

Creating A WS Client Application using Java

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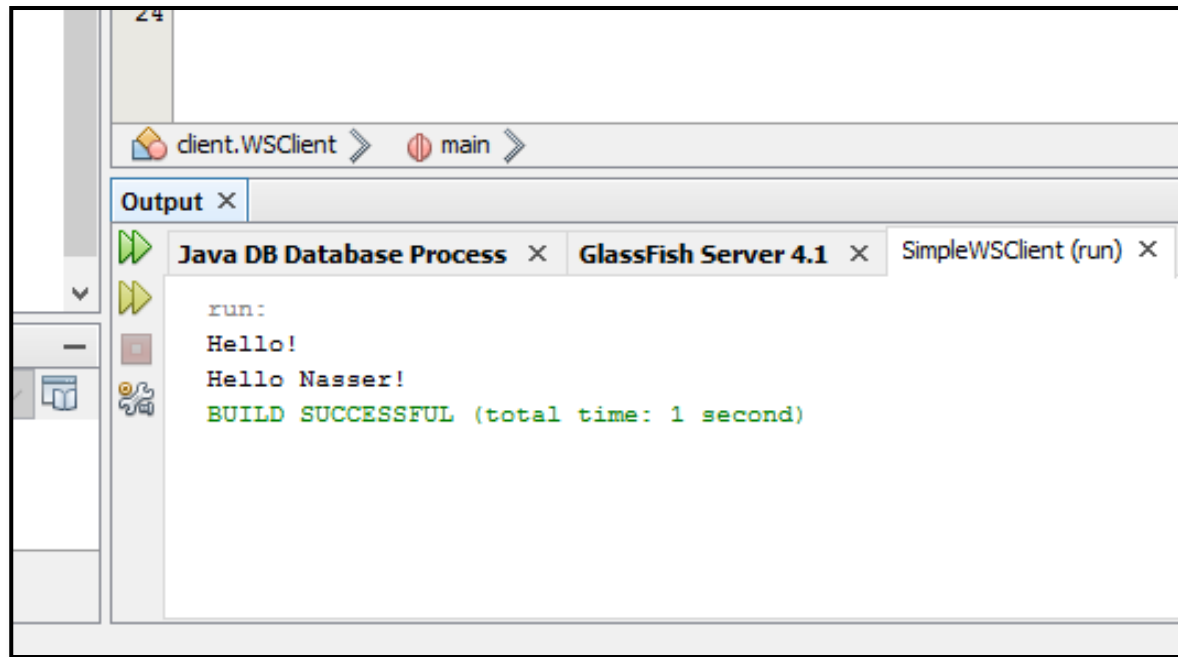
Creating A Simple WS Client App

1. Create a new “Java” Project
2. Use the java tool “wsimport.exe” to import WS WSDL document
 - a. Create a “bin” folder in your project main folder
 - b. Copy the WSDL’s url from “GlassFish Admin Console”
 - c. Create a batch script file (ex: “use_wsimport.bat”)
 - d. Type the following and paste WSDL url from clipboard:
 - “<wsimport path in JDK installation>\wsimport.exe” –keep –s src –d bin “<WSDL url>”
 - e. Save and run the batch file, you’ll see a new package “ws”
3. Create a new package “client”
4. Create a Java class as a client
 - o Create a main program inside, declare a WS object and use it

Calling the WS

```
public static void main(String[] args){  
    HelloWorld ws = new HelloWorldService().getHelloWorldPort();  
    System.out.println(ws.sayHello());  
    System.out.println(ws.sayHelloTo("Nasser"));  
}
```

The output



The screenshot shows an IDE's output window with the following content:

```
client.WSClient > main >  
Output ×  
Java DB Database Process × GlassFish Server 4.1 × SimpleWSClient (run) ×  
run:  
Hello!  
Hello Nasser!  
BUILD SUCCESSFUL (total time: 1 second)
```