JSF Data Table
Cascading Style Sheets (CSS)

Topics

- Create Cascading Style Sheet (CSS)

- Apply CSS to JSF Data Table

Our PLAIN Data Table

Student Table Demo

First Name	Last Name	Email
Mary	Public	mary@luv2code.com
John	Doe	john@luv2code.com
Ajay	Rao	ajay@luv2code.com

JSF Data Table with CSS

Student Table Demo

First Name	Last Name	Email
Mary	Public	mary@luv2code.com
John	Doe	john@luv2code.com
Ajay	Rao	ajay@luv2code.com

To Do List

1. Create Cascading Style Sheet (CSS)

2. Apply CSS to JSF Data Table

Step 1: Create Cascading Style Sheet (CSS)
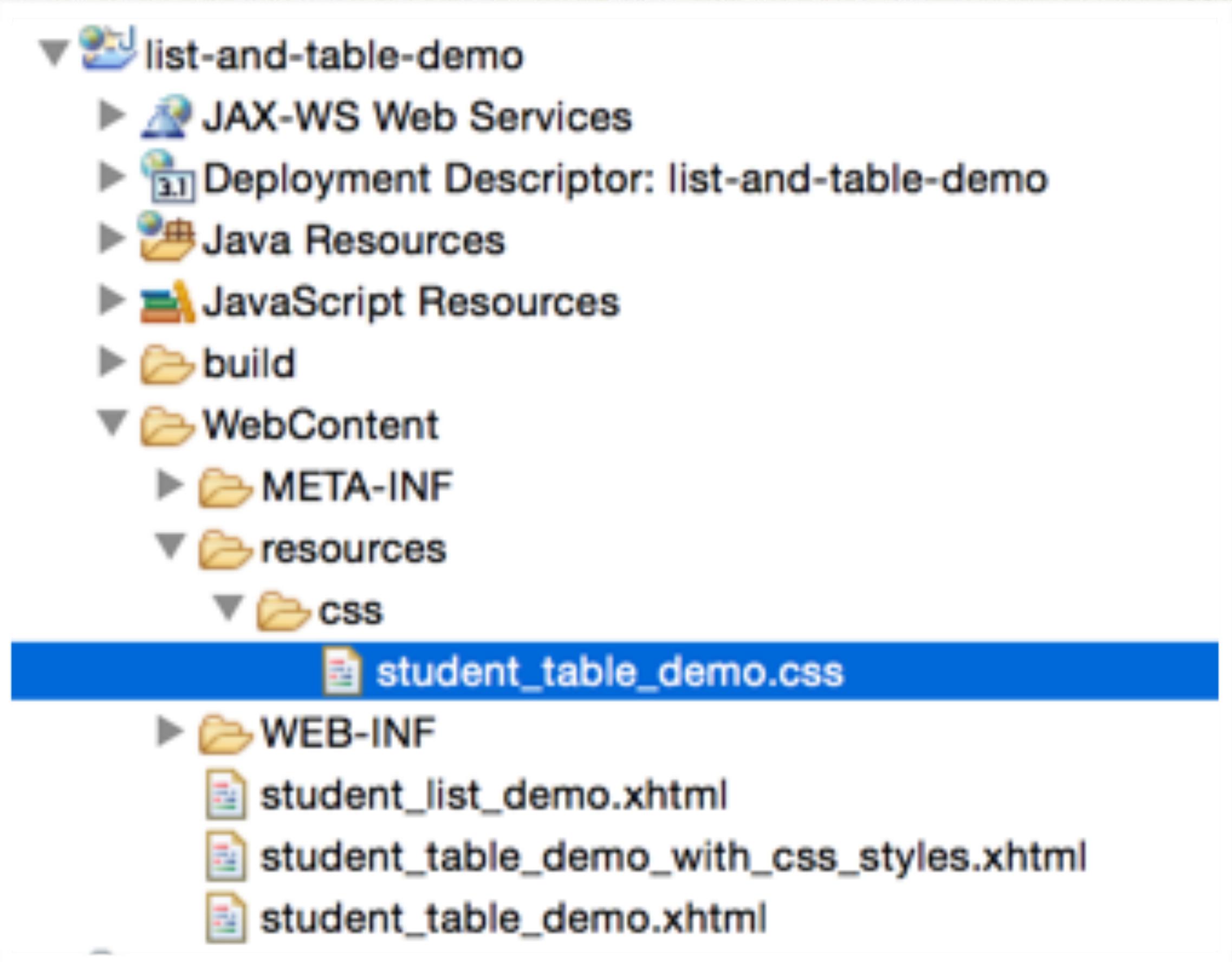
✤ First, let's define our CSS styles in a separate file

