

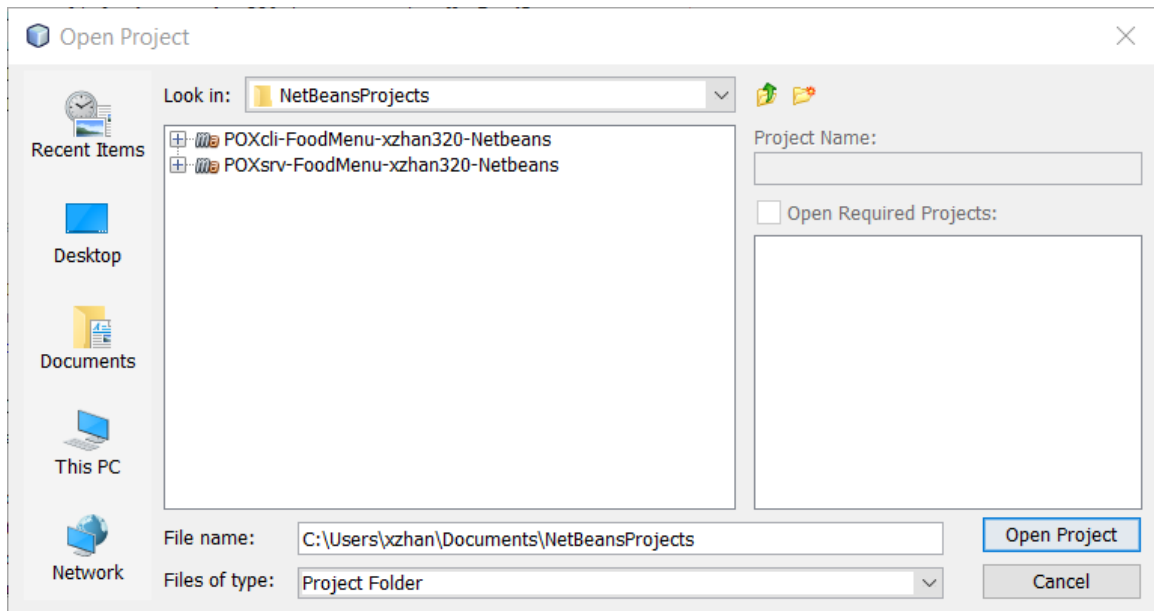
## CSE 564 Project 1 POX over HTTP Assignment

Xiaoyu Zhang

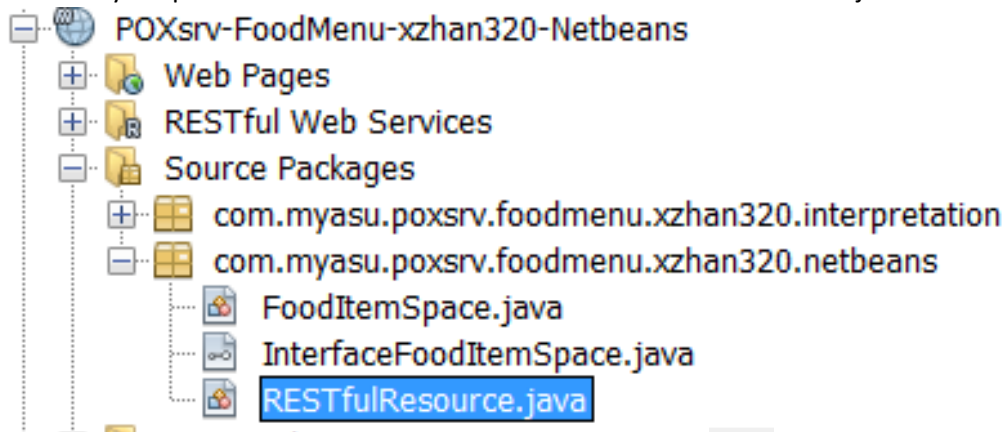
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### ReadMe

1. Download and unzip the package POX-FoodMenu-xzhan320-Netbeans
2. Run NetBeans IDE and click File -> Open Project. On folder selection page, open both POXsrv-FoodMenu-xzhan320-Netbeans and POXcli-FoodMenu-xzhan320-Netbeans.

