Getting started with OSGi
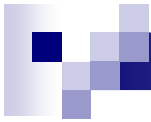
Rahul Agarwal

- What is OSGi
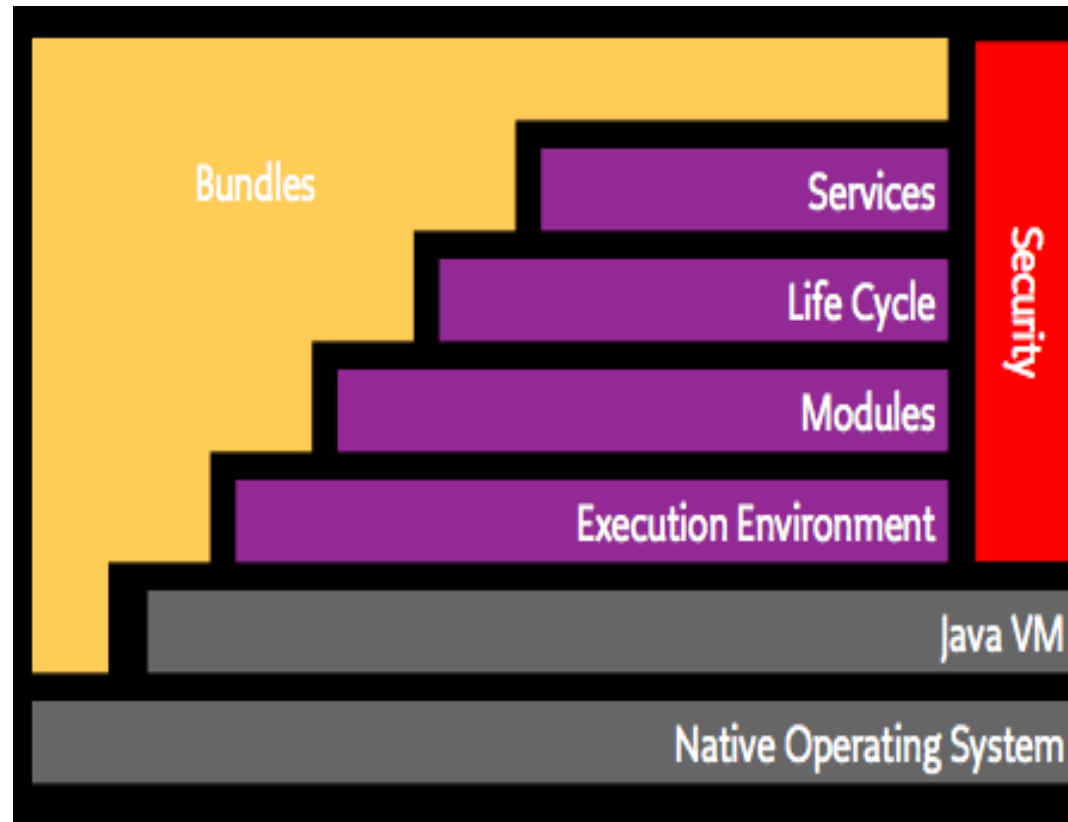- Demo App
- Implementation
- Q&A

What is OSGi

- Modular framework
- Modules are known as "bundles"
- Container that manages the life-cycle of these bundles
- Provides a mechanism for bundles to share classes and services (SOA in container)
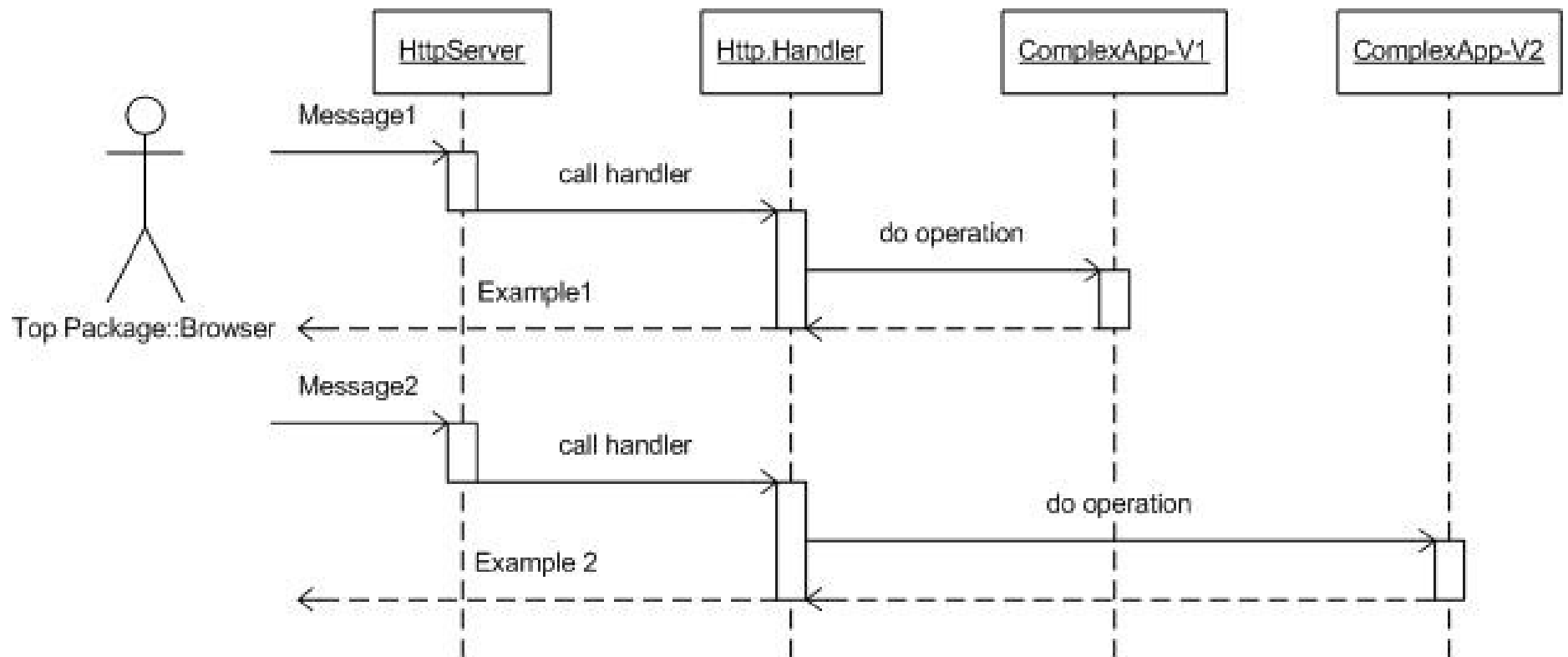- Eg: Equinox, Felix, Knoplerfish

What are Bundles

- A JAR file with a special Manifest.mf file

- Each bundle has its own ClassLoader (isolation within same JVM)

- May "export" and "import" packages to/from other bundles

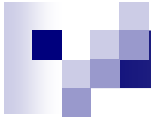- Bundles may provide/use services to/from other bundles

OSGi Layering

Source: http://www.osgi.org/About/WhatIsOSGi

Demo App

Q&A

- Download source/blog: http://iRahul.com