File: student_table_demo.css

```css
.demo-table {
    border-collapse:collapse;
    border-bottom:1px solid gray;
    font-family: Tahoma,Verdana,Segoe,sans-serif;
}

.demo-table-header {
    border-bottom:1px solid gray;
    background:none repeat scroll 0 0 #66CCFF;
    padding:10px;
}

.demo-table-odd-row {
    border-top:1px solid gray;
    background:none repeat scroll 0 0 #FFFFFF;
    text-align:center;
}

.demo-table-even-row {
    border-top:1px solid gray;
    background:none repeat scroll 0 0 #F9F9F9;
    text-align:center;
}
```

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JSF Data Table - Location of CSS File
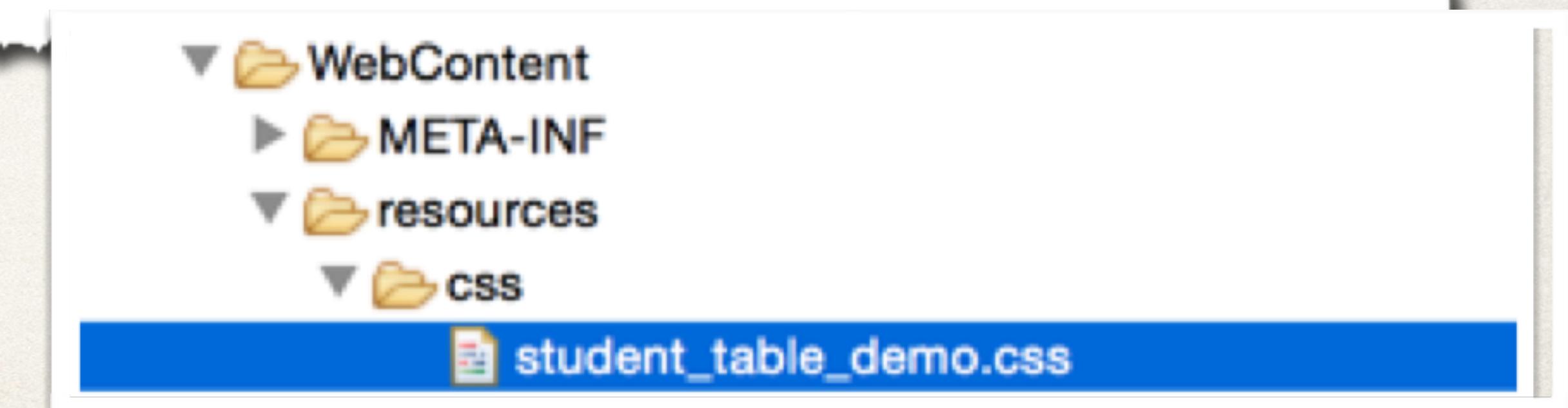
✤ Must place the CSS in a special directory

✤ Directory: **WebContent/resources/css**

JSF Page - Load the CSS file

File: student_table_demo_with_css_styles.xhtml

```
1  <!DOCTYPE html>
2  <html lang="en" xmlns="http://www.w3.org/1999/xhtml"
3      xmlns:h="http://xmlns.jcp.org/jsf/html"
4      xmlns:f="http://xmlns.jcp.org/jsf/core">
5
6  <h:head>
7      <title>Student Table Demo</title>
8
9      <h:outputStylesheet library="css" name="student_table_demo.css"  />
10 </h:head>
11
```

- ▼ 📂 WebContent
  - ▶ 📂 META-INF
  - ▼ 📂 resources
    - ▼ 📂 css
      - 📄 student_table_demo.css

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Step 2: Apply CSS to Data Table

File: student_table_demo_with_css_styles.xhtml

```
18
19    <h:dataTable value="#{studentDataUtil.students}" var="tempStudent"
20        styleClass="demo-table"
21            headerClass="demo-table-header"
22            rowClasses="demo-table-odd-row,demo-table-even-row"
23        >
24
25        <h:column>
26            <!-- the column header -->
27            <f:facet name="header">First Name</f:facet>
28
29            <!--  the value for each row -->
30            #{tempStudent.firstName}
31        </h:column>
```

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JSF Data Table Demo

Summary

- Create Cascading Style Sheet (CSS)

- Apply CSS to JSF Data Table