

# LA VIDA DE UN DESARROLLADOR CON KUBERNETES Y **AZURE**

## Patrocinadores Locales

¡GRACIAS!

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**raona** 東京' TOKIOTA

**GIN MG**  
CASA FUNDADA  
EN 1835

Colabora



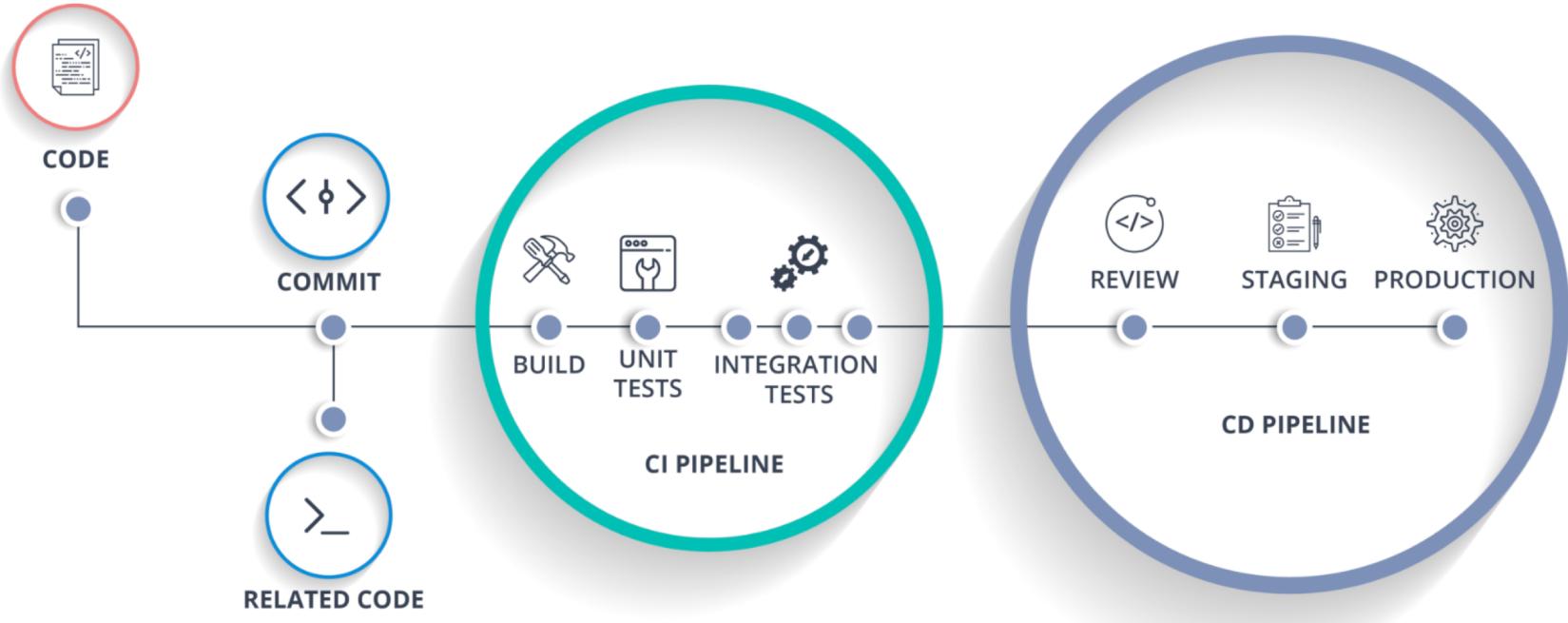


¡HOLA!

**Soy Christian Melendez**

Y estoy aqui para hablar de Kubernetes, Cloud, y DevOps

@Christianhxc | [cmelendeztech.com](http://cmelendeztech.com)





Kelsey Hightower ✅

@kelseyhightower

Following



Kubernetes is a platform for building platforms. It's a better place to start; not the endgame.

