

Podman and Kubernetes (OCI Containers with CRI)



Podman and Buildah

<https://www.opencontainers.org/>

CRI (Container Runtime Interface)

CNI (Container Network Interface)



OPEN CONTAINER
INITIATIVE

podman

Running containers/pods

<https://podman.io/>



podman

buildah

Building container images

<https://buildah.io/>



buildah



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Lightweight Kubernetes

Kubernetes is an open-source container orchestration system for automating deployment, scaling, and management of containerized applications.

<https://kubernetes.io>



cri-o

Lightweight container runtime for Kubernetes

<https://cri-o.io/>

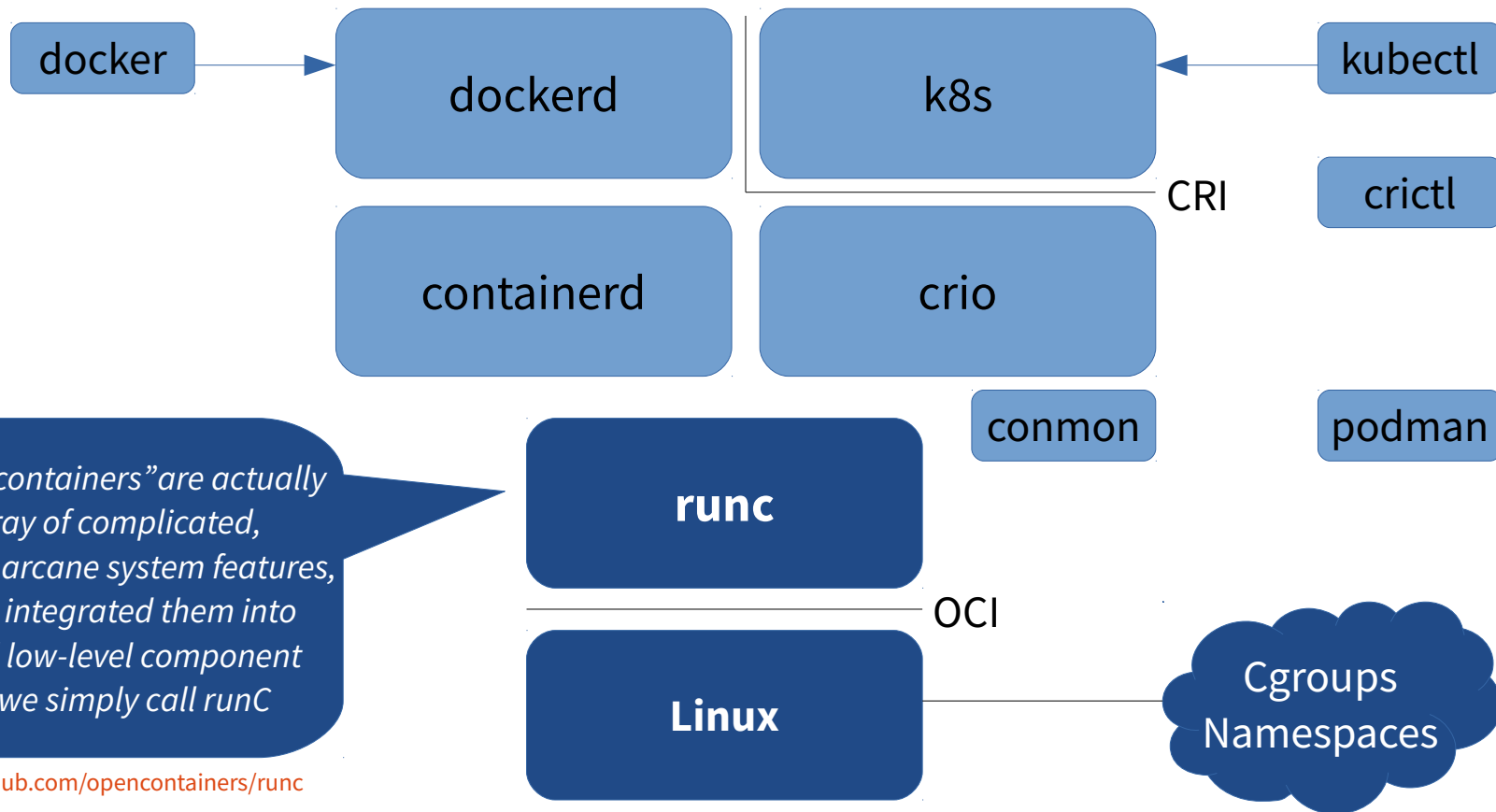
k3s

Lightweight Kubernetes. “5 less than k8s”

<https://k3s.io/>



Container Runtimes



Because “containers” are actually an array of complicated, sometimes arcane system features, we have integrated them into a unified low-level component which we simply call **runC**

<https://github.com/opencontainers/runc>



Demo - Boot2podman



Questions?

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For more info on boot2podman:
<https://boot2podman.github.io/>

