />
15              <h:commandButton value="Submit" action="response" />
16          </h:form>
17      </h:body>
18  </html>
```

response.xhtml

```
01  <?xml version="1.0" encoding="UTF-8"?>
02  <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
03  "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
04  <html xmlns="http://www.w3.org/1999/xhtml"
05      xmlns:h="http://java.sun.com/jsf/html">
06
07      <h:head>
08          <title>JSF TextBox Example</title>
09      </h:head>
10      <h:body>
11          <h1>JSF 2.0 TextBox Example - Response Page</h1>
12
13          Welcome, <h:outputText value="#{userBean.username}" /> !
14      </h:body>
15  </html>
```

3. Demo

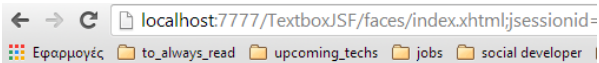Now that we got our two view pages set up, let's have a quick demo, by trying to access the following URL:

```
http://localhost:8080/TextboxJSF
```


And after clicking the button, our response page:

This was an example of TextBox in JSF 2.0. You can also download the source code of this example: TextboxJSF

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