3:04 PM - 27 Nov 2017

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217 Retweets 634 Likes



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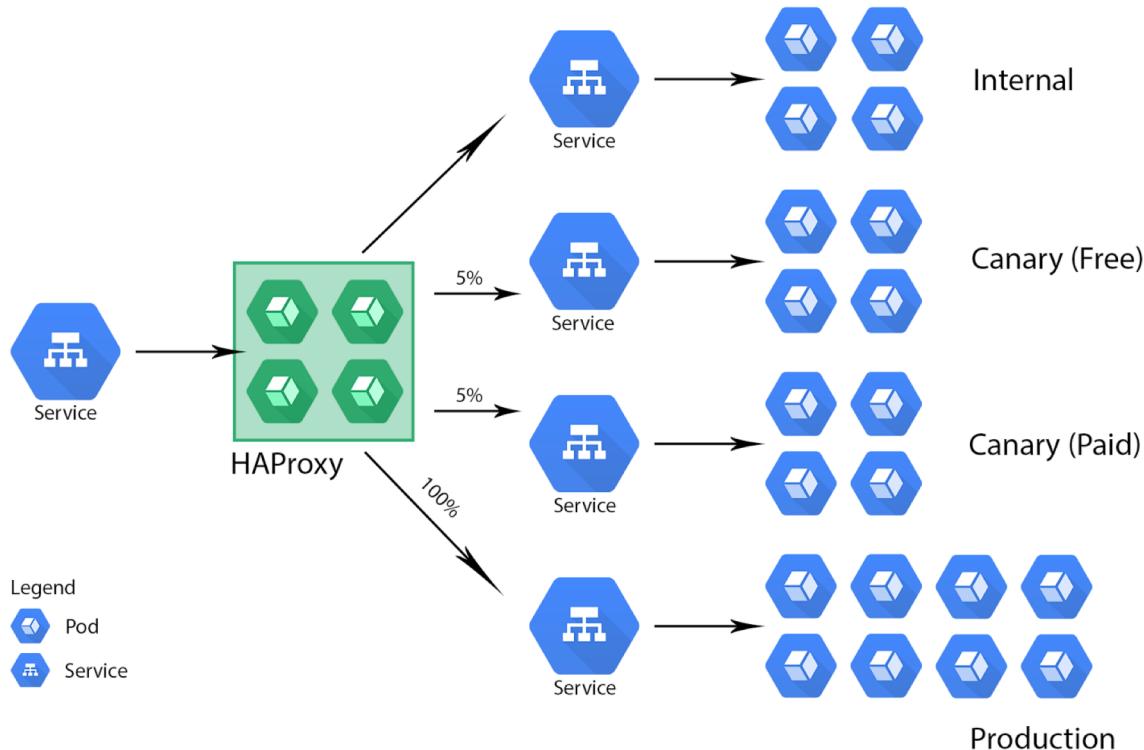
9

