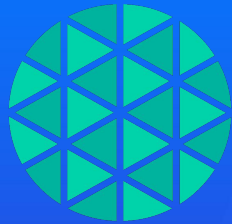


# Modding Docker Desktop with the Meshery Extension 🛠️



MESHERY





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Maintainer of Meshery, a CNCF Sandbox Project

Part-time open-sourcerer 🧙



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**/in/adiikris**



# Agenda

01

Docker &  
Kubernetes

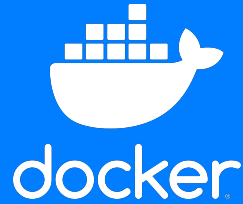
02

Docker  
Extensions

03

Meshery





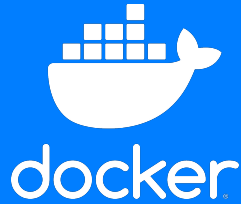
**Docker** is an open platform for developing, shipping, and running applications. **Docker** enables you to separate your applications from your infrastructure so you can deliver software quickly. With **Docker**, you can manage your infrastructure in the same ways you manage your applications.



**Kubernetes** is an open-source container-orchestration system for automating computer application deployment, scaling, and management. It was originally designed by Google and is now maintained by the **Cloud Native Computing Foundation**.



# Areas of Applications



- Deploy a machine learning model on **Docker**.
- Move my legacy apps to containers.
- When adopting to a microservices architecture.
- Make Apps Platform Independent.



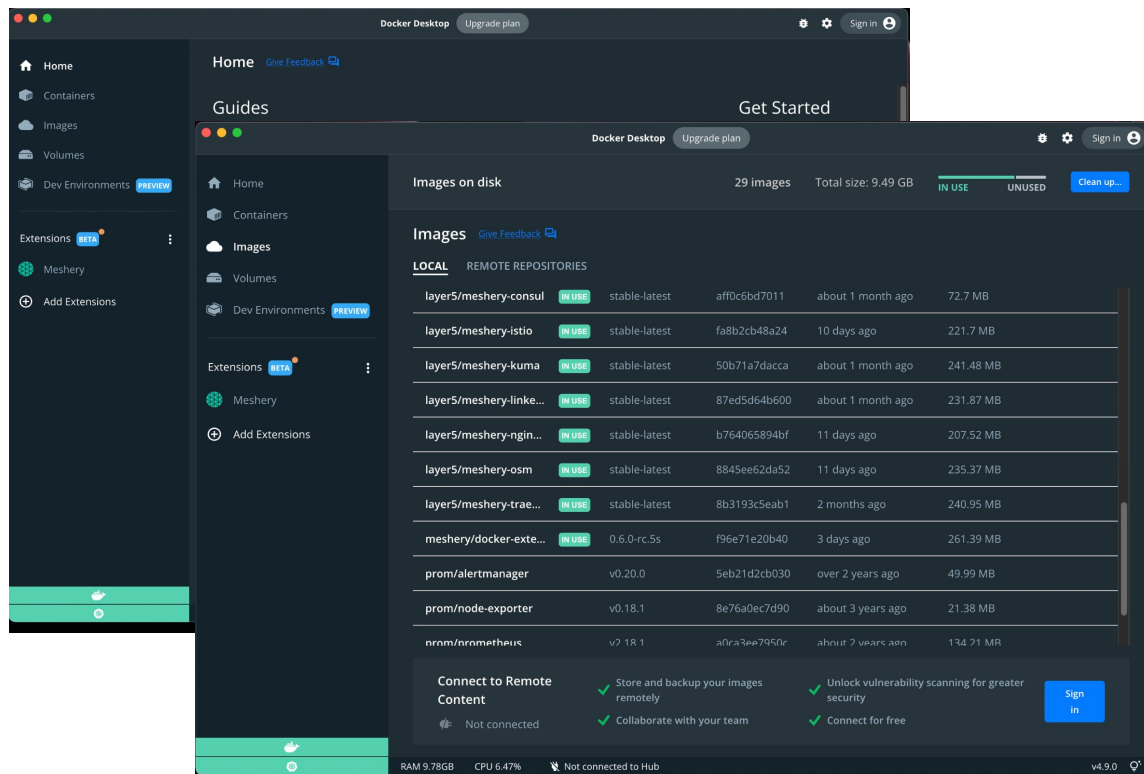
- Service discovery and load balancing
- Storage orchestration
- Automated rollouts and rollbacks.
- Automatic bin packing.
- Self-healing.
- Secret and configuration management.



