Cheatography

Docker Cheat Sheet

by Cam (clucinvt) via cheatography.com/55263/cs/15376/

Cheatsheet version

Version	1.0.0
Last update	4/7/2018
Docker version	Docker-CE v18

Run containers

Search Docker Hub for an image	docker search
Pull an image	docker pull
Run an image	docker run
Run (as daemon)	docker run -d
Run (and open port)	docker run -p 80:80
List running containers	docker ps
Stop a container	docker stop

Resource constraint

Max memory (units: b,k,m,g)	-m 300m
Memory swap	--memory-swap="1g"
CPU	--cpus="1.5"

Docker compose

```
Sample docker-compose.yml file:
version: " 3"
services:
    gla ssfish:
        image: glassfish
        con tai ner _name: glassfish
        ports:
           - " 808 0:8 080 "
           - " 484 8:4 848 "
        deploy:
            res ources:
                limits:
                    cpus: '1'
                    memory: 4G
        std in_ open: true
       tty: true
Connect to container:
docker -co mpose exec glassfish sh
```

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