

Docker Desktop

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Quick Docker introduction

- “It works on my machine”
 - Dependency management
 - Isolation
 - Portability
- Like virtual machines
- Containers and containerization are everywhere

Important concepts

- Image building using Dockerfile
- Docker tags, naming containers
- Docker compose, run containers using YAML files
- Docker networking, container communication
- DockerHub, everyday is Christmas when shopping for new images

Install Docker Desktop

- <https://docs.docker.com/desktop/>
- Requires WSL2 or Hyper-V (Windows only)
 - I used WSL2 with manual install steps
 - You don't have to install a Linux distribution from Windows store at the end
- Run the Docker Desktop installer!
- “docker container run hello-world”

Docker tutorial

- Google it!
- I can suggest, Jake Wright on YouTube
 - Learn Docker in 12 minutes - <https://youtu.be/YFI2mCHdv24>
 - Docker Compose in 12 minutes - <https://youtu.be/Qw9zIE3t8Ko>