



Jakarta REST 3.1 Services – Easier than you might think

Ken Fogel

Who am I?

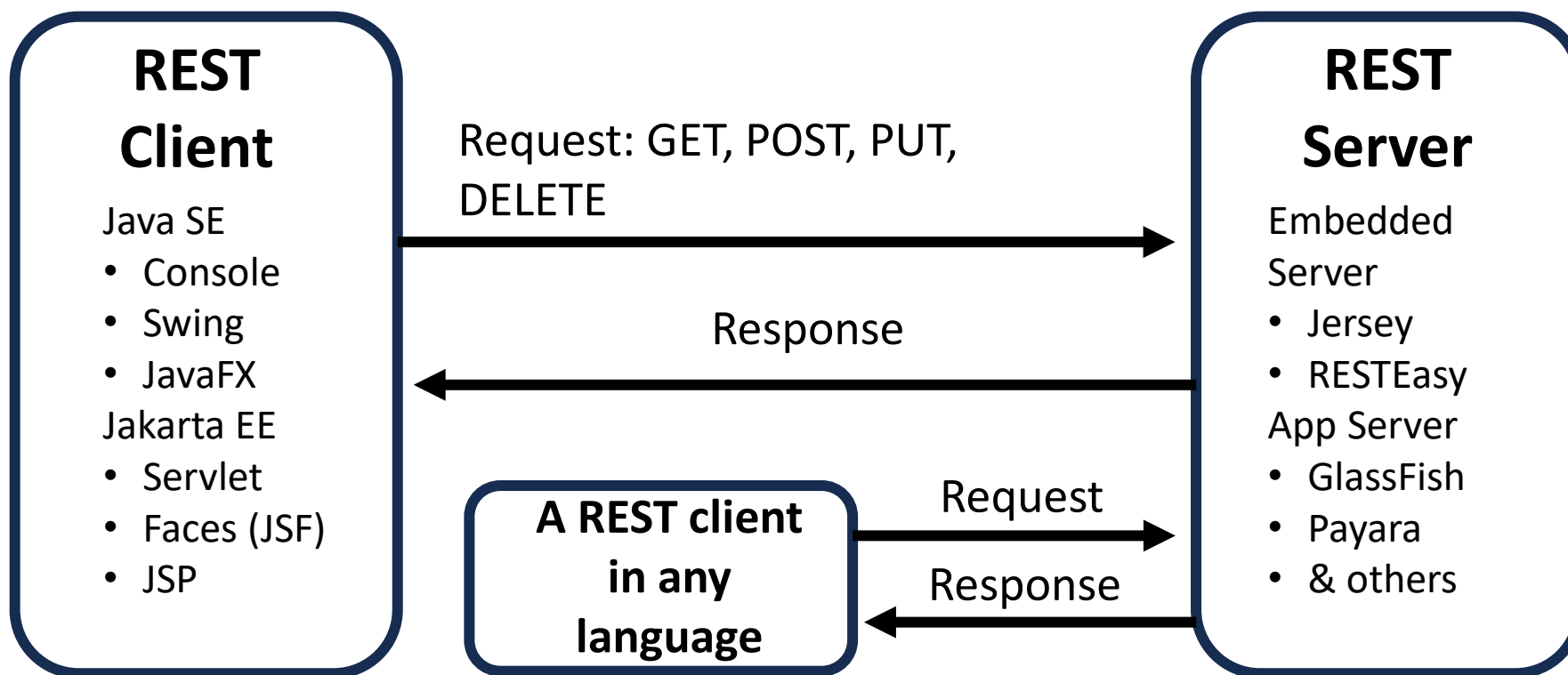
- Retired CS instructor at Dawson College
- Research Scholar in Residence at Dawson College
- Java Champion
- JChampions Conference organizer
- Member of the JCP EC
- Author of Transitioning to Java
- Workshop developer for the Eclipse Foundation
- @omniprof