217

634

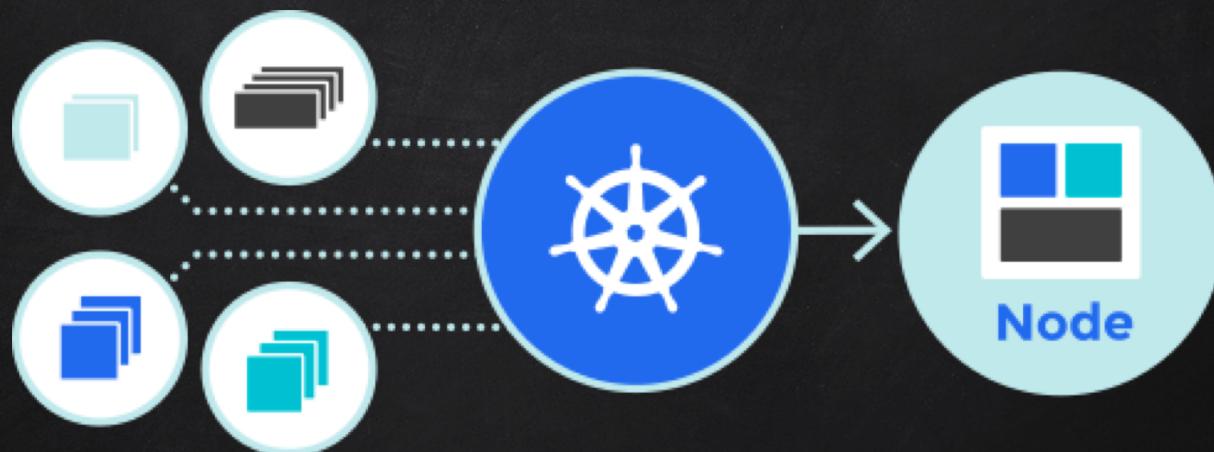


# KUBERNETES CAPABILITIES



# INTRODUCCION A KUBERNETES

<http://bit.ly/2J0mf72>





# DRAFT

“Kubernetizar” aplicaciones

# CLOUD-NATIVE KUBERNETES

X Detecta el lenguaje de la aplicación

X Te ayuda con dos cosas

1. Crear los artefactos para Kubernetes
2. Construir y desplegar la aplicación



# DRAFT

# INICIANDO CON DRAFT

- X Usar o crear un cluster de Kubernetes
- X Instalar Helm en Kubernetes (RBAC)
- X Instalar y configurar Draft

# FLUJO DEL DRAFTING

Xdraft init (descarga paquetes)

Xdraft create

Xdraft up

Xdraft connect

Xdraft delete



Veamos ...



# AZURE DEV SPACES

Azure como tu maquina de desarrollo

# A SIMPLE VISTA

<http://dev.myapp.eus.azds.io>



# FLUJO DE AZURE DEV SPACES

Xaz aks **use-dev-spaces** -g <RESOURCEGROUP> -n <CLUSTER>

Xazds show-context

Xazds space list

Xazds list-uris

Xazds space select -n dev/christian -y

Xazds prep --public

Xazds up (**Debug: Java, .NET, y Node.js**)

# YA ESPERAR SE HA DICHO ... 😞

```
Installing Dev Spaces commands...
```

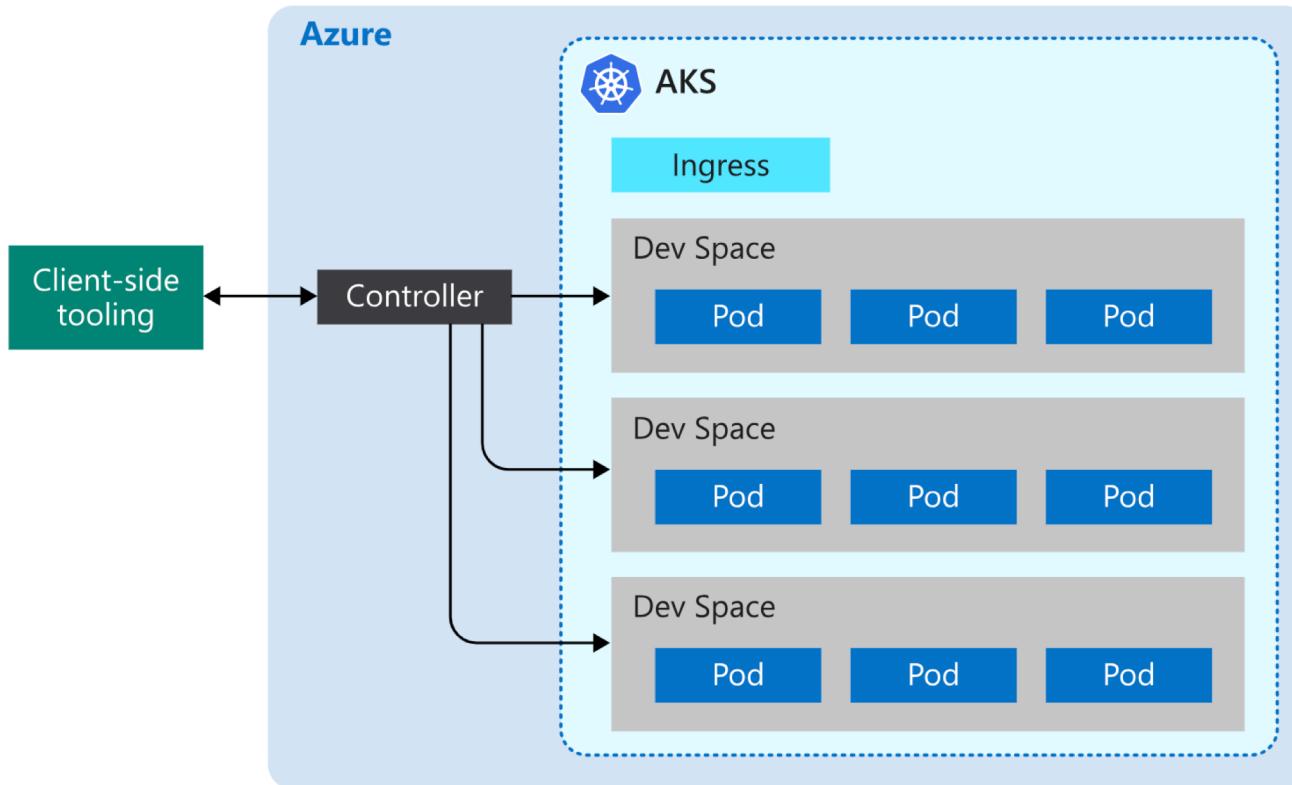
```
Installing Azure Dev Spaces client components...
```

```
By continuing, you agree to the Microsoft Software License Terms (https://aka.ms/azds-LicenseTerms) and  
Microsoft Privacy Statement (https://aka.ms/privacystatement). Do you want to continue? (Y/n): Y
```

