



# Container Plumbing Days 2023 Kickoff

Commentary on container usage and related technologies

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# Containers are ubiquitous

Non-traditional uses on the rise



## Automobiles

Collaboration with the auto industry has pushed change in the tooling.



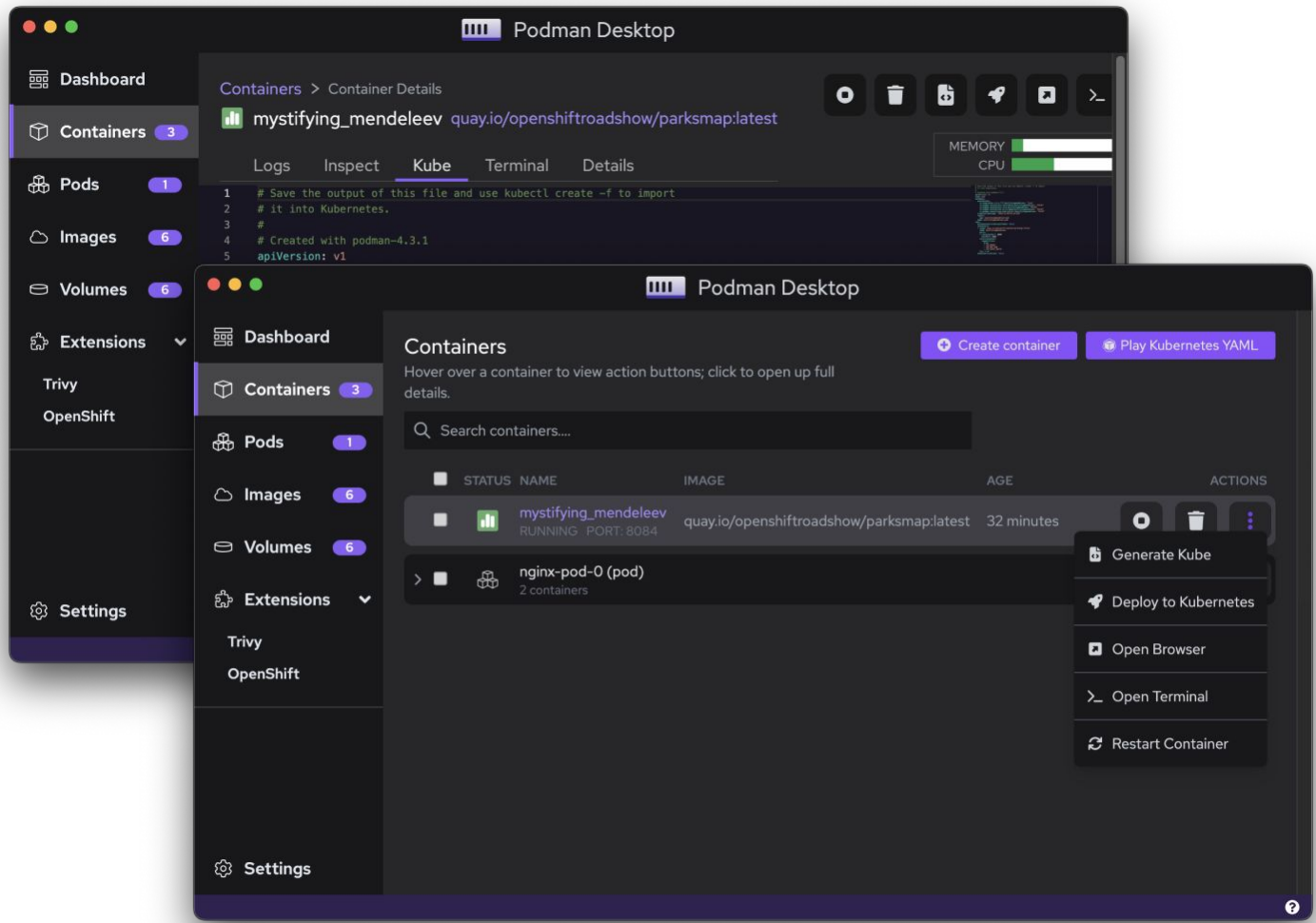
## Embedded

Containers have proven effective in embedded devices.



## Edge

Edge devices favor containers for reproducibility and advantages in distribution/rollback.



Desktop use inspires more innovation

Container use on the desktop has inspired innovation resulting in the realization of new use cases. New use cases have resulted in new technologies.

# Trends

## Future shifts for containers



### **Specialization**

Some use cases require specific tooling

### **Security focus**

New adopters will require more security control

### **OCI artifacts**

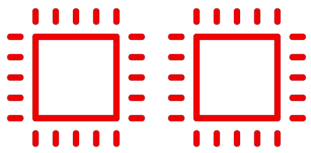
Container images are not just container images.

### **Kubernetes simplification**

Desktop and user focussed tooling demystifies K8s.

# Tearing the cover off containers

Known challenges already exist



## Multiarch image registries

Embracing desktop architectures at the very least.



## Secure supply chain

Provenance and trust need to be established and simplified.



## Image deduplication

Standardization of container images to reduce bandwidth and disk consumption.

# Thank you

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