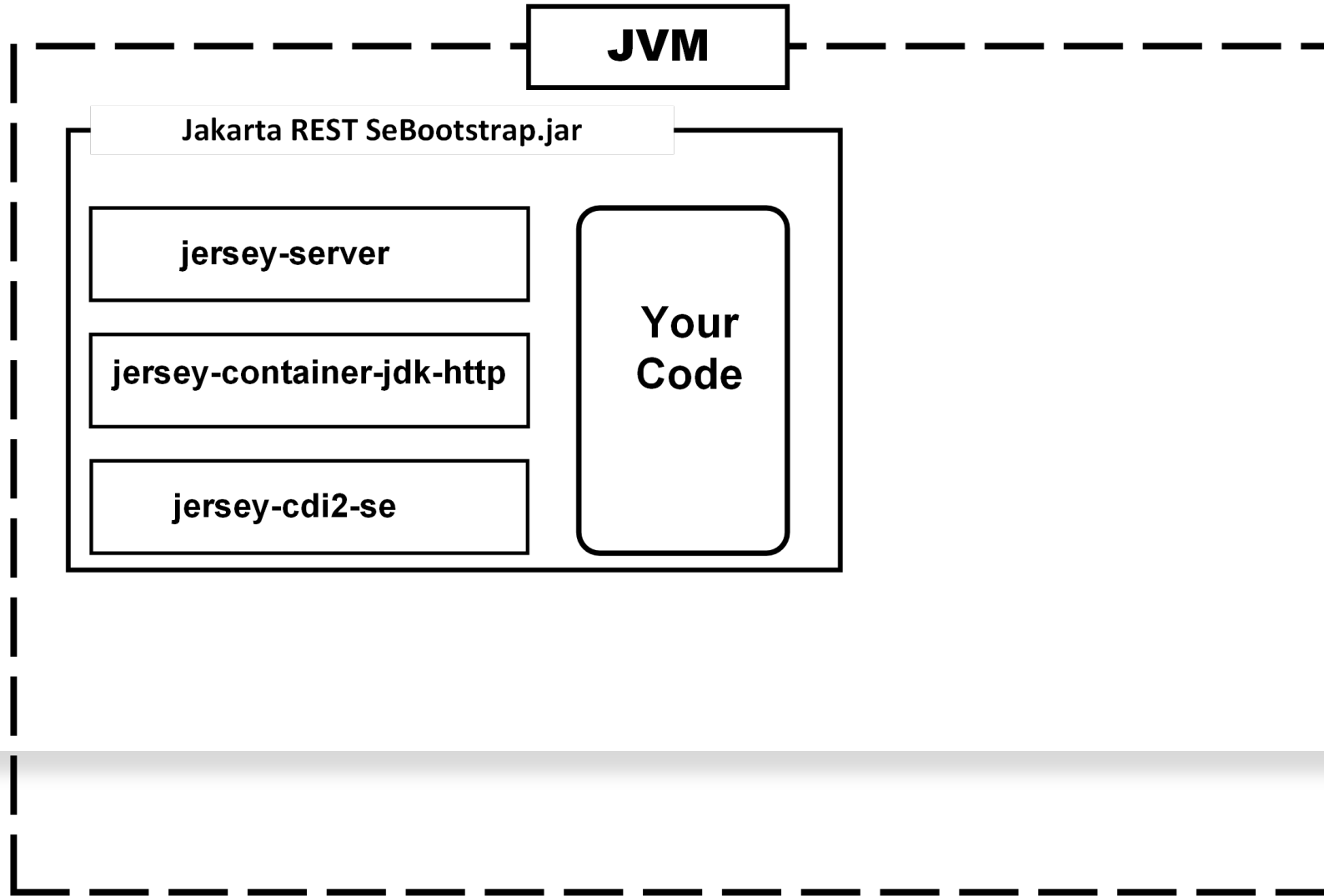
The Tool Box

- Java SE 17
 - Jakarta versions are tied to a Java LTS version.
 - Jakarta 10 supports Java 17
- Build tool
 - Maven
 - Use the most recent version
- IDE
 - Not required but convenient
 - I will use NetBeans
- Application Server
 - Any Jakarta 10 compliant server can work
 - I will use GlassFish 7
- Basic Service Testing Tool
 - cURL for CLI testing of services
- Browser
 - Any browser on any platform will do

