



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



Before we begin the presentation, I'd like to talk about how to learn on the job.

The best way to learn is
to teach.

The best way to teach is to:



Prepare and give
a presentation
to your team



Prepare and give
a presentation at
a local user's
group



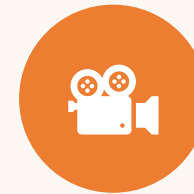
Submit
presentations to
conferences



Write a blog



Write a book

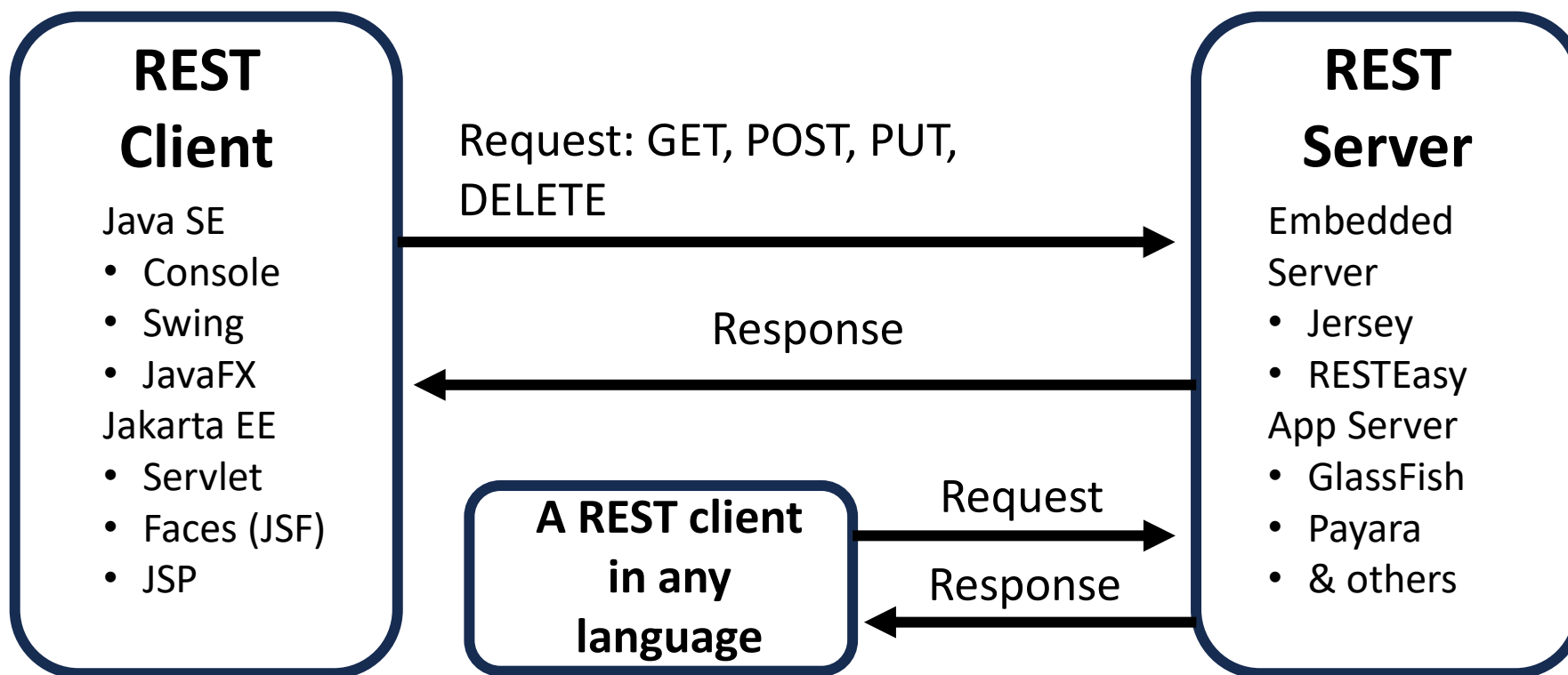


