



RED HAT
OPEN SOURCE DAY

Europe, Middle East & Africa

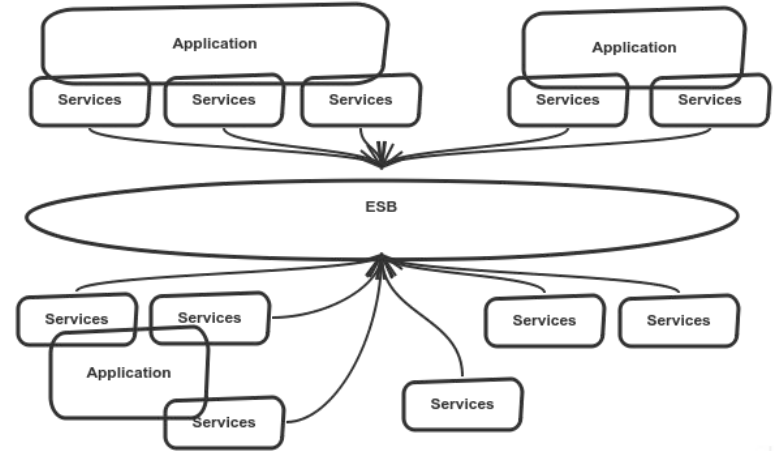
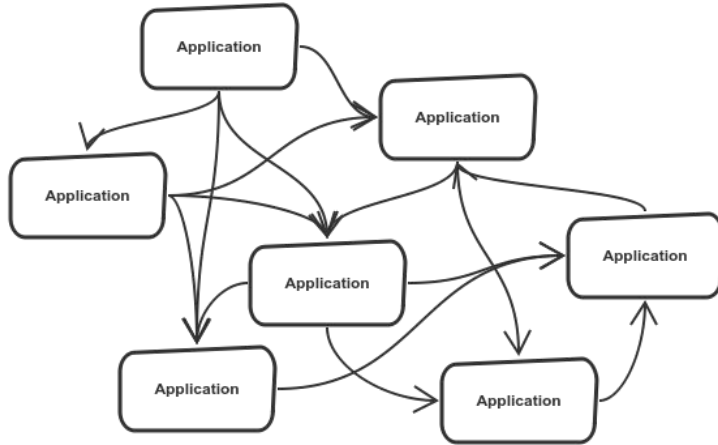