# Docker Desktop: Kubernetes for Developers

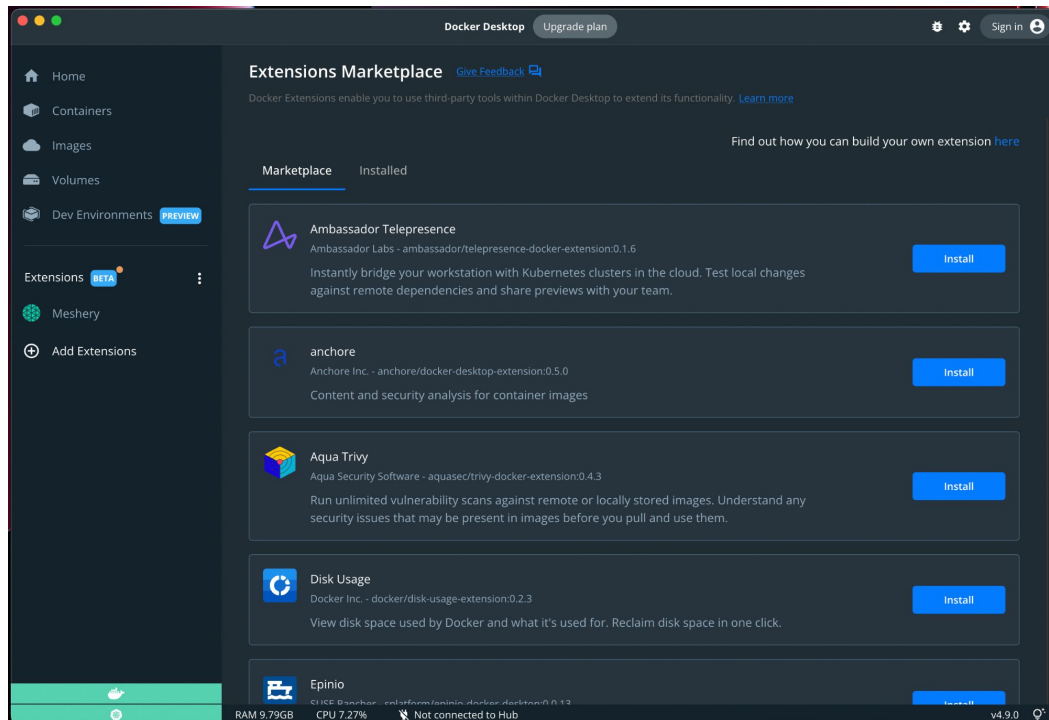
Docker Desktop helps you quickly and safely evaluate software so you can start secure and push with confidence

