

JSF - DELETE DATA OF A DATATABLE

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

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In this article, we'll showcase adding deleting capability in datatable

Example Application

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

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 - Display DataTable</i> sub-chapter of <i>JSF - Data Tables</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

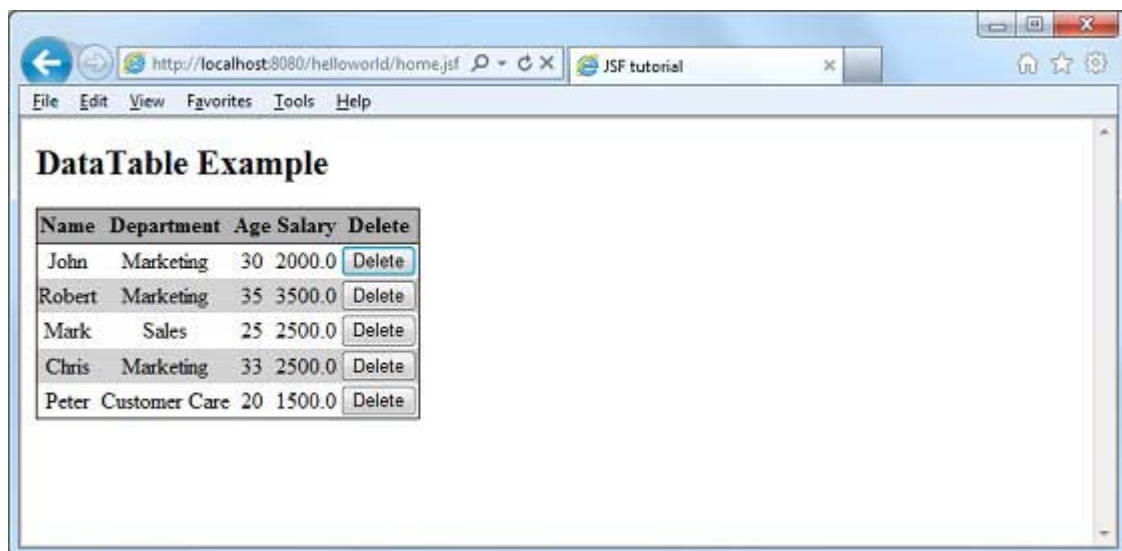
```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml"
xmlns:h="http://java.sun.com/jsf/html"
xmlns:f="http://java.sun.com/jsf/core">
  <h:head>
    <title>JSF tutorial</title>
    <h:outputStylesheet library="css" name="styles.css" />
  </h:head>
  <h:body>
    <h2>DataTable Example</h2>
    <h:form>
      <h:dataTable value="#{userData.employees}" var="employee"
        styleClass="employeeTable"
        headerClass="employeeTableHeader"
        rowClasses="employeeTableOddRow,employeeTableEvenRow">
        <h:column>
          <f:facet name="header">Name</f:facet>
          <h:inputText value="#{employee.name}"
            size="10" rendered="#{employee.canEdit}" />
          <h:outputText value="#{employee.name}"
            rendered="#{not employee.canEdit}" />
        </h:column>
        <h:column>
          <f:facet name="header">Department</f:facet>
          <h:inputText value="#{employee.department}"
            size="20" rendered="#{employee.canEdit}" />
          <h:outputText value="#{employee.department}"
            rendered="#{not employee.canEdit}" />
        </h:column>
        <h:column>
          <f:facet name="header">Age</f:facet>
          <h:inputText value="#{employee.age}" size="5"
            rendered="#{employee.canEdit}" />
          <h:outputText value="#{employee.age}"
            rendered="#{not employee.canEdit}" />
        </h:column>
      </h:dataTable>
    </h:form>
  </h:body>
</html>
```

```

</h:column>
<h:column>
  <f:facet name="header">Salary</f:facet>
  <h:inputText value="#{employee.salary}"
    size="5" rendered="#{employee.canEdit}" />
  <h:outputText value="#{employee.salary}"
    rendered="#{not employee.canEdit}" />
</h:column>
<h:column>
  <f:facet name="header">Delete</f:facet>
  <h:commandButton value="Delete"
    action="#{userData.deleteEmployee}" />
  <f:setPropertyActionListener
    target="#{userData.employee}" value="#{employee}" />
  </h:commandButton>
</h:column>
</h:dataTable>
</h:form>
</h:body>
</html>

```

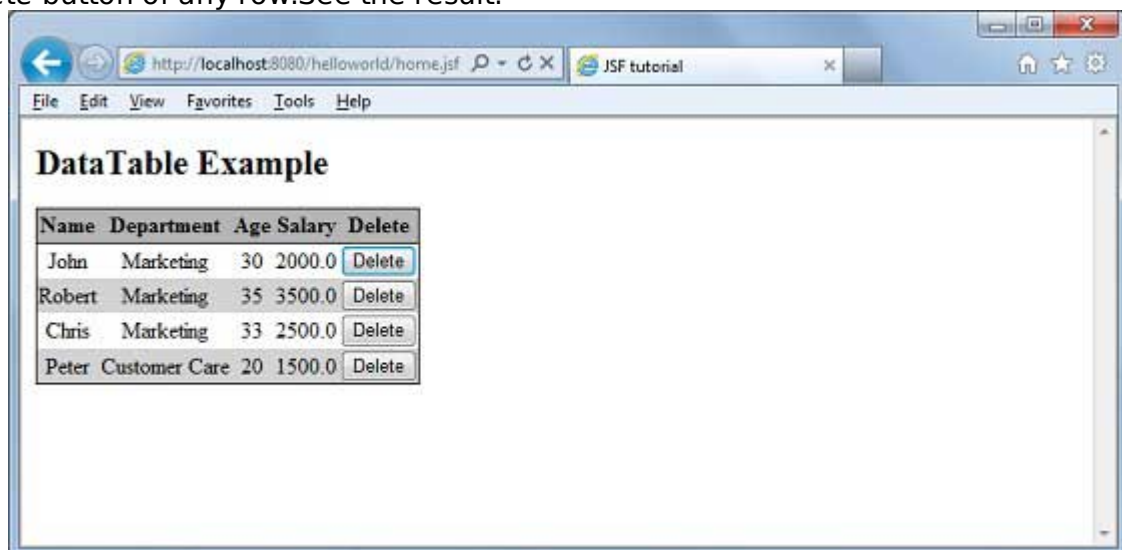
Once you are ready with all the changes done, let us compile and run the application as we did in JSF - First Application chapter. If everything is fine with your application, this will produce following result:



The screenshot shows a web browser window with the address bar displaying 'http://localhost:8080/helloworld/home.jsf'. The browser has a menu bar with 'File', 'Edit', 'View', 'Favorites', 'Tools', and 'Help'. The main content area is titled 'DataTable Example' and contains a table with the following data:

Name	Department	Age	Salary	Delete
John	Marketing	30	2000.0	Delete
Robert	Marketing	35	3500.0	Delete
Mark	Sales	25	2500.0	Delete
Chris	Marketing	33	2500.0	Delete
Peter	Customer Care	20	1500.0	Delete

Click *delete* button of any row. See the result.



The screenshot shows the same web browser window as before, but the table now has only four rows, indicating that one row has been successfully deleted. The data in the table is as follows:

Name	Department	Age	Salary	Delete
John	Marketing	30	2000.0	Delete
Robert	Marketing	35	3500.0	Delete
Chris	Marketing	33	2500.0	Delete
Peter	Customer Care	20	1500.0	Delete