

Lab 5 - Includes

We're going to add the ability to show our current stock price in the header of every page

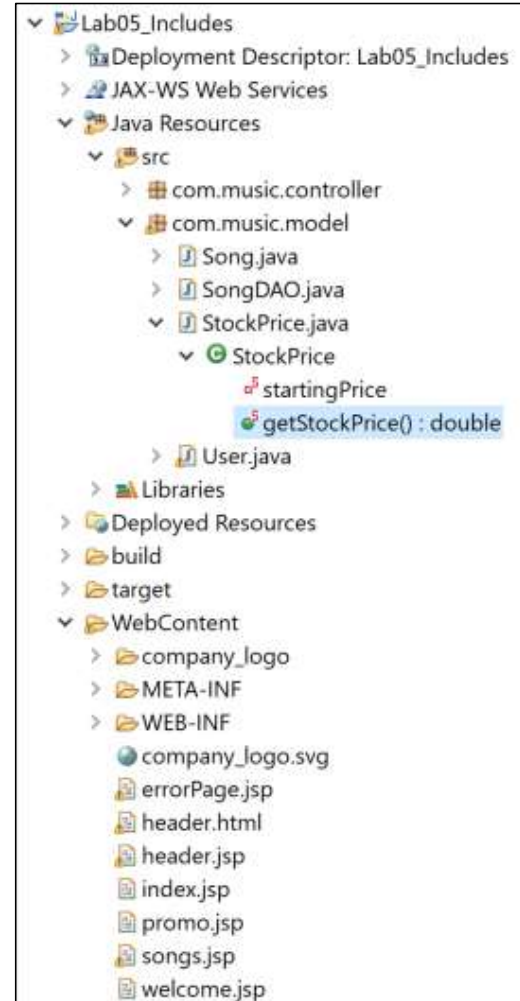
Copy Lab05_Includes_Starter into a new project named Lab05_Includes

It includes a new file, StockPrice

- See the com.music.model package
- Note the getStockPrice method that returns a double

We'll edit 4 files to demonstrate jsp:include

- header.html will be converted to header.jsp
- index.jsp, welcome.jsp, and songs.jsp, will be edited to use the new header page



Lab 5 - Includes

Create a new header.jsp page

Copy the company logo image from header.html

Add a scriptlet that calls `getStockPrice` and formats it to 2 decimal places

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1" import="com.music.model.StockPrice" %>
<!DOCTYPE html>
<html>
<head><meta charset="ISO-8859-1"></head>
<br/>
Current Stock Price: <%= String.format("%.2f", StockPrice.getStockPrice()) %><br/>
<body>
</body>
</html>
```

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For index.jsp, welcome.jsp, and songs.jsp do the following:

Remove the include directive `<%@ include file="header.html" %>`

Use a `jsp:include` to include the new header.jsp

```
<body>  
  <jsp:include page="header.jsp" />
```

Lab 5 - Includes

Check your pages to ensure they're functioning properly

Every page changes at request time and should show a different stock price

localhost:8081/Lab05_Includes/index.jsp

coursera

Current Stock Price: 25.71

Welcome to Simple Song Service

Your browser information: Mozilla/5.0 (Windows NT 10.0; V

Please enter your user name

User Name:

localhost:8081/Lab05_Includes/welcome.jsp

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Current Stock Price: 25.67

Welcome to Simple Song Service

Welcome The Dude
I see your IP Address is: 127.0.0.1

Use this code to get an additional 10% discount:

VIPCUST10

[Show All Songs](#)

localhost:8081/Lab05_Includes/SongServlet

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Current Stock Price: 25.43

Songs Available for Download as of Tue Dec 07 11:38:31 EST 2021

| | | |
|-----|------------------|------------------|
| 101 | Baby Love | The Supremes |
| 102 | Pancho and Lefty | Townes Van Zandt |
| 103 | Truth Hurts | Lizzo |
| 104 | Take It Easy | The Eagles |
| 105 | Your're So Vain | Carly Simon |