Create a video

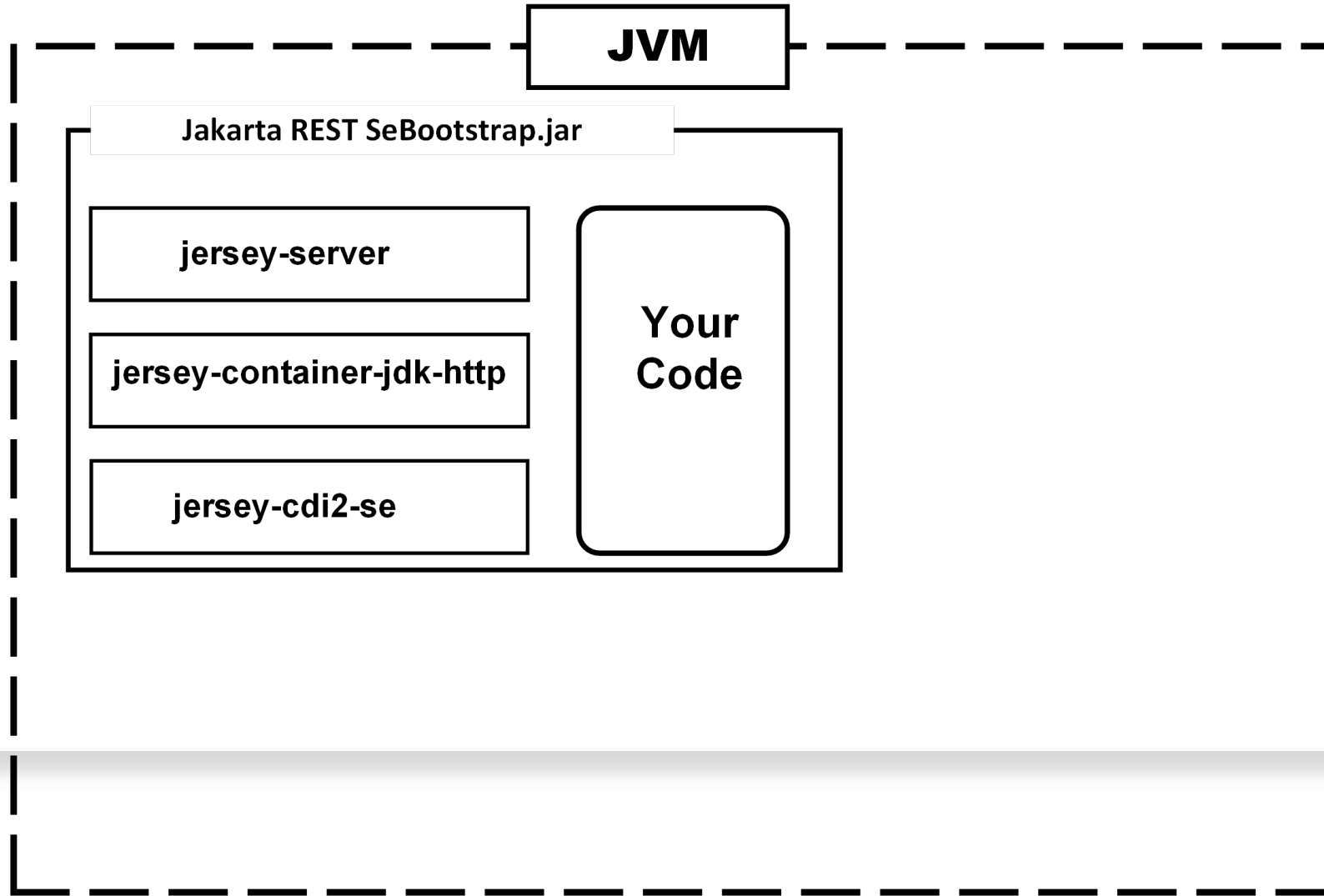
The Tool Box

- 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

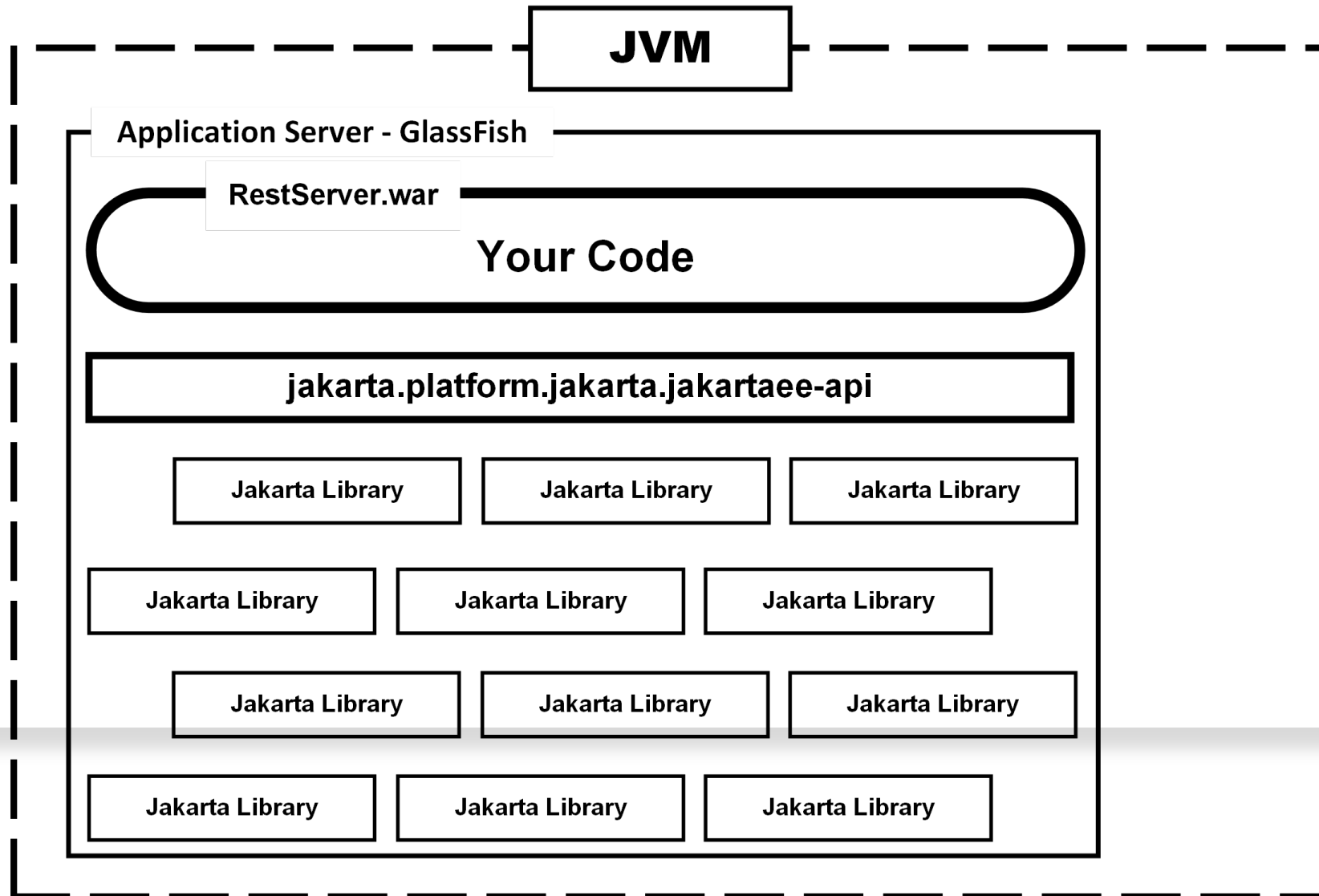


SeBootstrap web service implementation.