Jakarta EE 10 – Jakarta REST 3.1

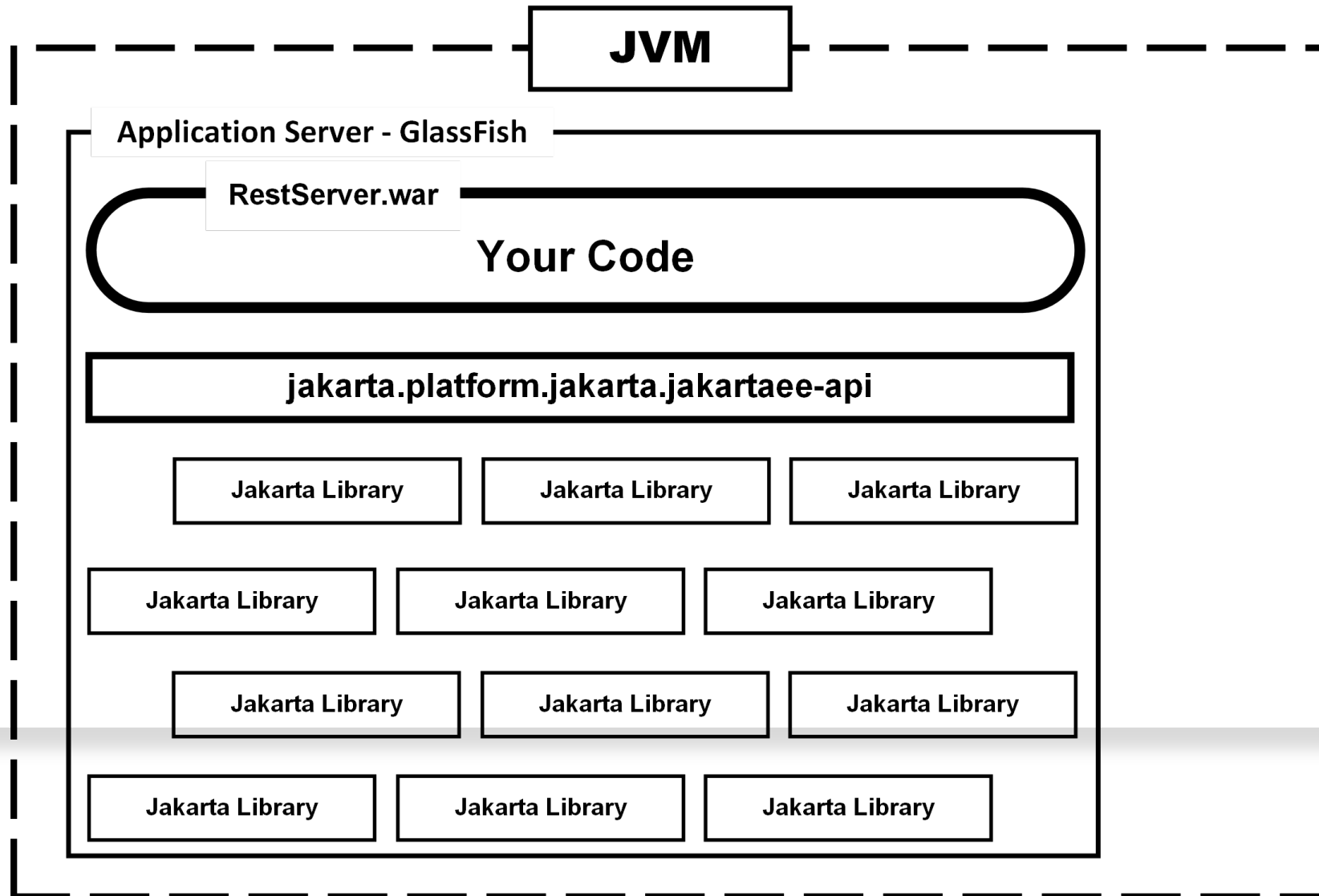


SeBootstrap web service implementation.



