Other Tools

Kubernetes contains several tools to help you work with the Kubernetes system.

crictl

`crictl` is a command-line interface for inspecting and debugging CRI-compatible container runtimes.

Dashboard

`Dashboard`, the web-based user interface of Kubernetes, allows you to deploy containerized applications to a Kubernetes cluster, troubleshoot them, and manage the cluster and its resources itself.

Helm

☐ This item links to a third party project or product that is not part of Kubernetes itself. More information

Helm is a tool for managing packages of pre-configured Kubernetes resources. These packages are known as *Helm charts*.

Use Helm to:

- Find and use popular software packaged as Kubernetes charts
- Share your own applications as Kubernetes charts
- Create reproducible builds of your Kubernetes applications
- Intelligently manage your Kubernetes manifest files
- Manage releases of Helm packages

Kompose

`Kompose` is a tool to help Docker Compose users move to Kubernetes.

Use Kompose to:

- Translate a Docker Compose file into Kubernetes objects
- Go from local Docker development to managing your application via Kubernetes
- Convert v1 or v2 Docker Compose `yaml` files or Distributed Application Bundles

Kui

`Kui` is a GUI tool that takes your normal `kubectl` command line requests and responds with graphics.

Kui takes the normal `kubectl` command line requests and responds with graphics. Instead of ASCII tables, Kui provides a GUI rendering with tables that you can sort.

Kui lets you:

- Directly click on long, auto-generated resource names instead of copying and pasting
- Type in `kubectl` commands and see them execute, even sometimes faster than `kubectl` itself
- Query a Job and see its execution rendered as a waterfall diagram
- Click through resources in your cluster using a tabbed UI

Minikube

`minikube` is a tool that runs a single-node Kubernetes cluster locally on your workstation for development and testing purposes.