



MACQUARIE
BANK



OPENSIFT



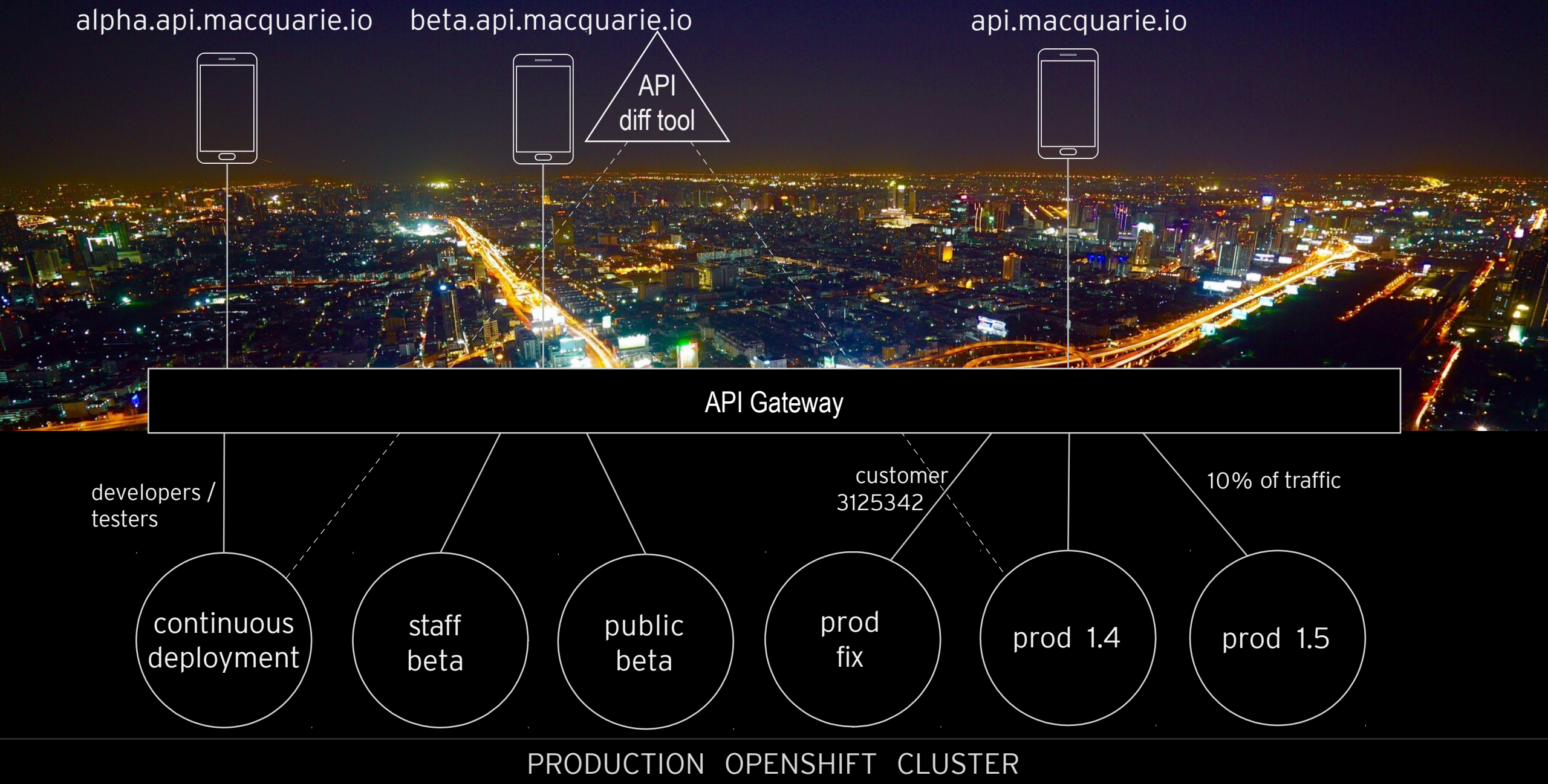
Sparking DevOps with Openshift

**How long does it take to release a
1 line code change to Production?**

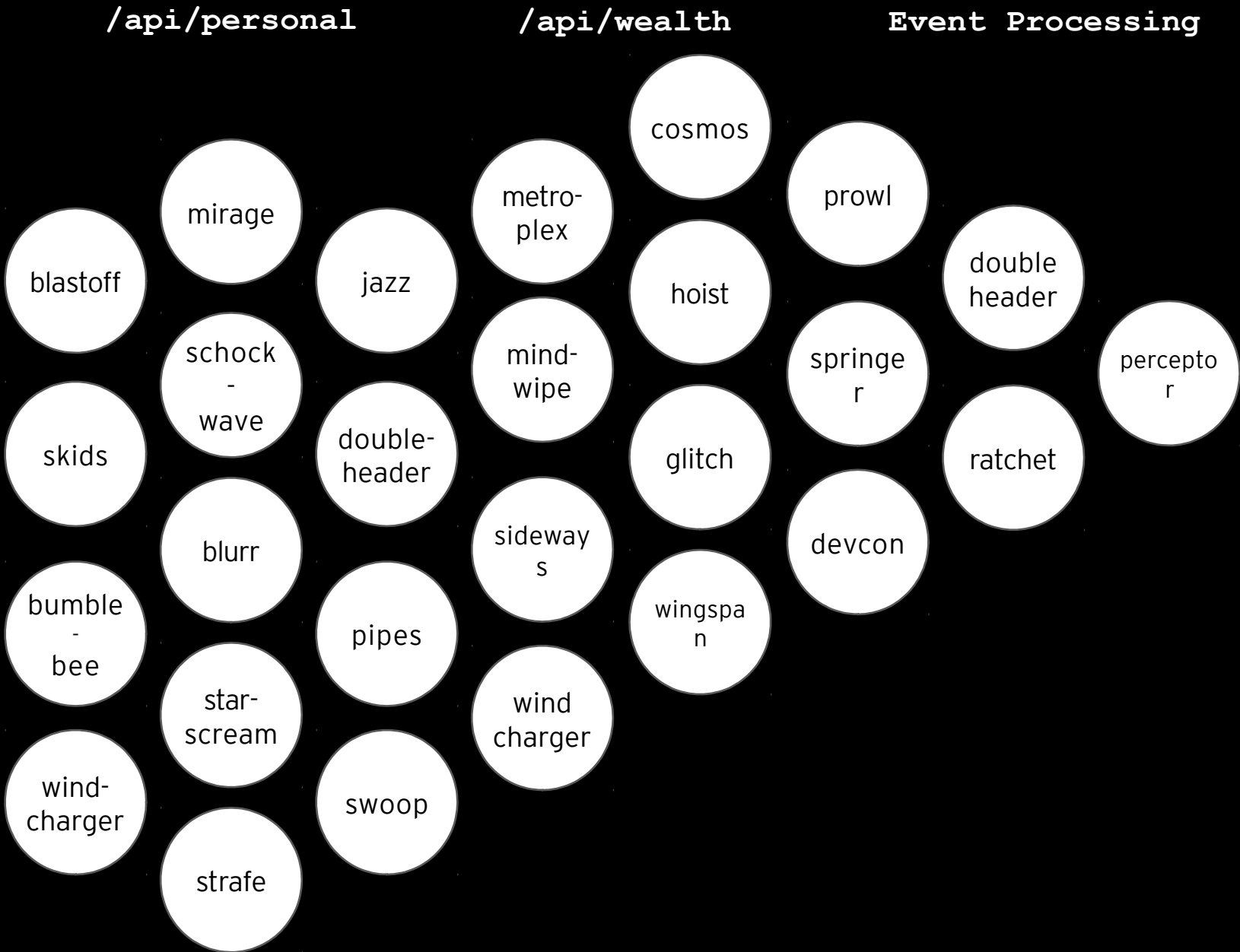
Jason O'Connell
Macquarie Group



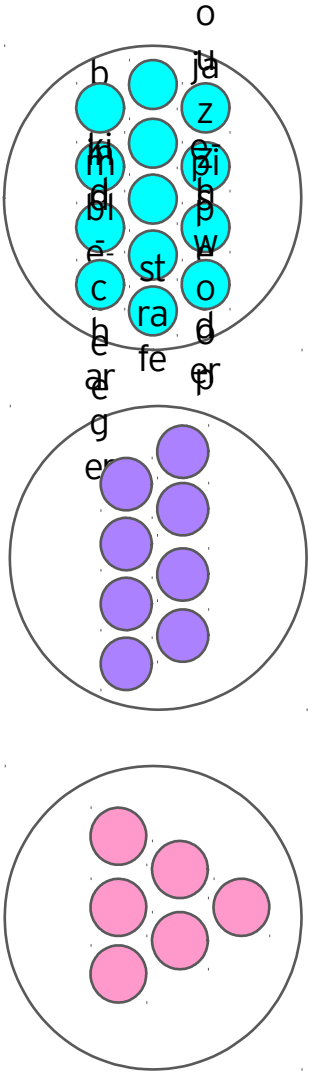
Reduce Friction, Accelerate Innovation



Managing Microservices in Openshift



OPENSIFT NAMESPACES



Reproducible Environments

Characteristics	Applications	Release
		release-definition.yml
java.yml	blastoff.yml	1.0.76
scala.yml	blurr.yml	1.3.2
log4j.yml	bumblebee.yml	2.1.0
logback.yml	doubleheader.y	3.8.1
springboot.yml	mirage.yml	1.0.21
typesafe.yml	mirage.yml	4.3.17
tomcat.yml	pipes.yml	0.7.1
fatjar.yml	skids.yml	1.7.12
appdynamics.yml	starscream.yml	2.7.1
	strafe.yml	0.9.2
	swoop.yml	1.4.3
