

# Kubernetes kind CheatSheet

# CLOUD

- PDF Link: [cheatsheet-minikube-A4.pdf](#), Category: Cloud
- Blog URL: <https://cheatsheet.dennyzhang.com/cheatsheet-minikube-A4>
- Related posts: Minikube CheatSheet, Kubernetes Yaml, #denny-cheatsheets

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- Check kubernetes cheatsheet: <https://cheatsheet.dennyzhang.com/cheatsheet-kubernetes-A4>

## 1.1 kind basic

Name	Command
Kind	Kubernetes IN Docker - local clusters for testing Kubernetes
Install kind	Install go and docker, then <code>go get -u sigs.k8s.io/kind</code>
Check kind cli	<code>which kind, kind version</code>
Create kind cluser	<code>kind create cluster --name clusterapi</code>
Reference	Minikube CheatSheet, Kubernetes kind CheatSheet
Reference	Kubectl CheatSheet, Kubernetes Yaml

## 1.2 kind Command

Name	Command
List all kind clusters	<code>kind get clusters</code>
List all nodes per cluster name	<code>kind get nodes --name \$cluster_name</code>
Create kind cluser	<code>kind create cluster --name clusterapi</code>
Delete kind cluster	<code>kind delete cluster --name clusterapi</code>

## 1.3 kind CLI Online Help

```
> kind version
0.3.0-alpha
```

```
> kind --help
kind creates and manages local Kubernetes clusters using Docker container 'nodes'
```

```
Usage:
  kind [command]
```

Available Commands:

```
build      Build one of [base-image, node-image]
completion Output shell completion code for the specified shell (bash or zsh)
create     Creates one of [cluster]
delete     Deletes one of [cluster]
export     exports one of [logs]
get        Gets one of [clusters, nodes, kubeconfig-path]
help       Help about any command
load       Loads images into nodes
version    prints the kind CLI version
```

Flags:

```
-h, --help          help for kind
--loglevel string   logrus log level [panic, fatal, error, warning, info, debug] (default "warning")
--version           version for kind
```

Use "kind [command] --help" for more information about a command.

## 1.4 More Resources

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<https://github.com/kubernetes/minikube/tree/master/docs>