

## Docker Cheat sheet

Basic	docker version	Gives information about docker client and docker server/engine
	docker info	Gives detailed information about docker. E.g. containers, images, plugin etc.
	docker --help	Use in combination with other commands e.g. docker images --help
	docker login	Login to your docker hub account.
Images	docker images	List of all images we have
	docker pull	Pull image from docker hub
		docker pull jenkins
		docker pull mwinteringham/restfulbooker
	docker rmi	Remove one or more images
Container	docker images -q	Gives image ID
	docker ps -a	List all the containers
	docker run	To run the container. Image will be pulled from docker hub if not available locally.
	docker start	To start docker container, it takes container ID as argument.
	docker stop	To stop docker container, it takes container ID as argument.
System	docker stats	Provides details on running container, memory usage etc
	docker system df	To check disk usage of docker
	docker system prune	Remove unused data. Be careful when using this command.

## Jenkins for Docker

<code>docker pull jenkins</code>	Pulls latest Jenkins image from docker hub. We don't have container at this stage
<code>docker volume create myjenkins</code>	Create a volume. It's better to use volume mount instead of physical location
<code>docker run --name MyJenkins -p 8080:8080 -p 50000:5000 -v myjenkins:/var/Jenkins_home Jenkins</code>  Go to: localhost:8080 Jenkins is up and running	MyJenkins – name of container myjenkins – volume  It's easy to share between containers when using volume
<code>docker exec jenkins-master cat /var/jenkins_home/secrets/initialAdminPassword</code>	Admin password