L'Integrazione nell'era dei Microservizi

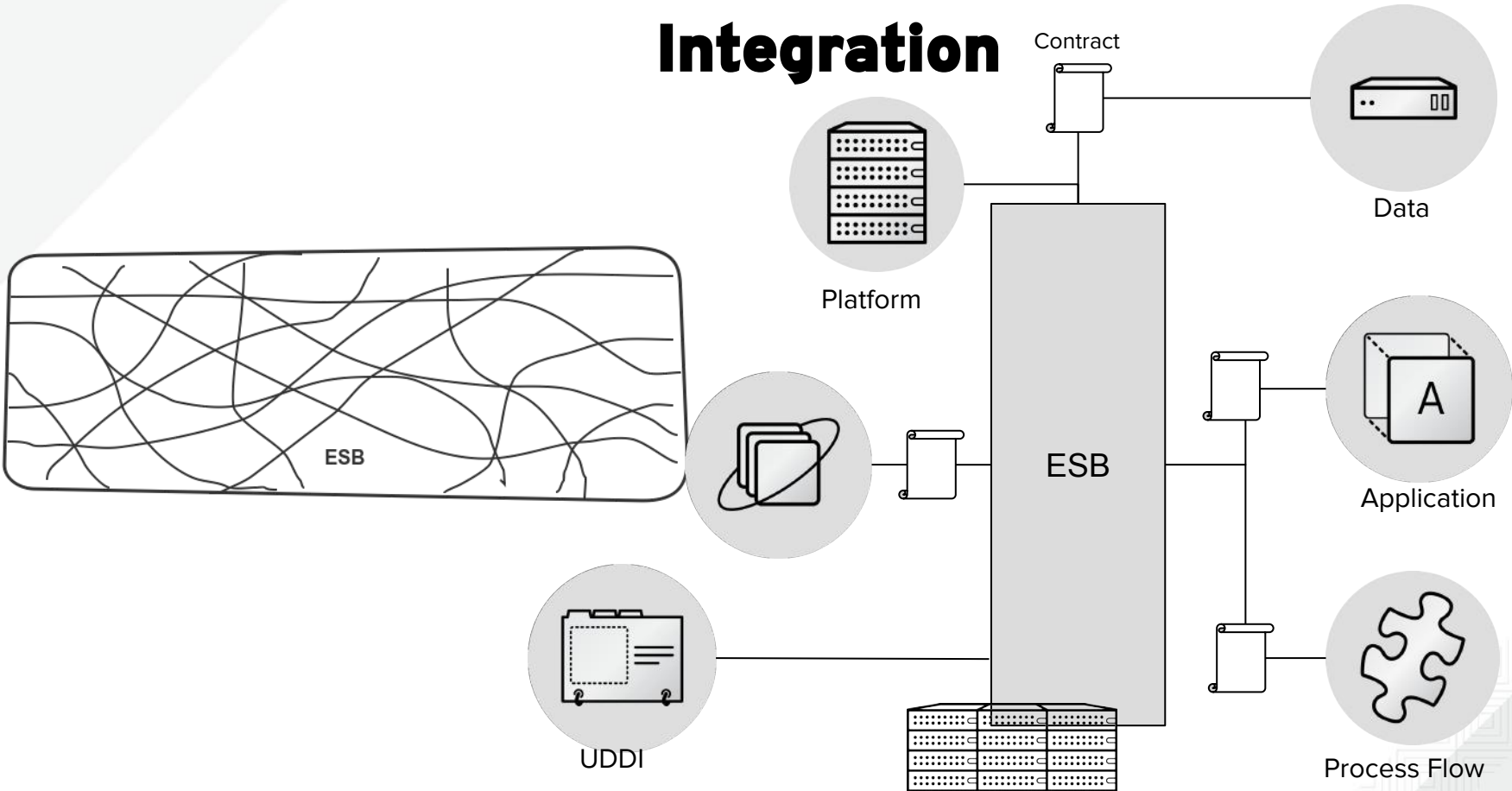
Cloudify your applications: Microservices and beyond