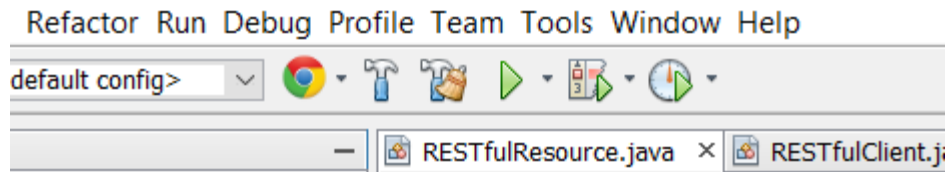


3. Direct to the server folder (POXsrv-FoodMenu-xzhan320-Netbeans) and open **RESTfulResource.java** file under POXsrv-FoodMenu-xzhan320-Netbeans – Source Packages – com.myasu.poxsrv.foodmenu.xzhan320.netbeans – RESTfulResource.java

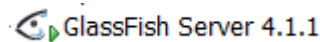


4. Run the server program by clicking the green arrow button  on the top right of the control panel.

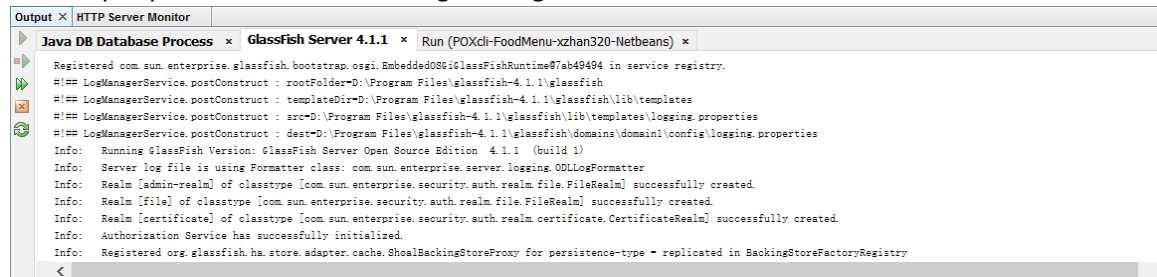
## -Netbeans - NetBeans IDE 8.1



5. When prompt, choose **GlassFish Server 4.1.1** for deployment.

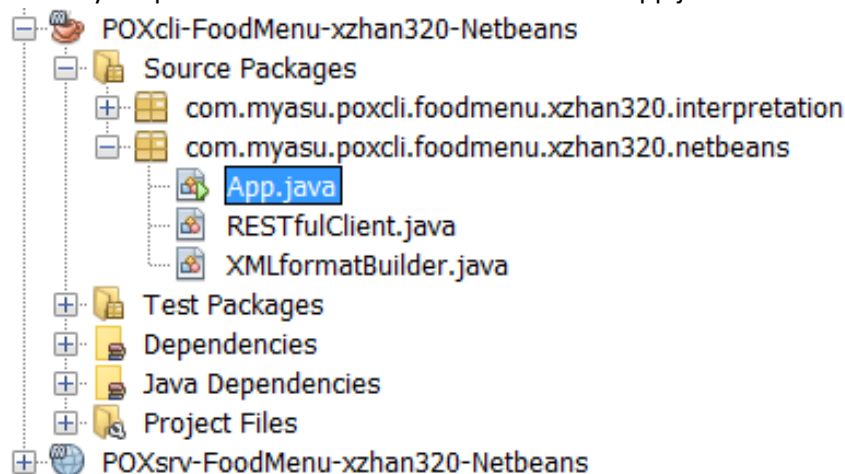



6. The output panel will show following message.



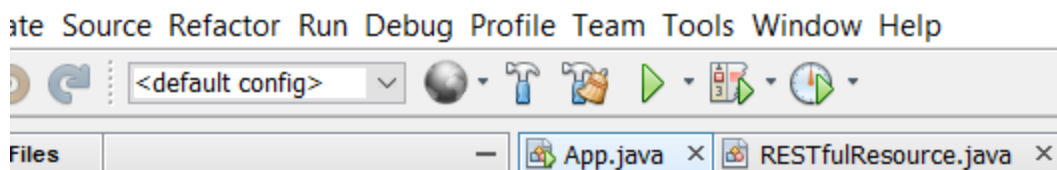
And a sample web page will pop up.

