An intro to ko, developing the knative way

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Microservice(s) in Go

From local...

- A few lines of code
- Build and run locally

```
package main
import (
  "flag"
  "fmt"
  "net/http"
func main() {
 hwPort := flag.Int("port", 8080, "Listening port
      numbers")
 flag.Parse()
 http.HandleFunc("/", func(w http.ResponseWriter,
      r *http.Request) {
   fmt.Fprintf(w, "{\"hello\": \"%s\"}", r.URL.
     Path)
 })
 http.ListenAndServe(fmt.Sprintf(":%d". *hwPort).
      nil)
#!/bin/bash
go build
./helloworld --port 8080 &
```

...to the Cloud

- Scaling
- Resiliency
- Security





Something is missing to get from A to B



Define the container to build Define the container to run

One Dockerfile for both

FROM golang:1.8 as build

WORKDIR /go/src/github. com/afrittoli/ go helloworld ADD . /go/src/github.com

/afrittoli/ go helloworld

RUN go-wrapper download

RUN go-wrapper install

COPY -- from = build /go/ bin/go helloworld /helloworld

Build the image Tag the image Push the image to the registry Update the image

docker build . docker tag \${REGISTRY}{/ docker push \${REGISTRY}/

Getting Started with Ko

Installing

Container Registry

Publish, Resolve, Apply, Delete

Publish

Resolve

Apply & Delete

Ko and Knative

Developing Knative

Knative & Ko

Q&A

Thank You! Questions?

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