Filippo Calà
Solution Architect

Integration



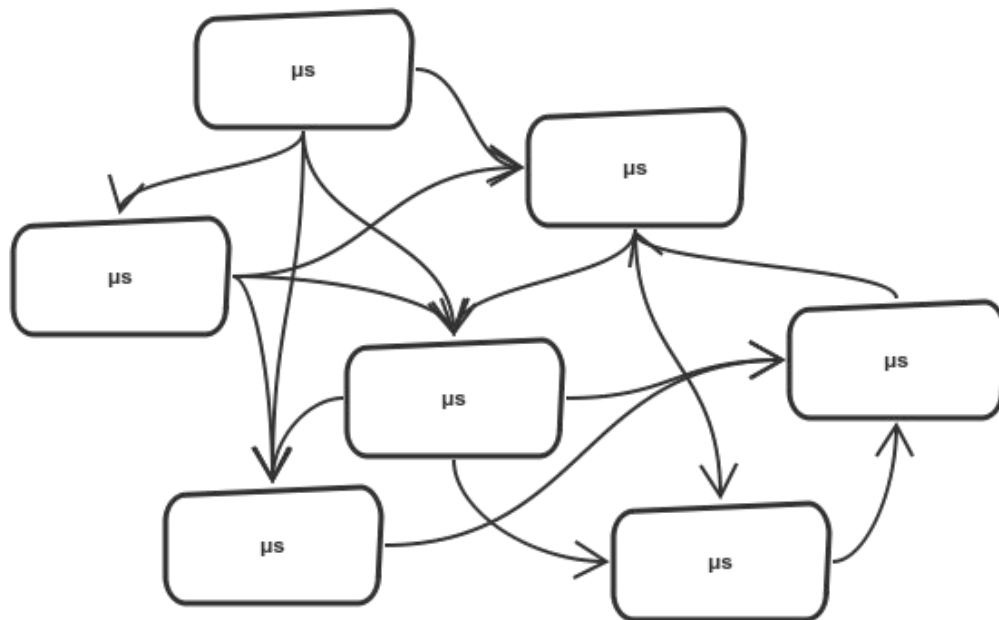
Integration



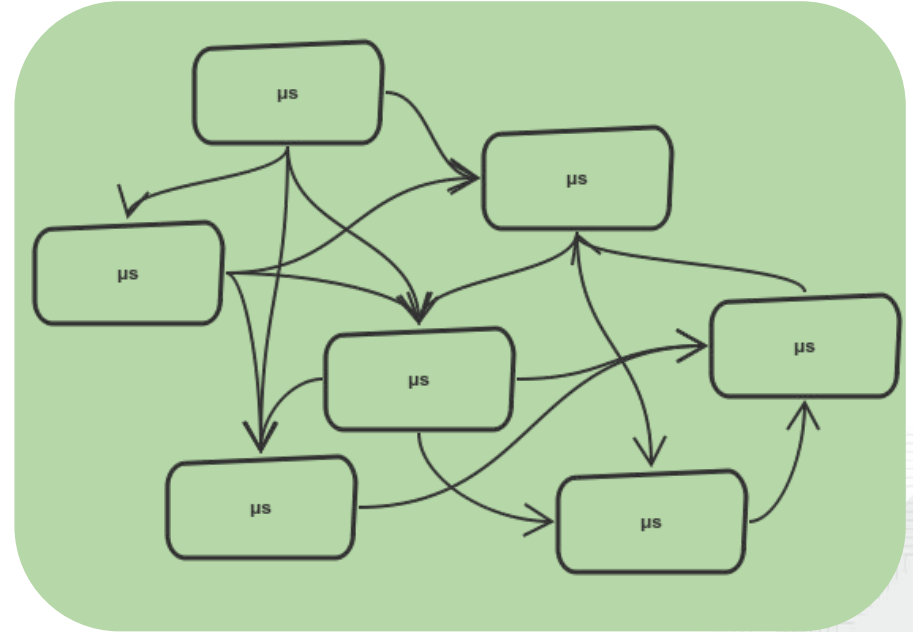
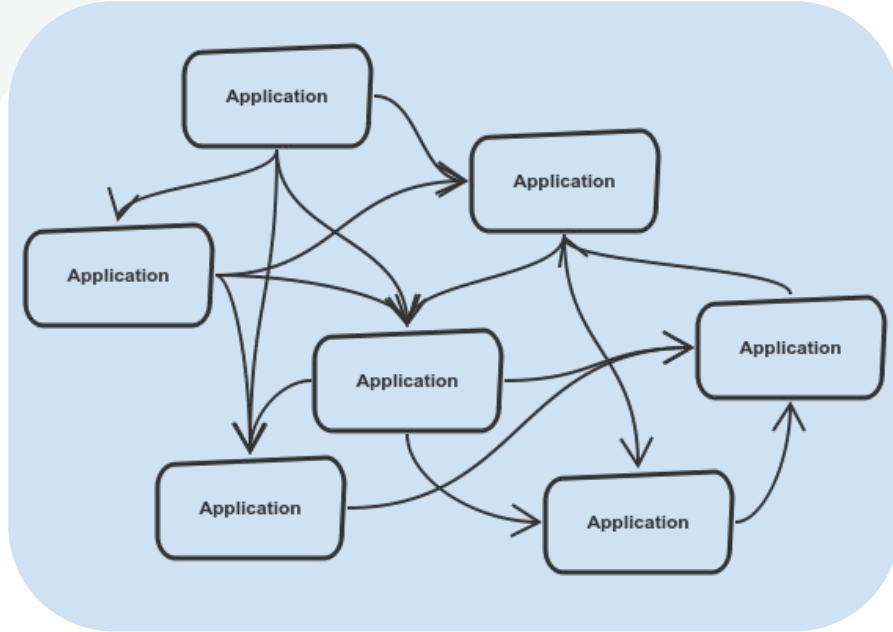
MICROSERVICES ?