7. Now direct to the client folder (POXcli-FoodMenu-xzhan320-Netbeans) and open **App.java** file under POXcli-FoodMenu-xzhan320-Netbeans – Source Packages – com.myasu.poxcli.foodmenu.xzhan320.netbeans – App.java



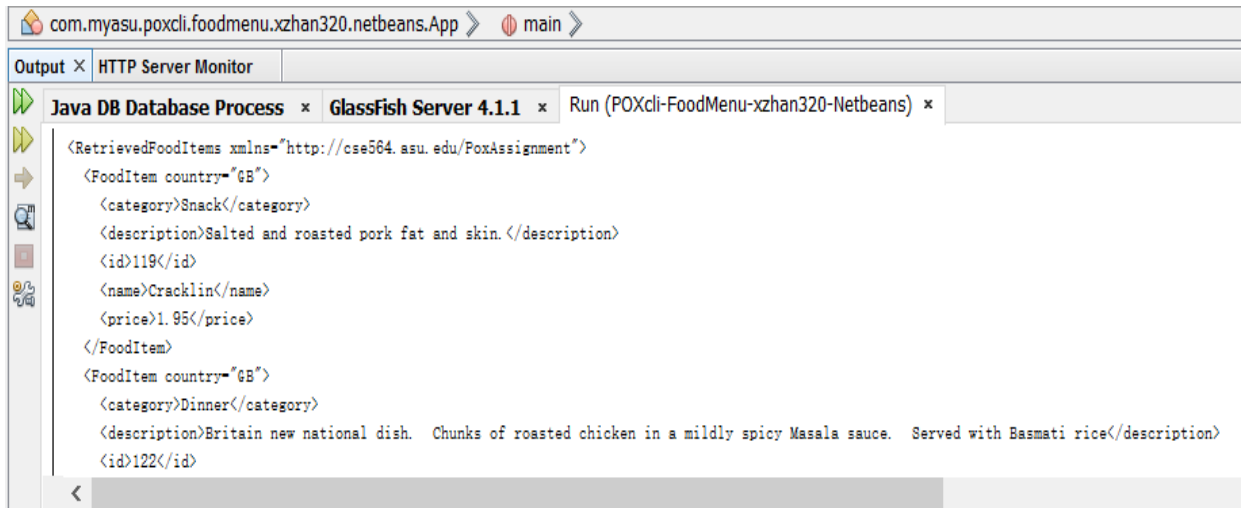
8. Once again, run the client program by clicking the green arrow button  on the top right of the control panel.

## -xzhan320-Netbeans - NetBeans IDE 8.1



Choose com.myasu.poxcli.foodmenu.xzhan320.netbeans.App as Main()

9. In the output panel, you will see “Build Success” followed by Response message from the interaction with server:



The screenshot shows the NetBeans IDE interface. At the top, the project path is `com.myasu.poxcli.foodmenu.xzhan320.netbeans.App` and the main class is `main`. The 'Output' tab is active, showing the 'HTTP Server Monitor' output. The output displays an XML response from a server, which is a SOAP response. The XML structure is as follows:

```
<RetrievedFoodItems xmlns="http://cse564.asu.edu/PoxAssignment">
  <FoodItem country="GB">
    <category>Snack</category>
    <description>Salted and roasted pork fat and skin.</description>
    <id>119</id>
    <name>Cracklin</name>
    <price>1.95</price>
  </FoodItem>
  <FoodItem country="GB">
    <category>Dinner</category>
    <description>Britain new national dish. Chunks of roasted chicken in a mildly spicy Masala sauce. Served with Basmati rice</description>
    <id>122</id>
  </FoodItem>
</RetrievedFoodItems>
```

10. All test cases are enclosed in App.java file. Please reference them for further details.