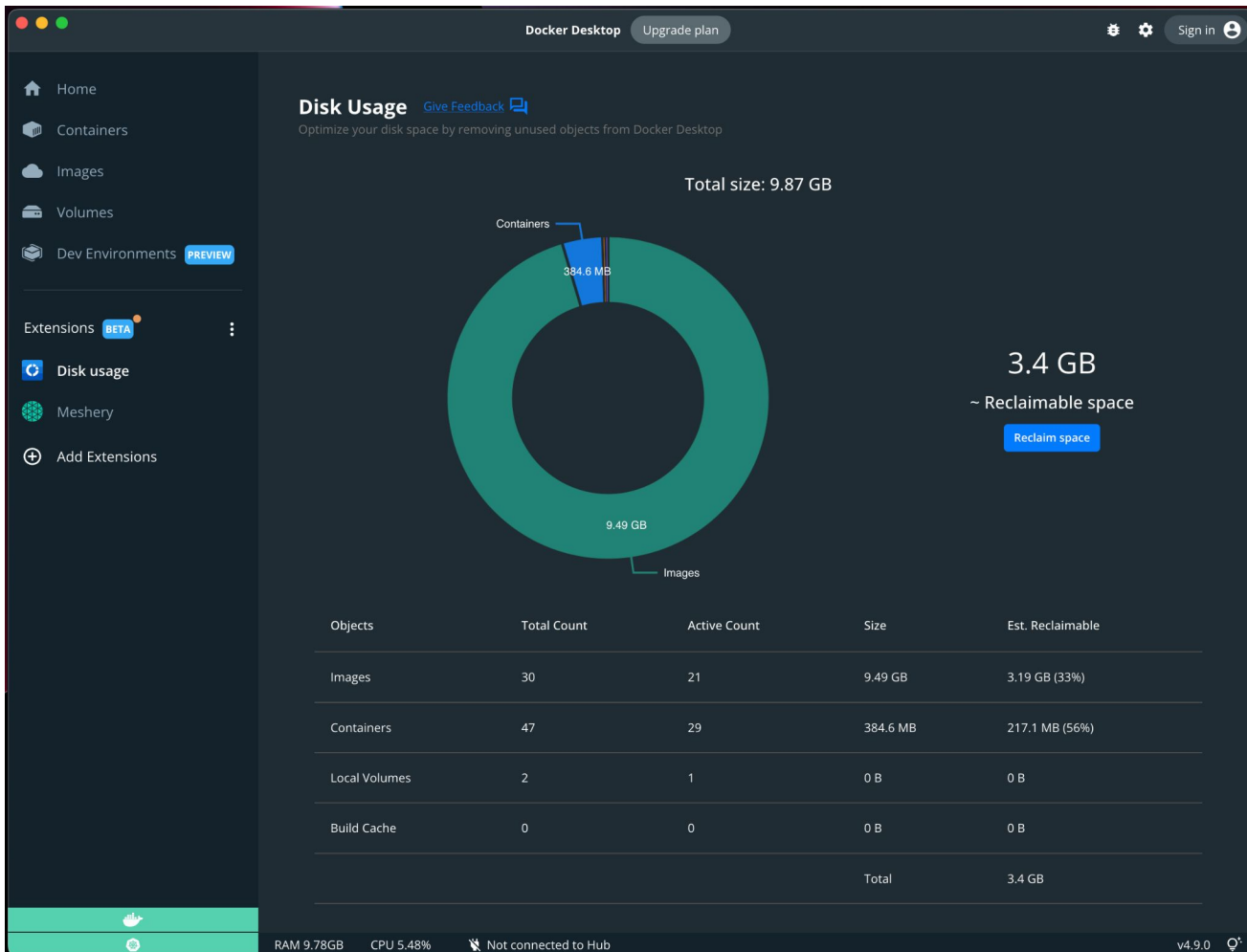
Nowadays, Developers need a simple way of creating and deploying apps on service meshes, which is where Docker Desktop comes in.



# Docker Extensions

- Extend Docker Desktop's capabilities by using different integrations of developer tools
- Optimize your application workflows by connecting to many pre-built developer tools for debugging, testing, networking, and security.



