

# JSF - H:COMMANDBUTTON

[http://www.tutorialspoint.com/jsf/jsf\\_commandbutton\\_tag.htm](http://www.tutorialspoint.com/jsf/jsf_commandbutton_tag.htm)

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The h:commandButton tag renders an HTML input element of the type "submit".

## JSF Tag

```
<h:commandButton value="Click Me!" onclick="alert('Hello World!');" />
```

## Rendered Output

```
<input type="submit" name="j_idt10:j_idt13" value="Click Me!"  
onclick="alert('Hello World!');" />
```

## Tag Attributes

S.N.	Attribute & Description
1	<b>id</b> Identifier for a component
2	<b>rendered</b> A boolean; false suppresses rendering
3	<b>value</b> A component's value, typically a value binding
4	<b>valueChangeListener</b> A method binding to a method that responds to value changes
5	<b>coords</b> Coordinates for an element whose shape is a rectangle, circle, or polygon
6	<b>dir</b> Direction for text. Valid values are <b>ltr</b> <i>lefttoright</i> and <b>rtl</b> <i>righttoleft</i> .
7	<b>disabled</b> Disabled state of an input element or button
8	<b>tabindex</b> Numerical value specifying a tab index
9	<b>target</b> The name of a frame in which a document is opened
10	<b>title</b>

A title, used for accessibility, that describes an element. Visual browsers typically create tooltips for the title's value

- |    |                    |   |
|----|--------------------|---|
| 11 | <b>width</b>       | Width of an element                             |
| 12 | <b>onblur</b>      | Element loses focus                             |
| 13 | <b>onchange</b>    | Element's value changes                         |
| 14 | <b>onclick</b>     | Mouse button is clicked over the element        |
| 15 | <b>ondblclick</b>  | Mouse button is double-clicked over the element |
| 16 | <b>onfocus</b>     | Element receives focus                          |
| 17 | <b>onkeydown</b>   | Key is pressed                                  |
| 18 | <b>onkeypress</b>  | Key is pressed and subsequently released        |
| 19 | <b>onkeyup</b>     | Key is released                                 |
| 20 | <b>onmousedown</b> | Mouse button is pressed over the element        |
| 21 | <b>onmousemove</b> | Mouse moves over the element                    |
| 22 | <b>onmouseout</b>  | Mouse leaves the element's area                 |
| 23 | <b>onmouseover</b> | Mouse moves onto an element                     |

- 24     **onmouseup**  
       Mouse button is released
- 25     **onreset**  
       Form is reset
- 26     **onselect**  
       Text is selected in an input field

## 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	Compile and run the application to make sure business logic is working as per the requirements.
4	Finally, build the application in the form of war file and deploy it in Apache Tomcat Webserver.
5	Launch your web application using appropriate URL as explained below in the last step.

### 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>h:commandButton example</h2>
    <hr />
    <h:form>
    <h:commandButton value="Click Me!" onclick="alert('Hello World!');" />
    </h:form>
</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:



Page1

Using JSF outcome

Page2

## Conditional Navigation

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[Page1](#) [Page2](#) [Home](#)

## "From Action" Navigation

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[Page1](#) [Page2](#)

## Forward vs Redirection Navigation

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Forward

Page1

Redirect

Page1

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