	windcharger.yml	

DECLARATIVE CONFIGURATION

mirage.yml	release-definition.yml
app: name: mirage group: com.macquarie.digital.micro	applications: blastoff: 1.0.76 blurr: 1.3.2 bumblebee: 2.0.1 doubleheader: 3.8.1 mirage: 1.0.21 pipes: 4.3.17 skids: 0.7.1 starscream: 1.7.12 strafe: 2.7.1 swoop: 0.9.2 windcharger: 1.4.3
configMaps: - cassandra - s3	
characteristics: - springboot - fatjar	
fatjar.yml	springboot.yml
build: image: fatjar-java8:1.0.1	deployment: javaOpts: - key: spring.config.location value: classpath:app-override.yml
deployment: javacert: location: /usr/local/jre1.8.0_102/	

Reproducible Environments

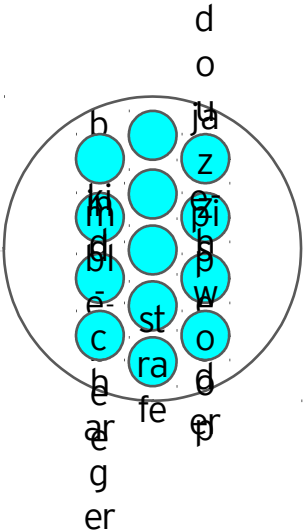
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delta r

deployment
tool

API



What's Next? The Growth of API Consumers

