Mindluster Platform

About the course Containers

What is a container in coding? A container is a standard unit of software that packages up code and all its dependencies so the application runs quickly and reliably from one computing environment to another. ... Available for both Linux and Windows-based applications, containerized software will always run the same, regardless of the infrastructure.What is Kubernetes and Docker? A fundamental difference between Kubernetes and Docker is that Kubernetes is meant to run across a cluster while Docker runs on a single node. Kubernetes is more extensive than Docker Swarm and is meant to coordinate clusters of nodes at scale in production in an efficient manner.Is Kubernetes using Docker? As Kubernetes is a container orchestrator, it needs a container runtime in order to orchestrate. Kubernetes is most commonly used with Docker, but it can also be used with any container runtime. RunC, cri-o, containerd are other container runtimes that you can deploy with Kubernetes.Is Kubernetes dropping Docker? Kubernetes is Removing Docker Support, Kubernetes is Not Removing Docker Support. TL;DR: as of Kubernetes 1.20, support of the Docker container engine is deprecated, but users will still be able to use Docker container images and registries, as well as create containers that look identical at runtime.

Programming Category's Courses

Course Lesson(11)

Lesson 1 : **This Is How Docker Works The Fun Way**

Lesson 2 : **Docker All The Things**

Lesson 3 : **Replacing Docker With Podman**

Lesson 4 : **7 Tips and Tricks to Enjoying Your Kubernetes Journey**

Lesson 5 : **Independent Deployment of the Frontend with Docker and Kubernetes**

Lesson 6 : **How Containerized SQL Server Makes Development Easier**

Lesson 7 : **Docker For Novices**

Lesson 8 : **Attacking and Defending Kubernetes**

Lesson 9 : **Should You Use Kubernetes and Docker In Your Next Project**

Lesson 10 : **Optimizing Docker Builds for Python Applications**

Lesson 11 : **Killer Docker Workflows for Development**

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