



# kubernetes

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*Management Tools*

# *Learn Kubernetes by Doing : K8s Hard Way*

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## ➤ K8s Management Tools-

- Kubectl
- Kubeadm
- Minikube
- Helm
- Kompose
- Kustomize

# *Learn Kubernetes by Doing : K8s Hard Way*

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- K8s Management Tools -
- K8s tools provide Additional functionality.
- It's good to be familiar with K8s Tools.

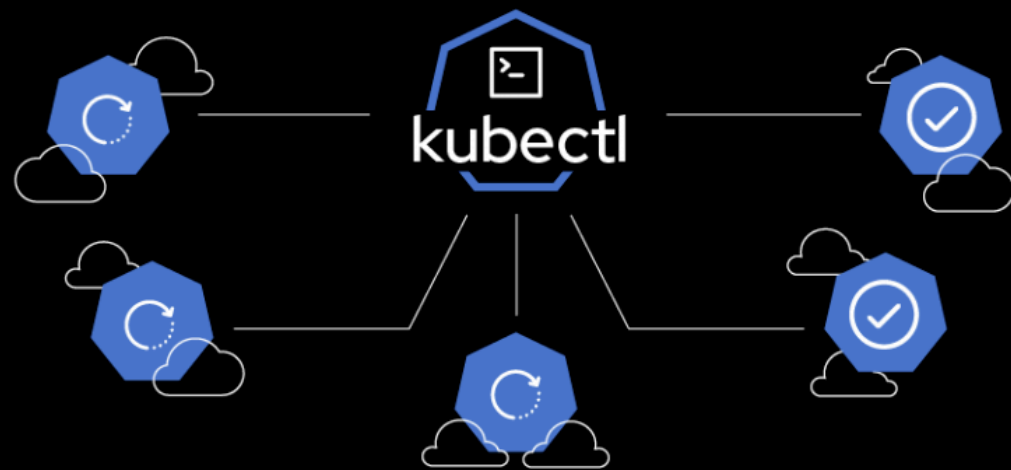
# *Learn Kubernetes by Doing : K8s Hard Way*

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## ➤ Kubectrl -

- Kubectrl is official CLI for K8s.
- We will see using kubectrl thought-out this course.

kubectrl [command] [TYPE] [NAME] [flags]



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- Kubadm -
- Kubeadm tool is used to easily creating the K8s Cluster.
- Helping user to set-up and make cluster functional.



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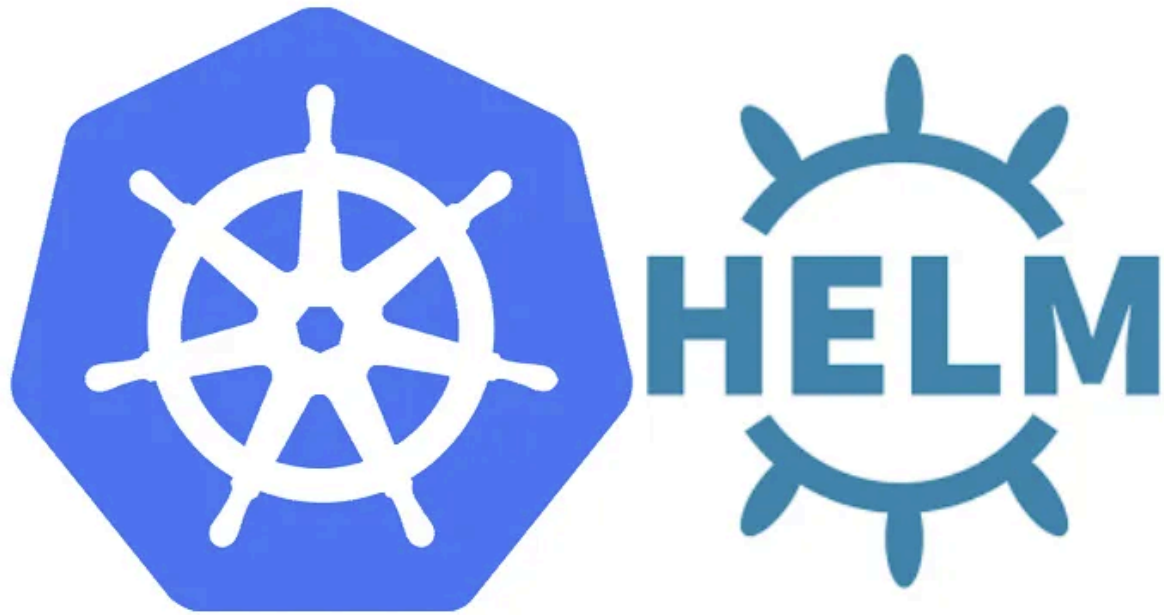
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- Minikube -
- K8s Developer's tool.
- Help to SetUp K8s Cluster quickly for Development.
- SetUp local single Node Cluster.

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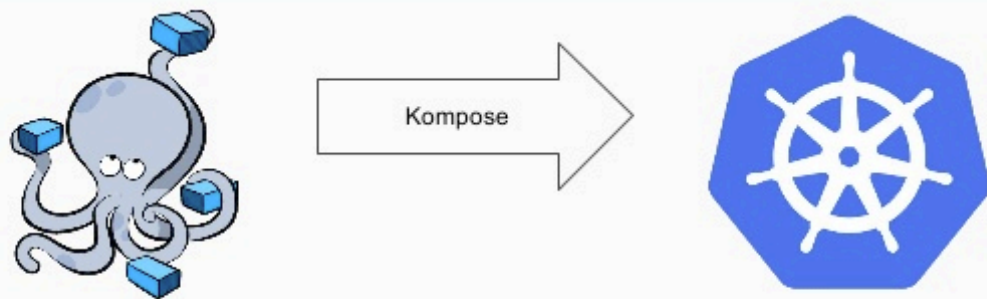
- Helm -
- Powerful tool for K8s Template and Package management.
- Ability to Convert K8s Objects in reusable templates.
- Ability to provide Complex Multi Config Templates with cross connectivity.

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## ➤ Kompose -

- Helps to translate Docker Compose files into a K8s Objects.
- Ability to ship containers from Compose to K8s.





## *Learn Kubernetes by Doing : K8s Hard Way*

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- Kustomize -
- Configuration management tool for K8s objects Configuration.
- Similar to Helm and have ability to create re-useable templates for K8s.

*Will see you in Next Lecture...*

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*Thank you!*

A close-up photograph of a hand holding a black marker, completing the cursive word 'Thank you!' on a white surface. The hand is positioned on the right side of the frame, with the index and thumb fingers visible, holding the marker. The marker's tip is just finishing the exclamation mark. The background is a plain, light-colored surface.

*See you in next lecture ...*