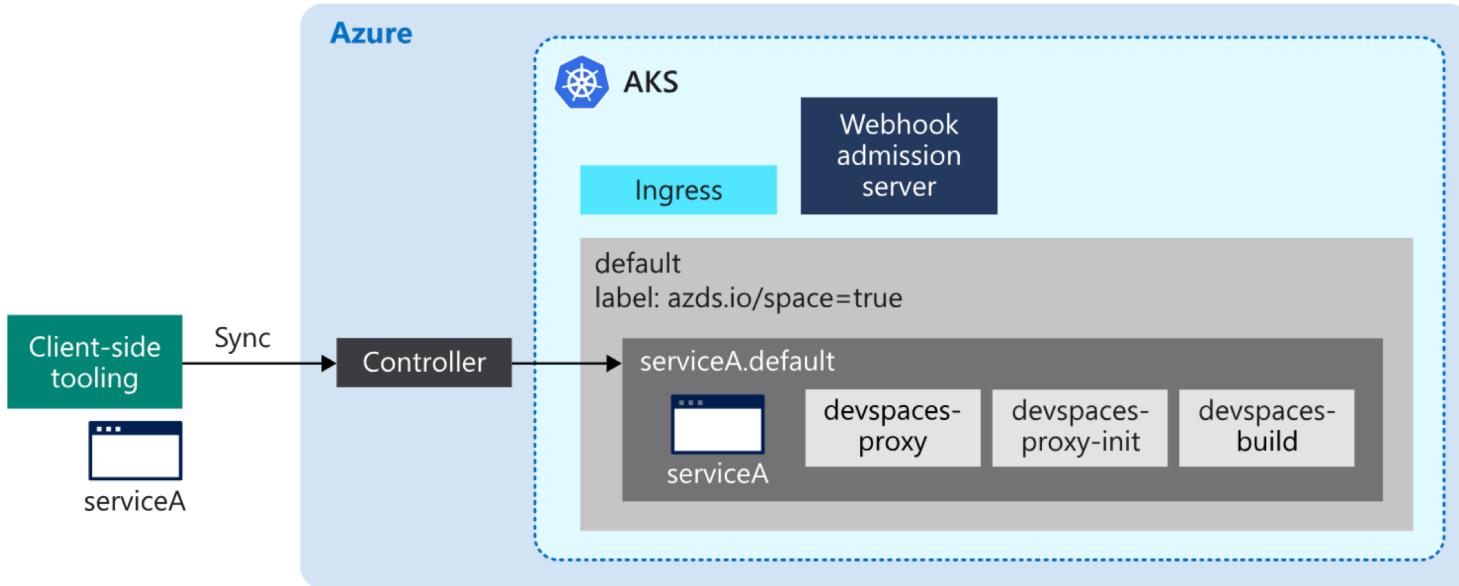
```
You may be prompted for your administrator password to authorize the installation process.
```

```
[INFO]     Downloading Azure Dev Spaces Package...
```