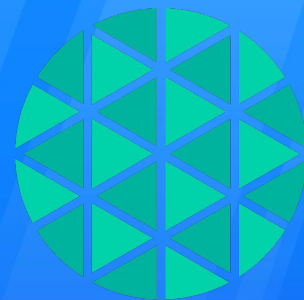


docker

Bangalore

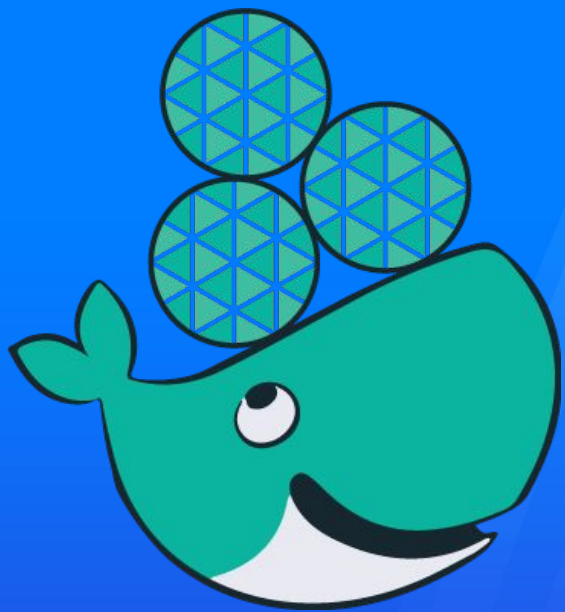


- Meshery is an open-source, cloud native management plane that enables the adoption, operation, and management of any service mesh and their workload.
- Meshery facilitates learning about functionality and performance of service meshes and incorporates the collection and display of metrics from applications running on or across service meshes.



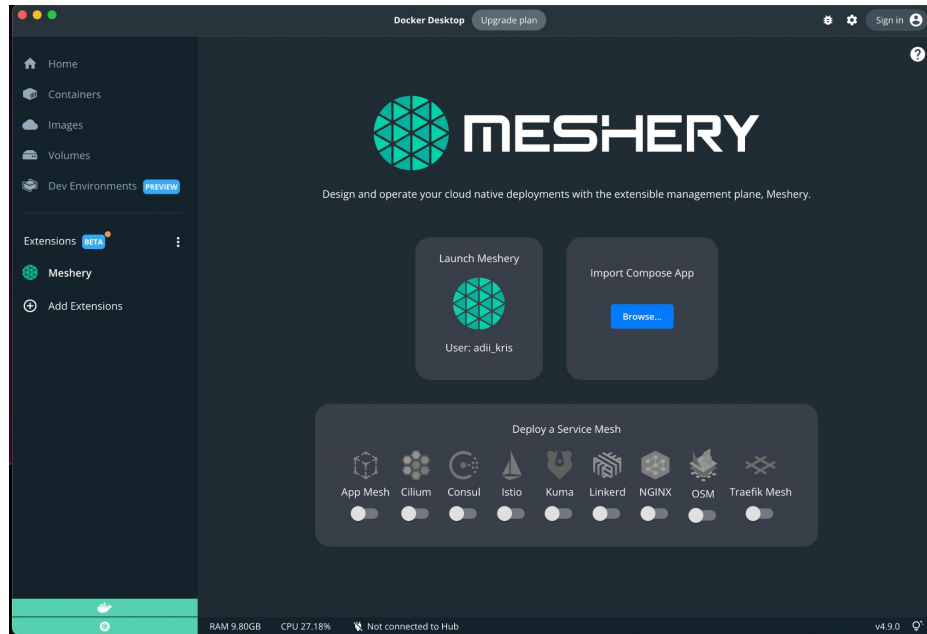
**MESHERY**





# Meshery Docker Extension

- Develop service-mesh ready apps with Docker Desktop and Meshery.
  - Service Mesh support for all your Docker compose apps.
  - Visual designer for docker compose apps.
  - Single click deployment of any service mesh



**Meshery Extension offers an easy button to go from Docker Compose to Kubernetes to Service Mesh.**

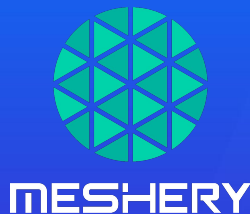


# Try the Docker Extension for Meshery!



[layer5.io/docker-extension-meshery](https://layer5.io/docker-extension-meshery)

LAYER5



# Join the Layer5 & Meshery Community



[slack.layer5.io](https://slack.layer5.io)

**LAYER5**





**Thank You :)**