Integration



Integration



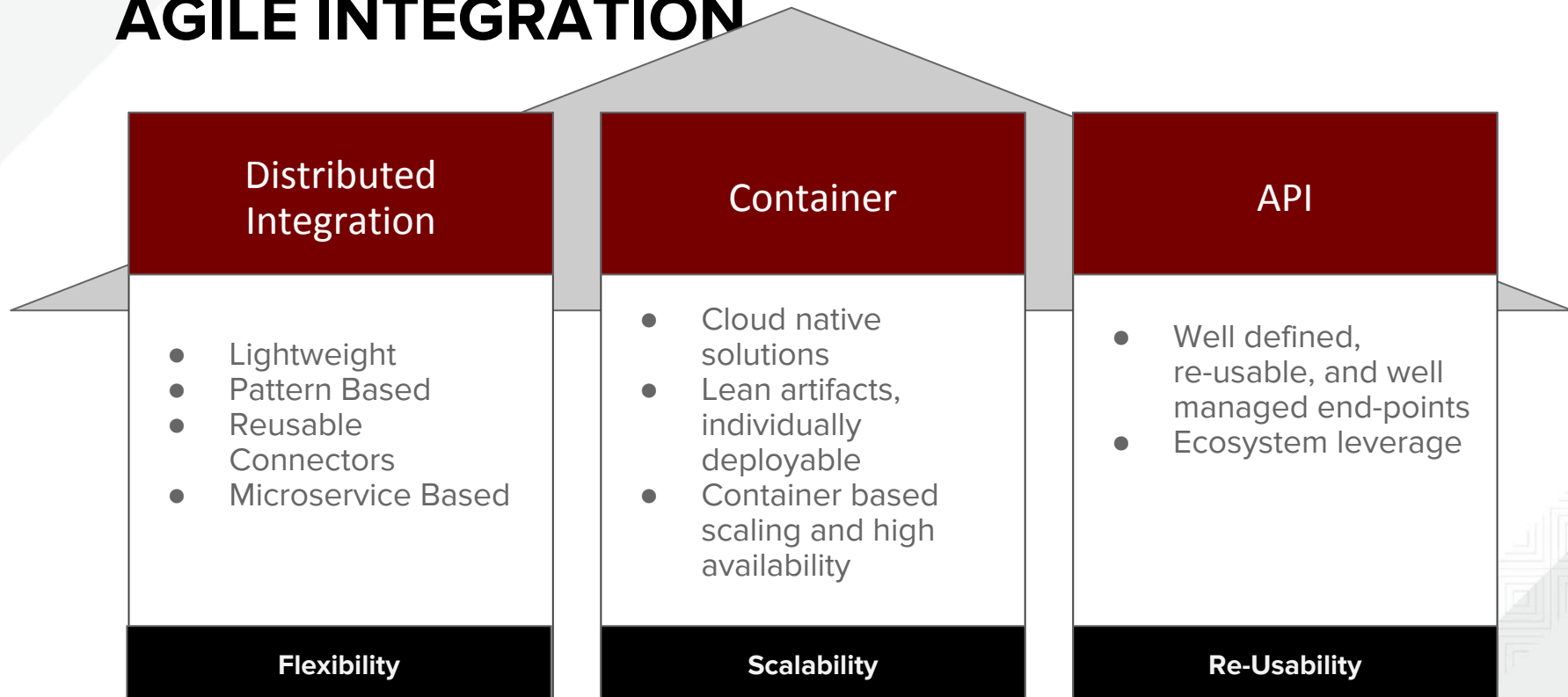
**YOU WILL STILL NEED INTEGRATION,
EVEN WITH MICROSERVICES!**

Agile Integration

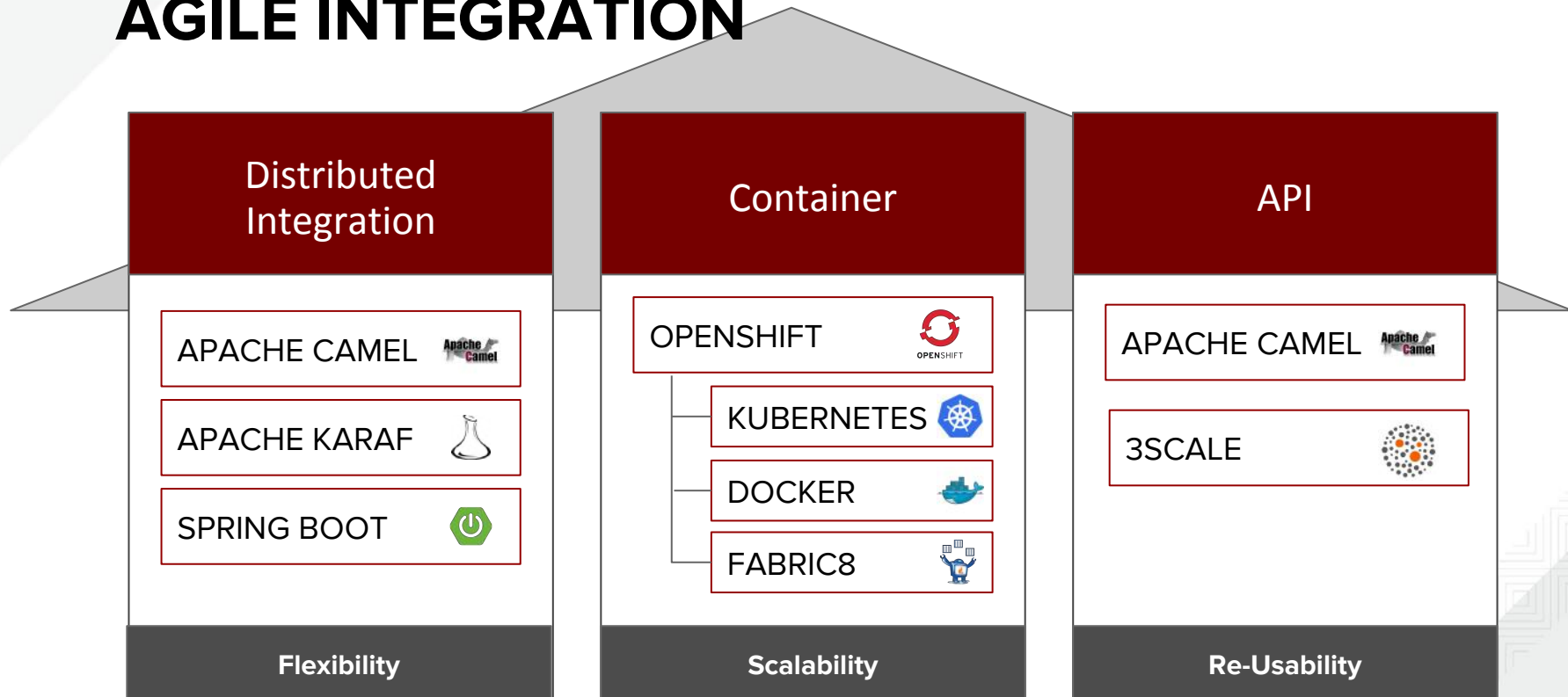


*“L'**integrazione agile** è un approccio architettuale che combina metodi e pratiche **agili** con le **tecnologie**, allo scopo di **integrare rapidamente** applicazioni e dati tramite piattaforme specificamente idonee a soluzioni integrate **flessibili** e adattative.”*