# ARQUITECTURA: CONTROLLER Y CLI

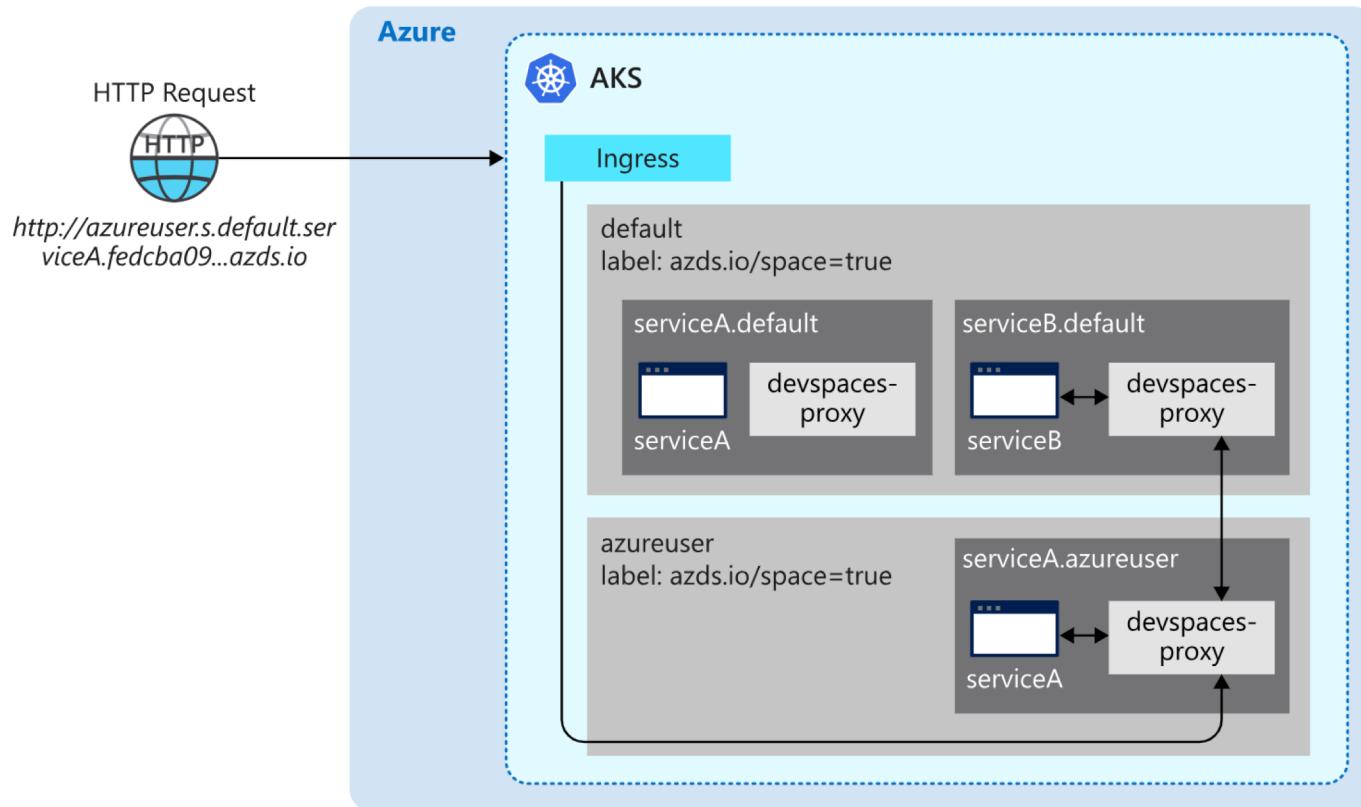


# ARQUITECTURA: SIDECAR CONTAINERS



- Static assets ..... → Direct update to running container
- Application source code ..... → Rebuild and restart app in running container
- Kubernetes Configuration ..... → Rebuild and redeploy container

# ENRUTAMIENTO





Desarrollemos juntos ...

3.

# AZURE PIPELINES

Integracion y entrega continua con Kubernetes

# MINI-CURSO AZURE DEVOPS Y KUBERNETES

<http://bit.ly/2volGe7>





¡Magia!



¡GRACIAS!

¿Preguntas?

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