Cheatography

devCodeCamp Docker Container Cmds Cheat Sheet

by Cash (CashM) via cheatography.com/123081/cs/30371/

Basic Docker commands

docker --help	Displays basic help options and commands
docker <command> --help	Display detailed help for a specific command
docker ps	List of live containers
docker ps -a	List of all containers
docker version	Display docker versioning

Container commands

docker run <image>	Builds a new container using the image
docker run [options] <image:tag@digest> <command> <arguments>	Full syntax of docker run command
docker create <image>:<tag>	Creates a container using the image
docker start <container>	Starts a container
docker stop <container>	Stops a running container in an orderly manner
docker kill <container>	Immediately stops a running container
docker restart <container>	Restarts a container
docker rm <container>	Removes a container

<container> can be replaced with the containers unique **ID** or unique **NAME**

Option Keywords

-i, --interactive	Keep STDIN open even if not attached
-t, --tty	Allocate a psuedo-TTY
-it	Combines the -i and the -t options (interactive response)
-a	attach
exec	Run a new command in a container

arguments

--name=<name>	Assigns a name to a container: *docker run --name=<name> <image>*
-a, --all	Adds the option of all to container list: *docker ps -a*
sh	Entrypoint command for a **shell** in a container: *docker run -it <image>* ***sh*** or *docker exec -it <container>* ***sh***

Miscellaneous Commands

docker exec -it <container> <entrypoint>	Executes the command or terminal of a running container

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