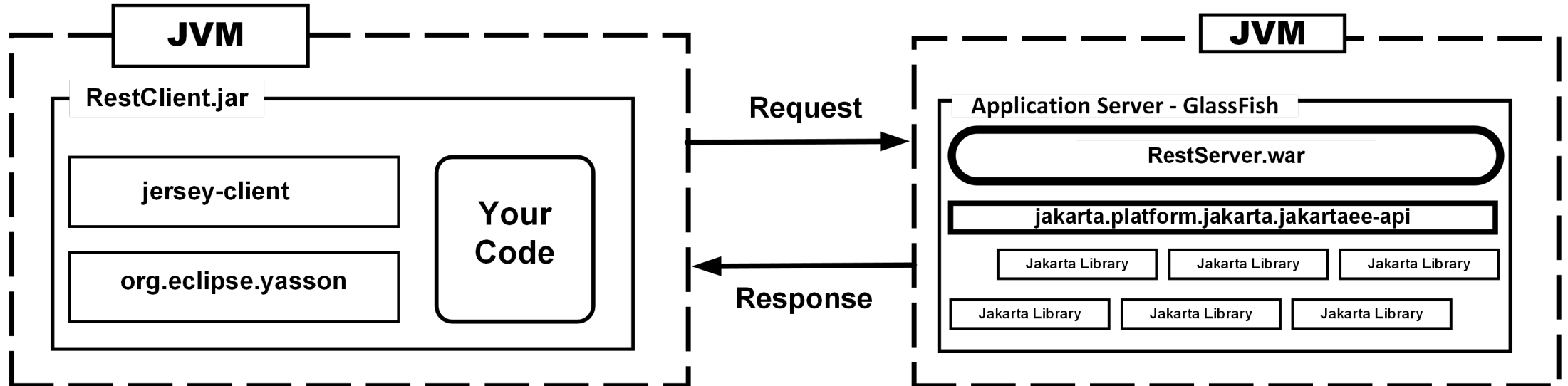
Source Code: 01_restsebootstrap

Server based web service implementation

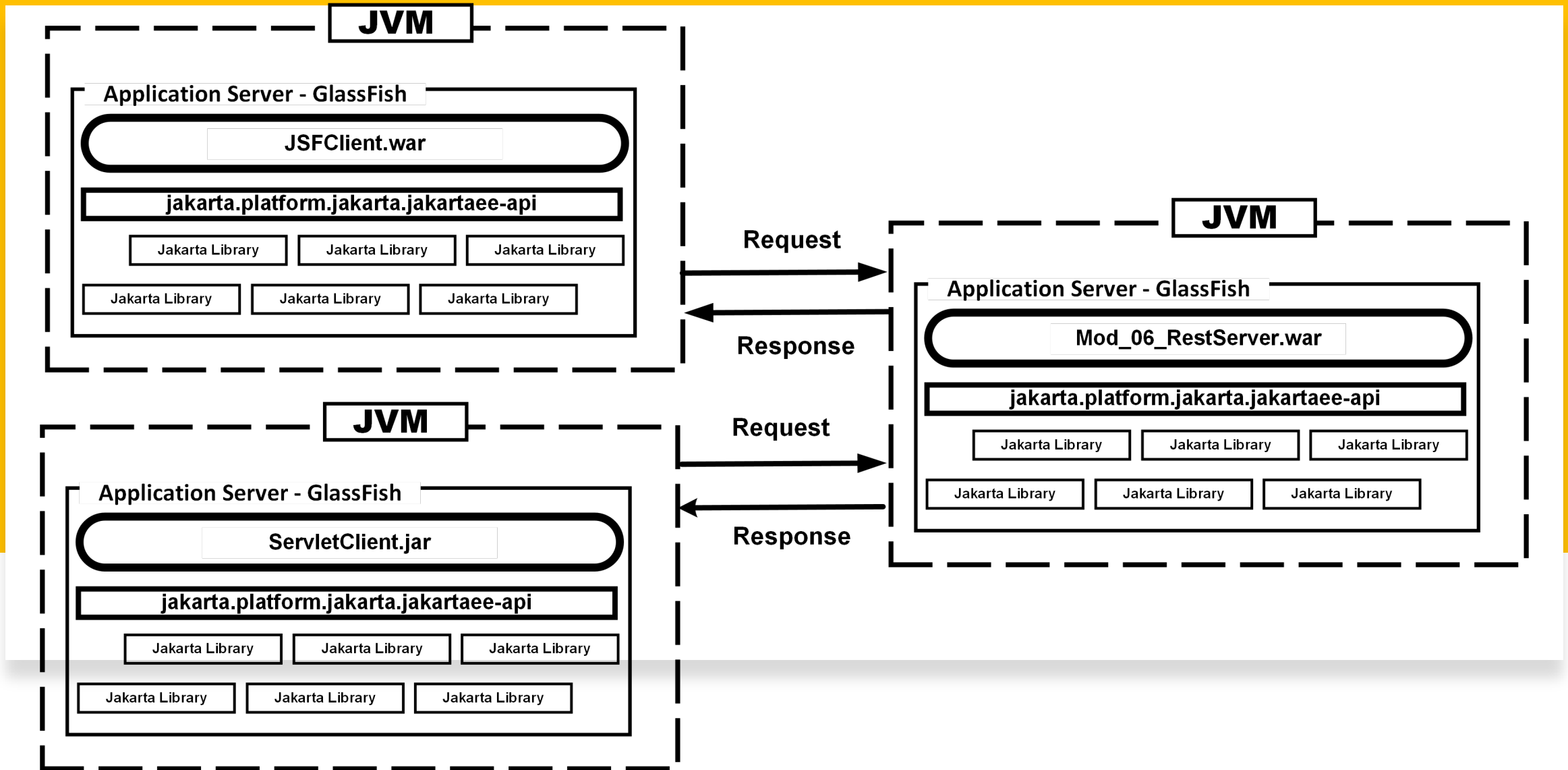


Source Code: 02_restserver

Java SE web services client

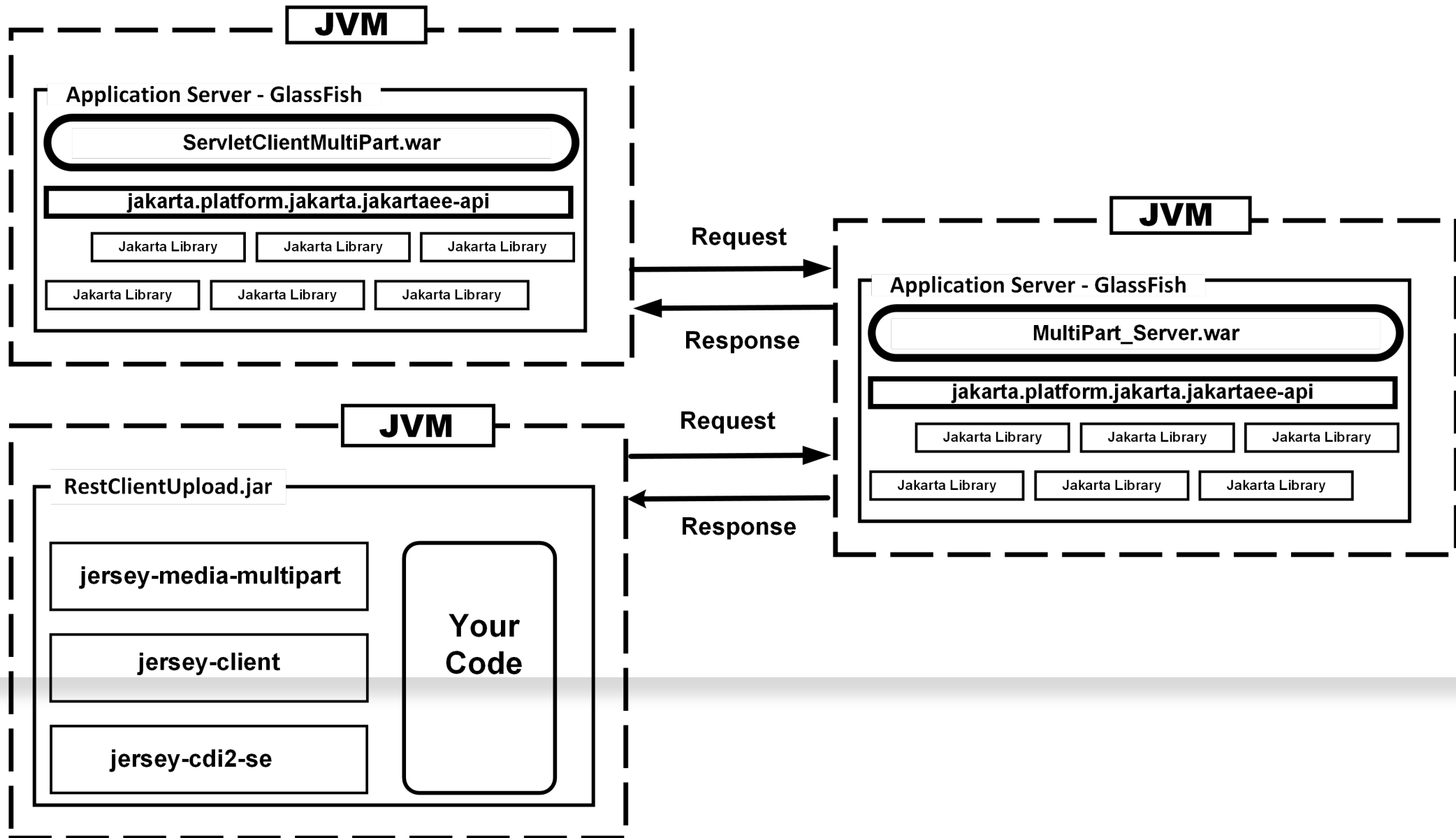


Servlet and Jakarta Faces RESTful Clients



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/JakartaRESTPresentation.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!**

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