

Kubernetes Operators - The basics

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Definition

Human operators of stateful applications have deep knowledge about how - and when - to run those operations.

The Operator pattern is a way of capturing that human knowledge. It provides a means for automating those tasks by extending the native Kubernetes API.

Kubernetes API resource lifecycle

banzaicloud.com/img/blog/admission-webhooks/webhooks.png (<https://banzaicloud.com/img/blog/admission-webhooks/webhooks.png>)

Demo

github.com/martonsereg/present-operator (<https://github.com/martonsereg/present-operator>)

Thank you

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<https://github.com/martonsereg/k8s-meetup> (https://github.com/martonsereg/k8s-meetup)