

# Jakarta RESTful Web Services 3.1 Workshop

## What can go wrong?

### 1. Only desktop or GlassFish, not both

The most common problem participants may have relates to a desktop service or GlassFish running while trying to run another service. If a desktop service is running, then GlassFish or another desktop service cannot start and vice versa. This is a result of contention for port 8080. Multiple services can run on GlassFish. Only one desktop service can run. Remind participants:

- To stop GlassFish if they are working on a desktop service.
- To stop a desktop service if they wish to run another desktop service or plan to run GlassFish.

To kill the desktop process on Windows if it appears to continue to be running:

```
taskkill /F /IM java.exe /T
```

### 2. Quotation Marks

When you copy source code from a Word Processing document such as MS Word, the double and single quotation marks may be incorrect.

“ ”

These are word processor quotation marks that are not recognized by Java.

" "

These are the ANSI quotation mark recognized by Java

‘ ’

These are word processor single quotation marks that are not recognized by Java.

‚ ‛

These are the ANSI single quotation mark recognized by Java

### 3. Spaces

When copying text there may be excess spaces. For example, in the text it reads:

```
WebTarget target = client.target(UriBuilder.fromUri(  
    "http://localhost:8080/Mod_07_MultiPart_Server_participant/  
    services/multiparts"));
```

This is 3 lines, not one. In your code it must be written as a single line. The word processor breaks up the text but it will copy as a single line.

```
WebTarget target =  
client.target(UriBuilder.fromUri("http://localhost:8080/Mod_07_MultiPart_Serv  
er_participant/services/multiparts"));
```

The single line:

```
WebTarget target = client.target(UriBuilder.fromUri("http://localhost:8080/Mod_07_MultiPart_Server_participant/services/multiparts"));
```