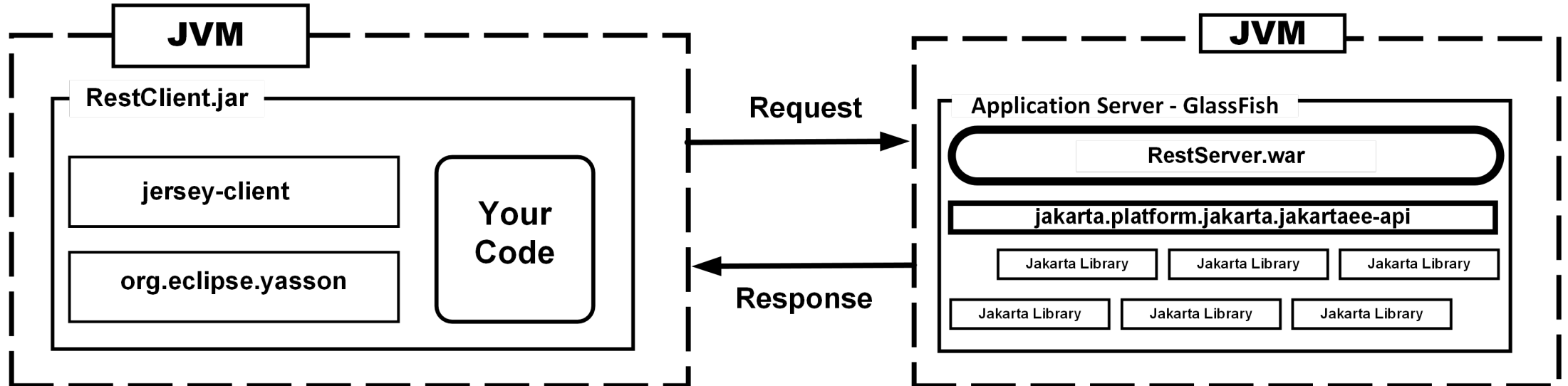
Source Code: 01_restsebootstrap

Server based web service implementation

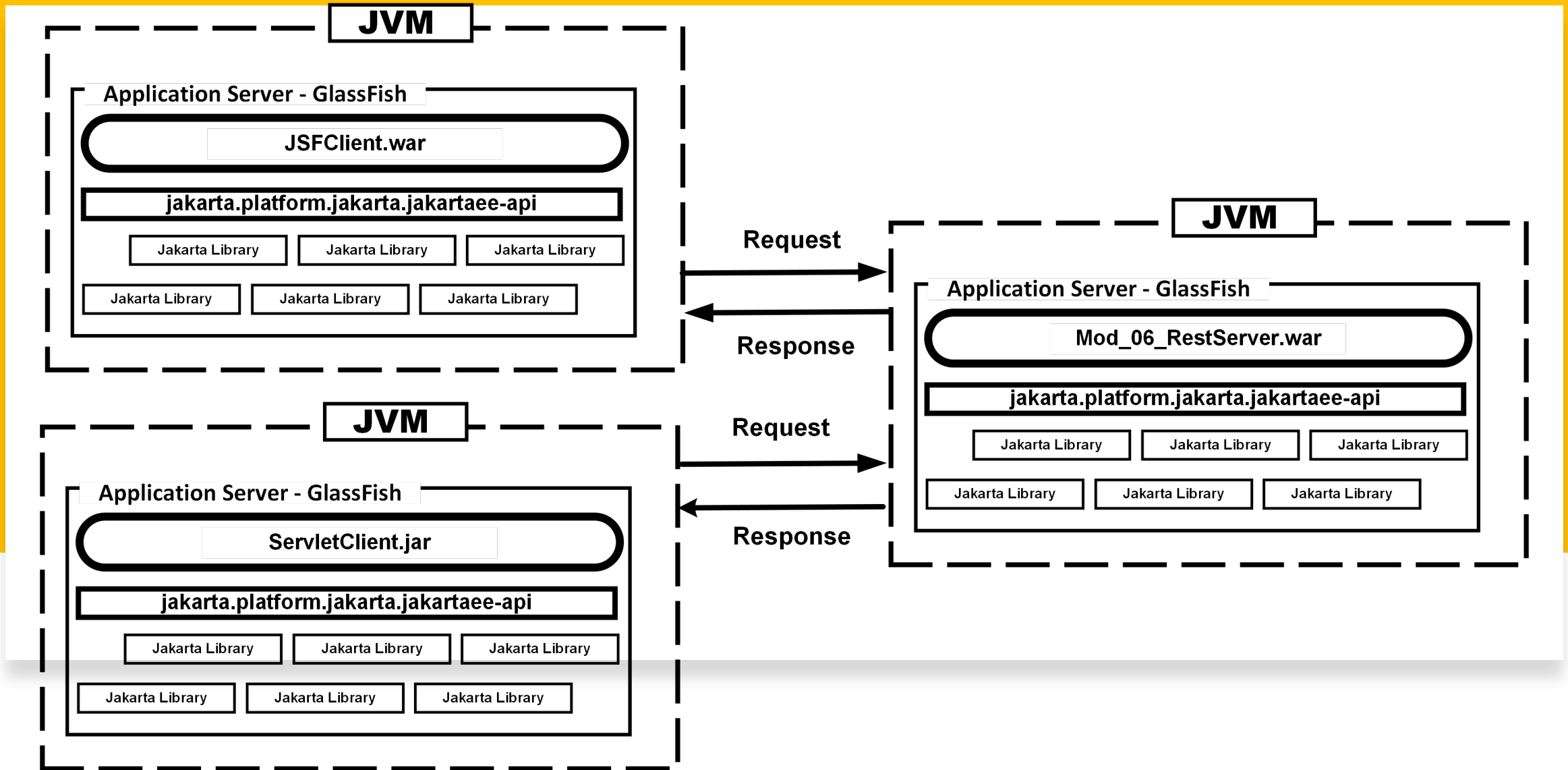


Source Code: 02_restserver

Java SE web services client

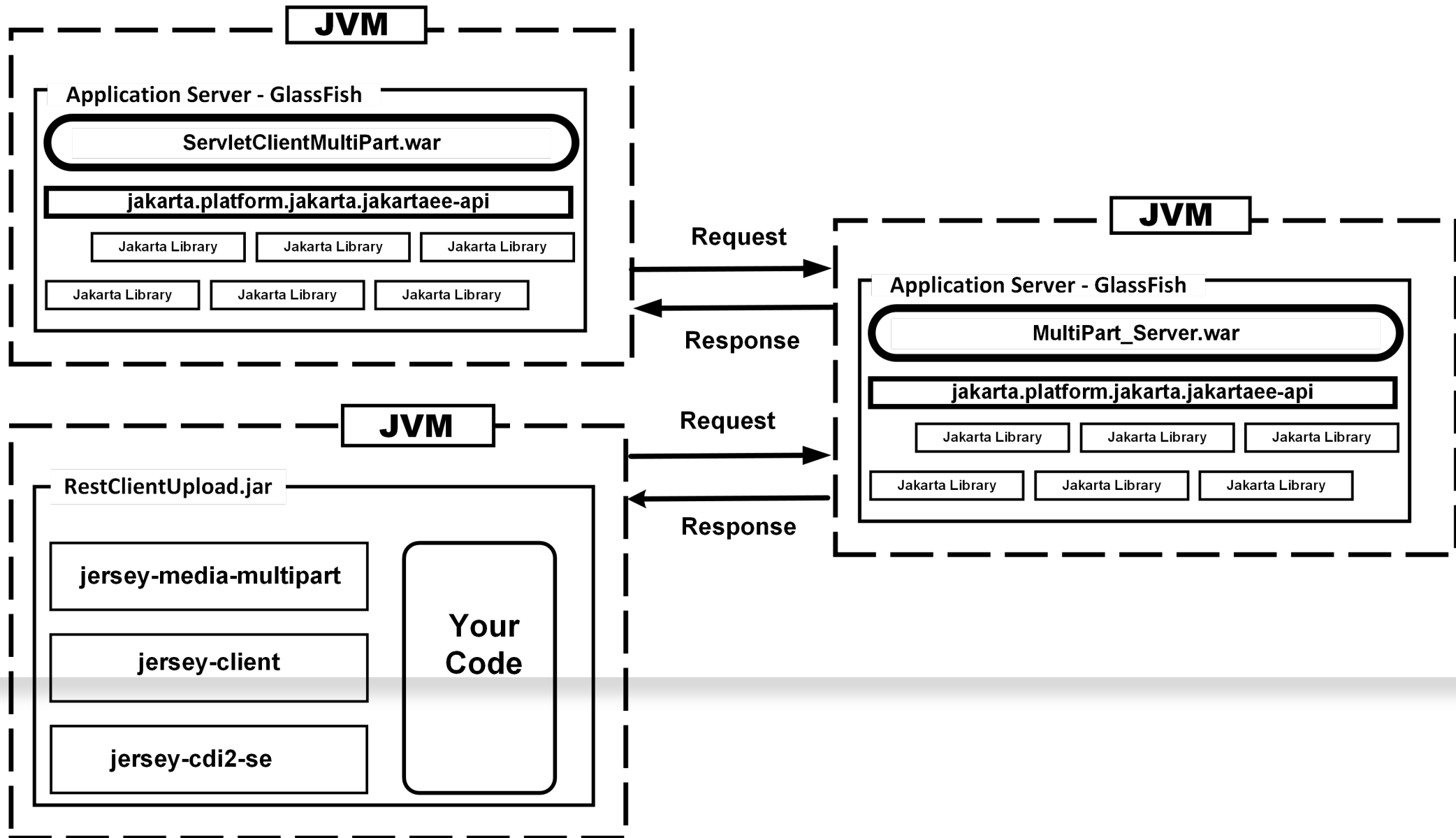


Servlet and Jakarta Faces RESTful Clients



Source Code: 04_restserver, 04_jsfclient, 04_servletclient

File transfer with Multipart



Source Code: 05_multipart_server, 05_restclientupload, 05_servletclientmultipart

- You can find the source code at:
 - <https://github.com/omniprof/JakartaRESTSession.git>
- I can be found on most social media platforms as ***omniprof*** or ***KenFogel*** however X/Twitter is where I post the most.
- You can also reach me by email at omniprof@gmail.com

• **Happy coding!**

A large yellow right-angled triangle is positioned in the bottom right corner of the slide, pointing towards the top right.