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# K8S OBJECTS

Rise of the Containers Workshop

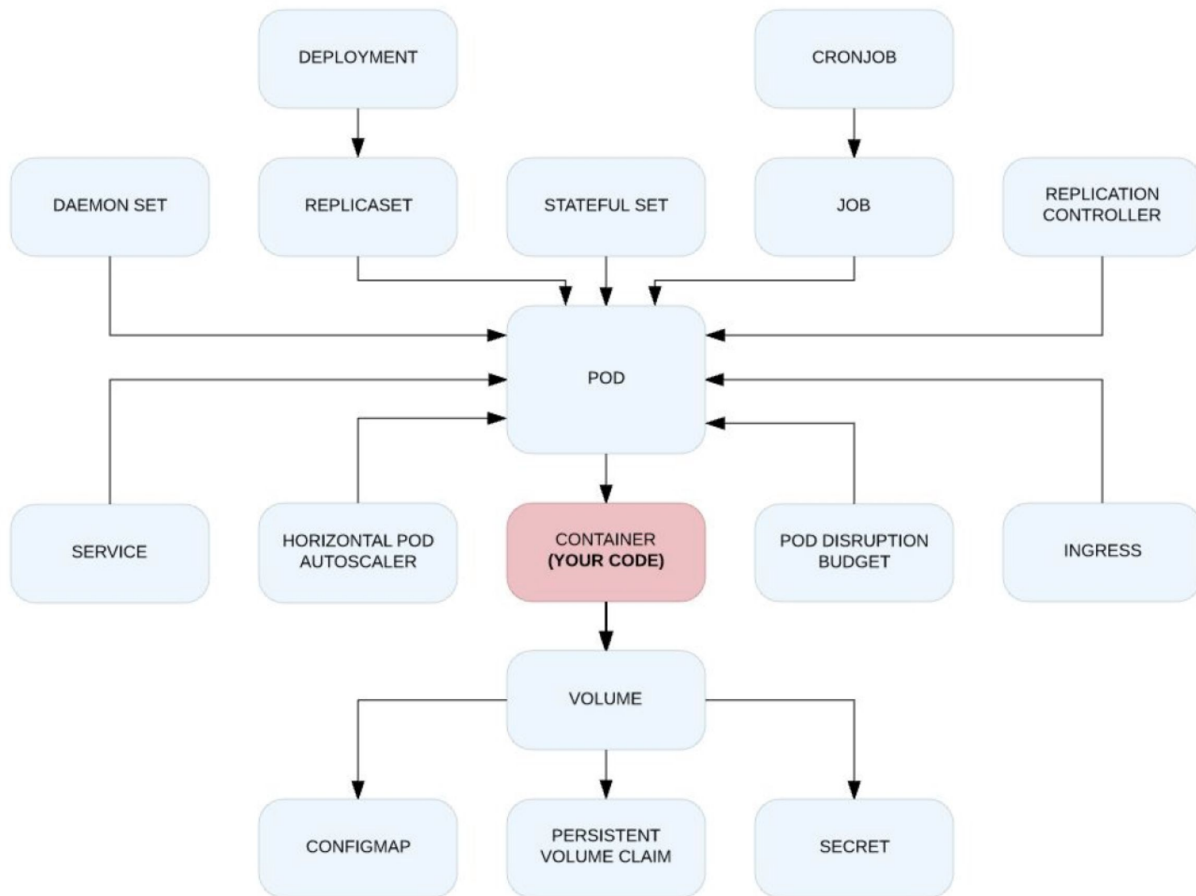


# What is Kubernetes Object ?

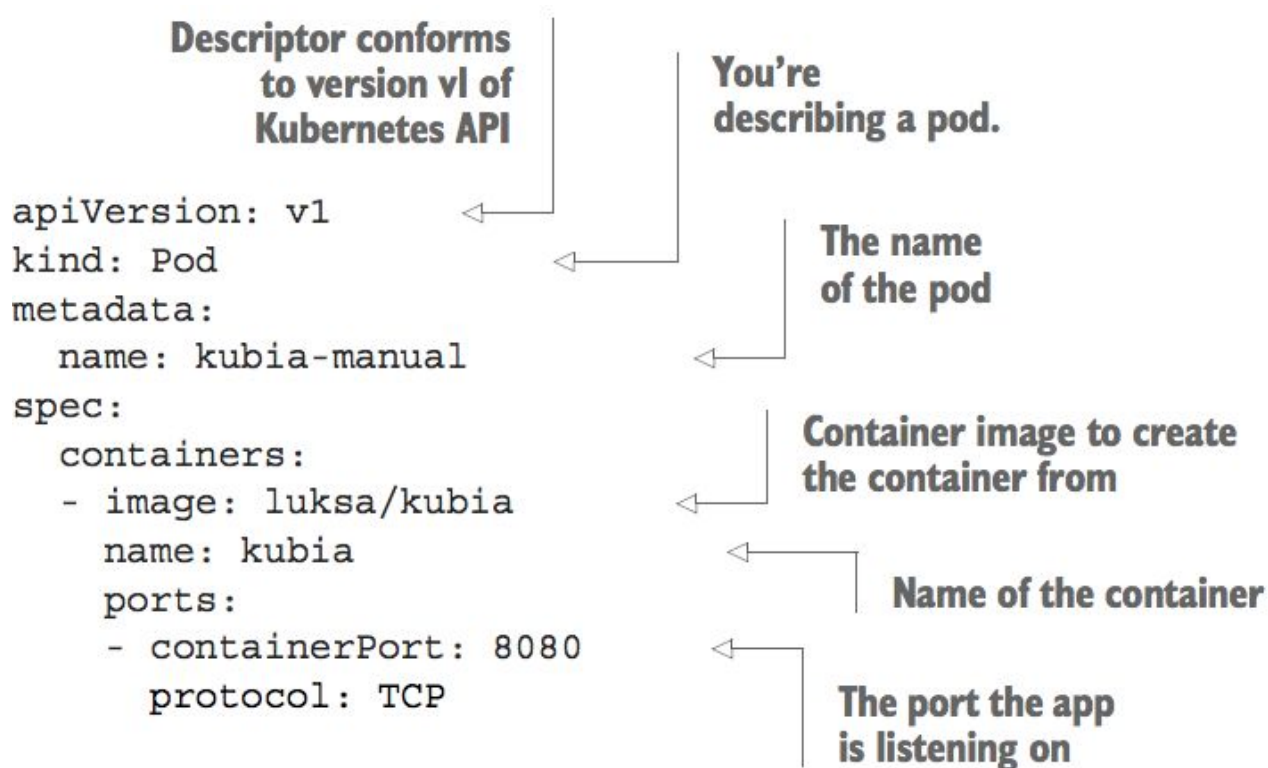
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- Persistent entity in K8s system
- Abstraction to represent the state of the system
- Describes:
  - What containerized apps are running
  - Resources available to those apps
  - Policies around those apps (restart policies, fault-tolerance)

# Objects in K8s



# K8s Object YAML



# K8s Analogies with JVM

Java & JVM	KUBERNETES
Class	Image (layers)
Object	Container
.jar	Image
.jar, .war, .ear	Pod
Module, Package	Namespace
Constructor (class lifecycle)	Init-container (container lifecycle)
Properties (ENVs)	ConfigMaps & Secrets
Daemon Thread	DaemonSets

# THANK YOU

*For questions or suggestions:*

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