





Docker House Keeping

Cleaning Up After Docker

Cleaning Up After Docker

- With Development Use Docker can leave behind a lot of files.
- These files will grow and consume a lot of disk space.
- This is less of an issue on production systems where containers aren't being built and restarted all the time.
- There are 3 key areas of house keeping:
 - Containers
 - Images
 - Volumes

Containers

Cleaning Up Containers

- Kill all Running Docker Containers
 - `docker kill $(docker ps -q)`
- Delete all Stopped Docker Containers
 - `docker rm $(docker ps -a -q)`

Images

Cleaning Up Images

- Remove a Docker Image
 - `docker rmi <image name>`
- Delete Untagged (dangling) Images
 - `docker rmi $(docker images -q -f dangling=true)`
- Delete All Images
 - `docker rmi $(docker images -q)`

Volumes

Cleaning Up Volumes

- Once a volume is no longer associated with a container, it is considered 'dangling'.
- Remove all dangling volumes
 - `docker volume rm $(docker volume ls -f dangling=true -q)`
- NOTE: Does not remove files from host system in shared volumes.

Further Help

- Google Docker Cheat Sheet for Spring Developers
- <https://springframework.guru/docker-cheat-sheet-for-spring-developers/>

