



kubernetes

Kubernetes: Kubeless Introduction

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- **Kubeless** is a Kubernetes-native **serverless framework** that lets you deploy small bits of code (functions) without having to worry about the underlying infrastructure.
- **Kubeless** is deployed on top of a Kubernetes cluster.
- **Kubeless** enables functions to be deployed on a K8s cluster while allowing users to leverage Kubernetes resources to provide auto-scaling, API routing, monitoring and troubleshooting.
- Anything that triggers a **Kubeless Function** to execute is regarded by the Framework as an **Event**.

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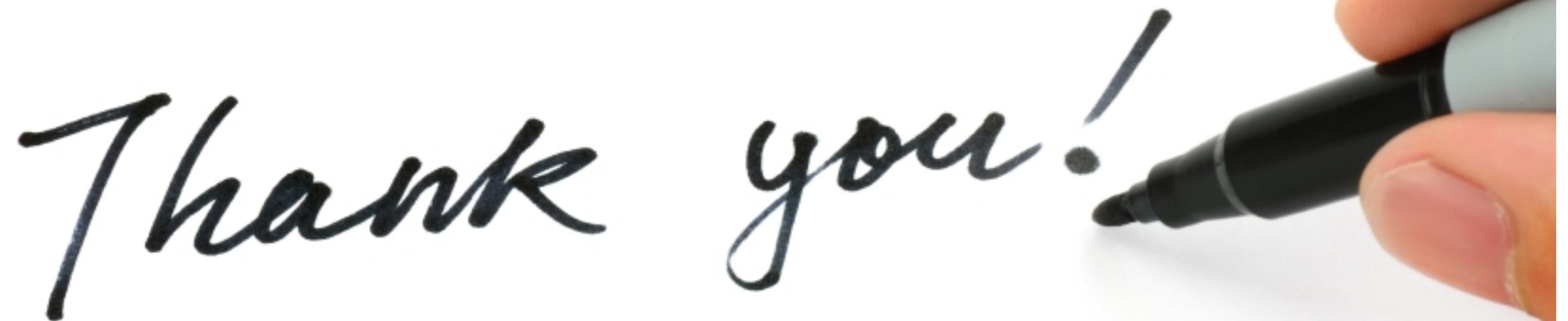
- **Kubeless** is Open-Source and available free for Use.
- **Kubeless** have UI available for Developer to Deploy Functions.
- Kubeless Support all Major Languages:
 - Python
 - Ruby
 - NodeJS
 - PHP
 - GoLang
- **Kubeless** is CLI compliant with AWS Lambda CLI.

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- Once Function is Deployed, User needs to find-out how to trigger these.
- Currently Below mechanism supported:
- pubsub triggered (Kafka, NATS)
- http triggered (Exposed as Kubernetes Services)
- schedule triggered (Cron Jobs)

Will see you in Next Lecture...

Thank you!

A close-up photograph of a hand holding a black marker, writing the words 'Thank you!' in a cursive script on a white surface. The hand is positioned on the right side of the frame, with the marker tip touching the paper. The background is plain white.

See you in next lecture ...