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

1. **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

1. **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\_Server\_participant/services/multiparts"));

The single line:

WebTarget target = client.target(UriBuilder.fromUri("http://localhost:8080/Mod\_07\_MultiPart\_Server\_participant/services/multiparts"));