

MATURING KUBERNETES OPERATORS

A rapidly maturing space for the third round of Kubernetes growth

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KUBERNETES ADOPTION PHASES







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1. Stateless apps	2. Stateful apps	3. Distributed systems
ReplicaSets	StatefulSets	Data rebalancing
Deployments	Storage/CSI	Autoscaling
		Seamless upgrades





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Embed ops knowledge from the experts

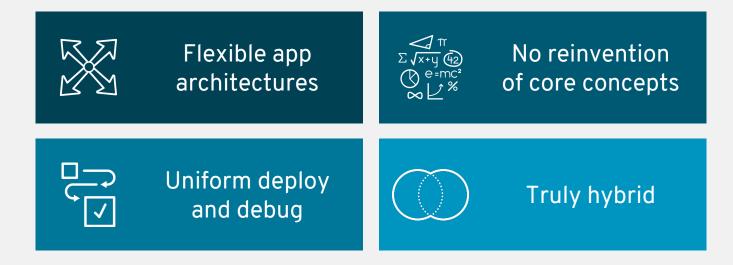
Operator v1.1.2

Deployments StatefulSets Autoscalers Secrets Config maps





OPERATORS FOR ALL



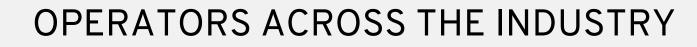






https://github.com/operator-framework



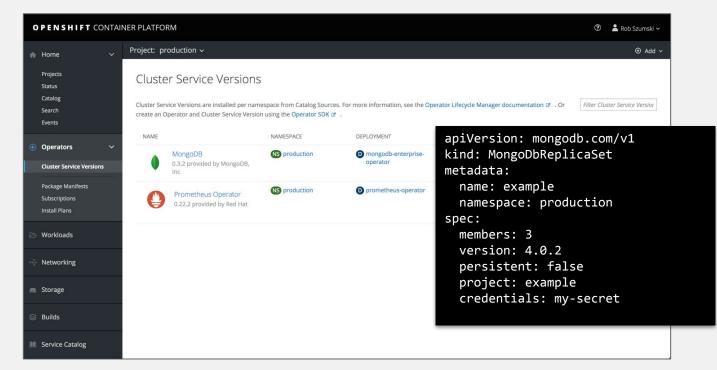




https://github.com/operator-framework/awesome-operators











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Projects Status Catalog Search Events		Subscriptions Create Subscription				Filter Subscriptions by package	
		NAME †	NAMESPACE	STATUS	CHANNEL	APPROVAL STRATEGY	
Operators		SUB amq-streams-fzsq9	NS staging	O Up to date	preview	Automatic	I
Cluster Service Versions		SUB couchbase-enterprise-7qn82	NS rob-dev	O Up to date	preview	Automatic	1
Package Manifests		SUB etcd-x9fpg	NS tony-dev	O Up to date	alpha	Automatic	1
Subscriptions		SUB federationv2-kqrf4	NS rob-dev	O Up to date	alpha	Automatic	I
> Workloads	SUB mongodb-enterprise-g6s54	NS staging	O Up to date	preview	Automatic	I	
	SUB mongodb-enterprise-vqfbt	NS test	O Up to date	preview	Automatic	I	
Networking		SUB mongodb-enterprise-wfg6x	NS production	O Up to date	preview	Automatic	1
	SUB prometheus-9zp4t	NS staging	Up to date	preview	Automatic	1	
Storage		SUB prometheus-b54fp	NS test	O Up to date	preview	Automatic	I
Builds		SUB prometheus-plwxx	NS production	O Up to date	preview	Automatic	I



TRY IT OUT

<u>https://github.com/operator-framework/getting-started</u>

https://commons.openshift.org/sig/operators.html

Thursday 4:30 p.m.

Using Operator Metering with 5,000 namespaces

Friday 9 a.m.-1 p.m.

Building your first Operator workshop



SOLD OUT