

Essential Docker Commands Cheat Sheet

Docker Image Management

docker build: This command is used to build a Docker image from a Docker file.

docker pull: Downloads a Docker image from a registry.

docker push: Uploads a Docker image to a registry.

docker rmi: Removes a Docker image.

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Docker Image Management

docker tag: Tags a Docker image with a name.

docker commit: Creates a new Docker image from changes made to a container.

docker save: Saves a Docker image as a tar archive.

docker load: Loads a Docker image from a tar archive.

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Docker Container Management

docker run: Creates a new Docker container from an image.

docker ps: Lists all running Docker containers.

docker stop: Stops a running Docker container.

docker start: Starts a stopped Docker container.

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Docker Container Management

docker exec: Executes a command in a running Docker container.

docker logs: Displays the logs of a running Docker container.

docker inspect: Displays detailed information about a Docker container or image.

docker pause: Pauses a running Docker container.

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Docker Container Management

docker unpause: Unpauses a paused Docker container.

docker wait: Waits for a Docker container to exit and displays its exit code.

docker restart: Restarts a running Docker container.

docker kill: Sends a signal to a Docker container to stop it immediately.

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Docker Container Management

docker update: Updates a Docker container's resource limits and configuration.

docker attach: Attaches to a running Docker container's console.

docker port: Displays the public-facing port of a Docker container.

docker diff: Displays the changes made to a Docker container's file system.

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Docker Container Management

docker stats: Displays real-time CPU, memory, and network usage of a Docker container.

Essential Docker Commands Cheat Sheet (cont)

docker top: Displays the running processes inside a Docker container.

docker run: Creates a new Docker container from an image.

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Docker Network Management

docker network: Manages Docker networks.

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Docker Volume Management

docker volume: Manages Docker volumes.

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Docker Registry Management

docker login: Logs in to a Docker registry.

docker logout: Logs out of a Docker registry.

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Docker Swarm Management

docker swarm: Manages Docker Swarm clusters.

docker node: Manages Docker Swarm nodes.

docker service: Manages Docker Swarm services.

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Docker Compose Management

docker-compose: Manages Docker Compose applications.

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Docker System Management

docker system: Manages Docker's disk usage and cleanup unused resources.

docker info: Displays system-wide information about Docker.

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Miscellaneous Docker Commands

docker events: Displays real-time events from Docker.

docker cp: Copies files or directories between a Docker container and the host.



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