

JSF - F:ATTRIBUTE

http://www.tutorialspoint.com/jsf/jsf_attribute_tag.htm

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The h:attribute tag provides option to pass a attribute value to a component, or a parameter to a component via action listener.

JSF Tag

```
<h:commandButton  
actionListener="#{userData.attributeListener}" action="result">  
    <f:attribute name="value" value="Show Message" />  
    <f:attribute name="username" value="JSF 2.0 User" />  
</h:commandButton>
```

Tag Attributes

S.N.	Attribute & Description
1	name The name of the attribute to set
2	value The value of the attribute

Example Application

Let us create a test JSF application to test the above tag.

Step	Description
1	Create a project with a name <i>helloworld</i> under a package <i>com.tutorialspoint.test</i> as explained in the <i>JSF - First Application</i> chapter.
2	Modify <i>home.xhtml</i> as explained below. Keep rest of the files unchanged.
3	Create <i>result.xhtml</i> in the webapps directory as explained below.
4	Create <i>UserData.java</i> as a managed bean under package <i>com.tutorialspoint.test</i> as explained below.
5	Compile and run the application to make sure business logic is working as per the requirements.
6	Finally, build the application in the form of war file and deploy it in Apache Tomcat Webserver.
7	Launch your web application using appropriate URL as explained below in the last step.

UserData.java

```
package com.tutorialspoint.test;  
  
import java.io.Serializable;  
  
import javax.faces.bean.ManagedBean;
```

```
import javax.faces.bean.SessionScoped;

@ManagedBean(name = "userData", eager = true)
@SessionScoped
public class UserData implements Serializable {

    private static final long serialVersionUID = 1L;

    public String data = "1";

    public String getData() {
        return data;
    }

    public void setData(String data) {
        this.data = data;
    }

    public void attributeListener(ActionEvent event){
        data = (String)event.getComponent().getAttributes().get("username");
    }
}
```

home.xhtml

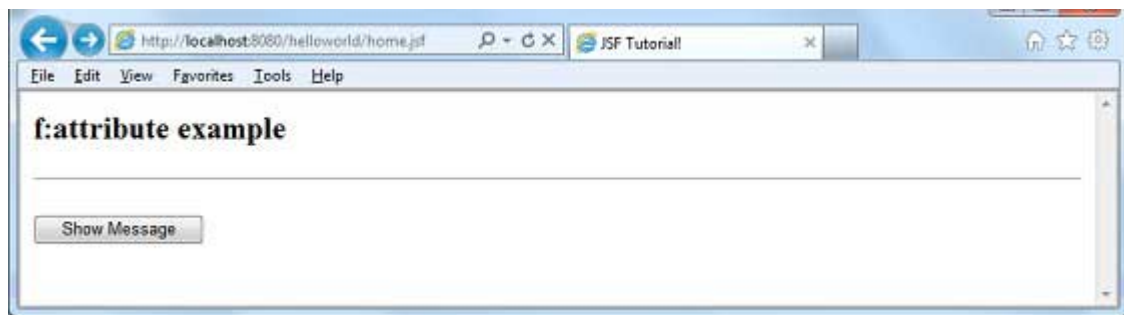
```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
    "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
    <title>JSF Tutorial!</title>
</head>
<body>
    <h2>f:attribute example</h2>
    <hr />
    <h:form>
        <h:commandButton
            actionListener="#{userData.attributeListener}" action="result">
            <f:attribute name="value" value="Show Message" />
            <f:attribute name="username" value="JSF 2.0 User" />
        </h:commandButton>
    </h:form>
</body>
</html>
```

result.xhtml

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
    "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml"
    xmlns:f="http://java.sun.com/jsf/core"
    xmlns:h="http://java.sun.com/jsf/html"
    xmlns:ui="http://java.sun.com/jsf/facelets">
<head>
    <title>JSF Tutorial!</title>
</head>
<h:body>
    <h2>Result</h2>
    <hr />
    <h:body>
        #{userData.data}
    </h:body>
</html>
```

Once you are ready with all the changes done, let us compile and run the application as we did in JSF - First Application chapter. If everything is fine with your application, this will produce following result:





Press **Show Message** button and you'll see the following result.