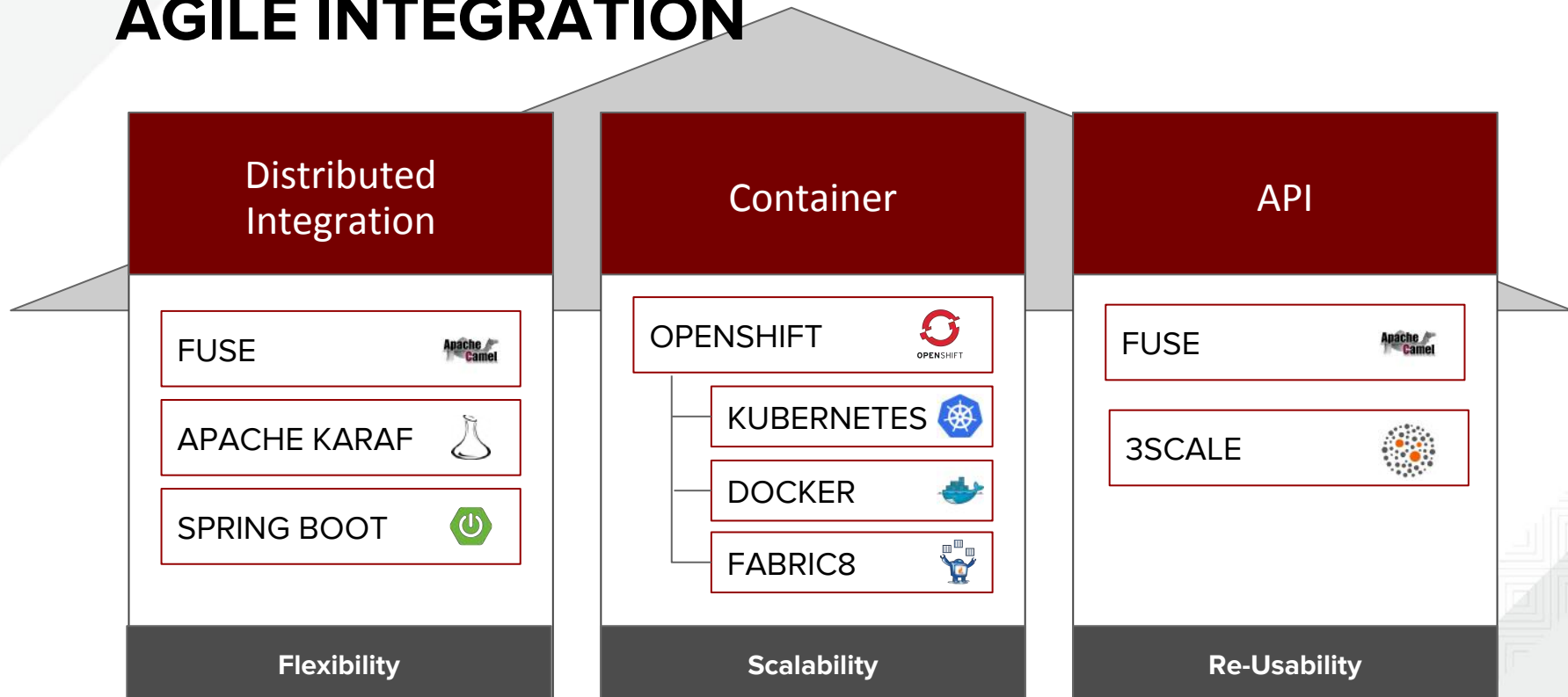
AGILE INTEGRATION



AGILE INTEGRATION



AGILE INTEGRATION



FUSE

Three Fuse Product Initiatives



Fuse Standalone



Fuse Integration Services



Fuse iPaaS

Fuse Integration Service

Writing, configure, test and debug integration/MSA route in JBDS

JBOSS DEVELOPER STUDIO



Camel define routing and mediation rules based on Enterprise Integration Pattern and with 160+ built-in components

APACHE CAMEL



Build and produces ready-to-run container image using s2i toolkit

SPRING-BOOT



APACHE KARAF



Choose between OSGi standard or Spring-boot standalone framework

CONTAINER



Deploy, run and manage integration application on enterprise-class cloud development Platform

OPENSIFT



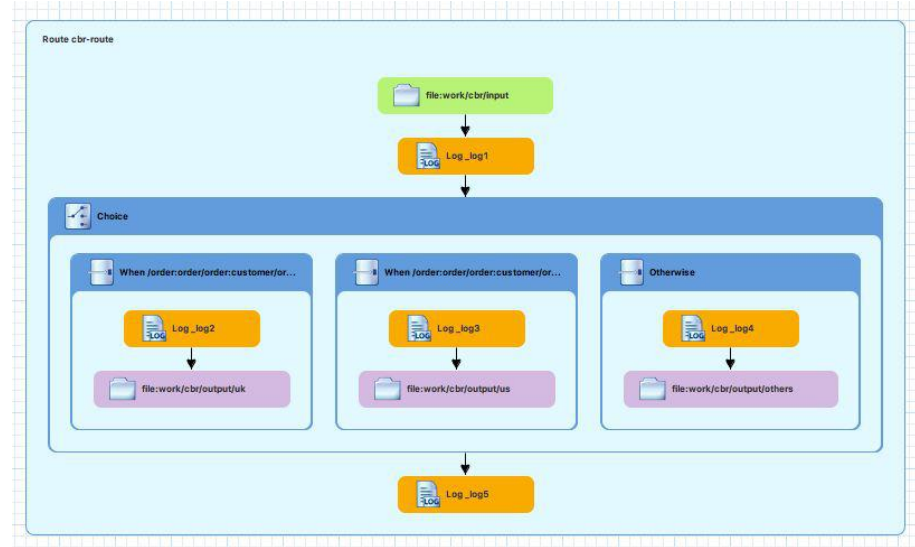
CAMEL DSL

JBOSS
DEVELOPER
STUDIO

Java DSL

Blueprint DSL (XML)

Spring DSL (XML)

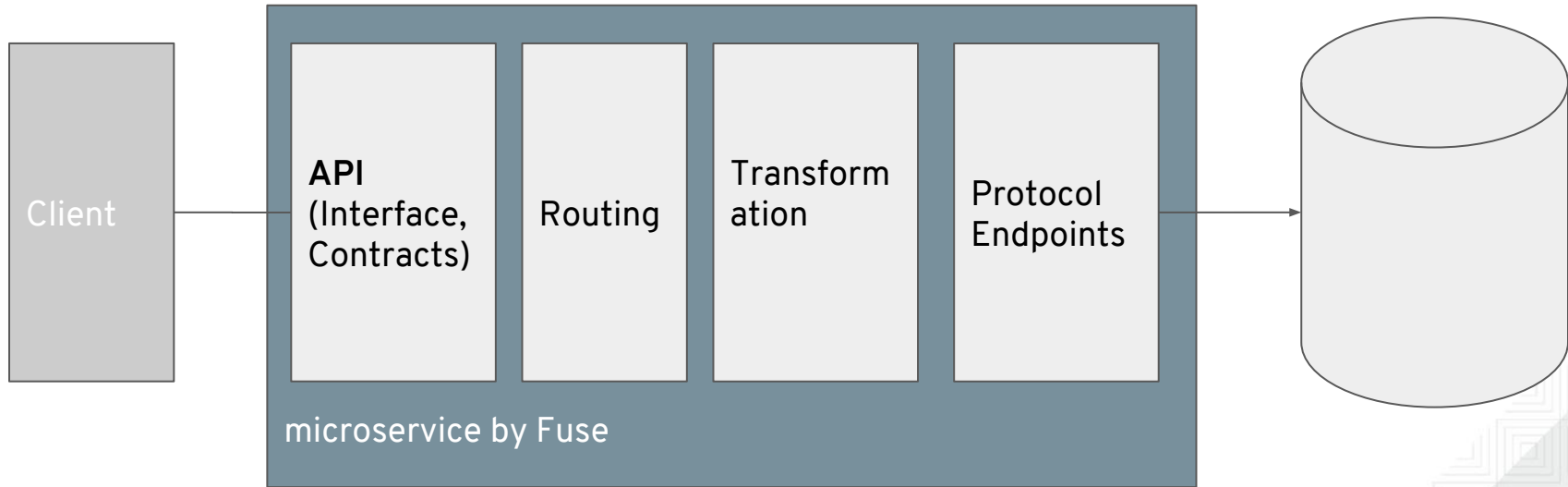


```
from("file:work/cbr/input")
  .log("Receiving order ${file:name}")
  .choice()
    .when(ns.xpath("//c:order/c:customer/c:country[text() = 'UK']"))
      .log("Sending order ${file:name} to the UK")
      .to("file:work/cbr/output/uk")
    .when(ns.xpath("//c:order/c:customer/c:country[text() = 'US']"))
      .log("Sending order ${file:name} to the US")
      .to("file:work/cbr/output/us")
    .otherwise()
      .log("Sending order ${file:name} to another country")
      .to("file:work/cbr/output/others")
  .log("Done processing ${file:name}");
```

Demo



Microservice



QUESTIONS?





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