

Docker Containers Essentials

Basic Command line- Running a Container

```
Docker run <image_name> [Options]
```

Foreground blocking [No Option]

Foreground interactive:

- [**-i**] Keep STDIN open even if not attached
- [**-t**] Allocate a pseudo-tty

Background Options (detached)

- [**-d**] Run container in background and print container ID

```
Docker ps [Options]
```

No Option: only Active Containers

[**-a**] All Containers even the paused or exited state

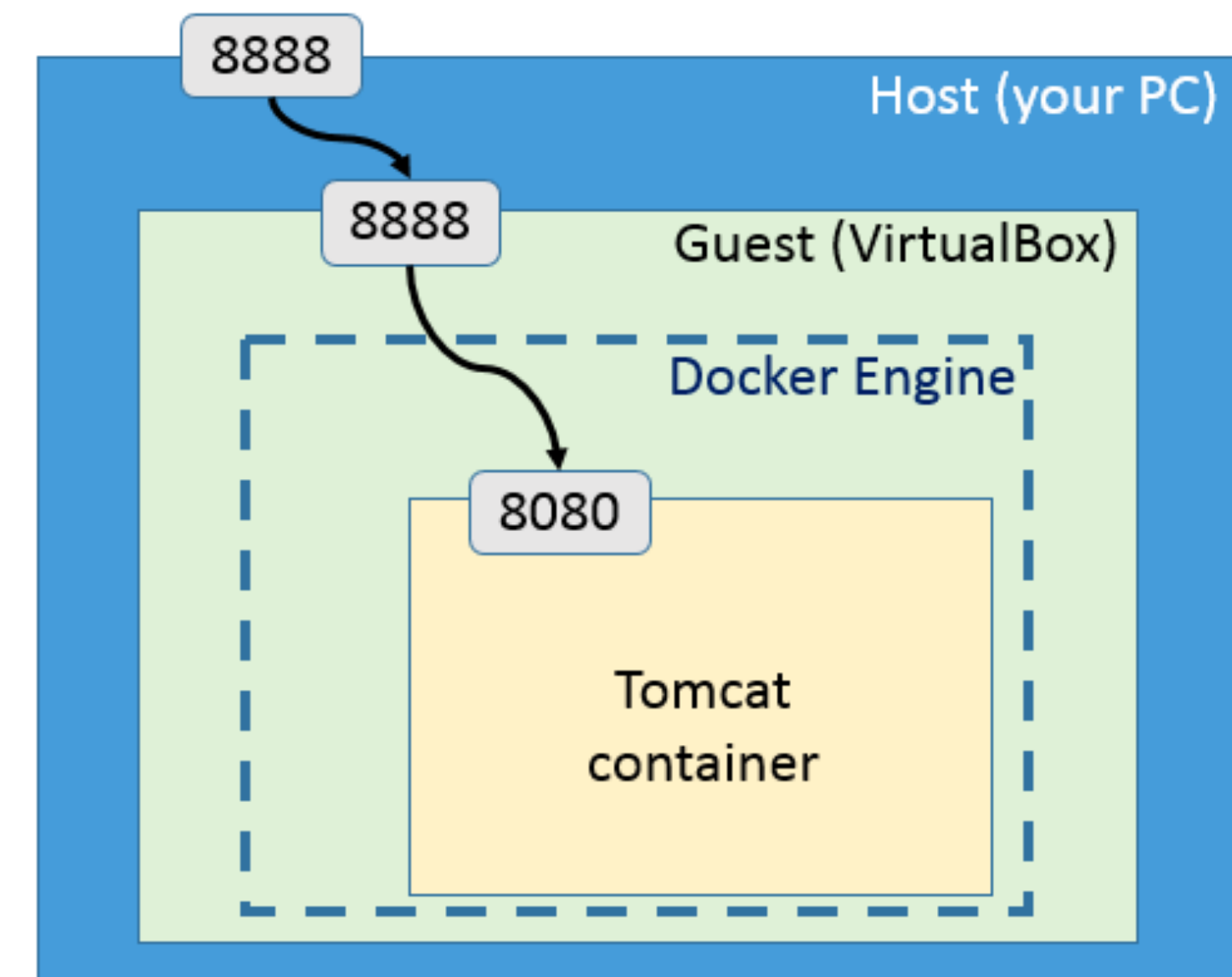
Docker Containers Essentials

Basic Command line- Running a Container - Exposing a port

```
Docker run -p <outside>:<inside> <image_name> [Options]
```

[**-p**] Option allow the container to be access externally by mapping **outside** Host port to **inside** container service such as:

8888:8080 allocate **host** 8888 two port to redirected to **container** tcp 8080 port.



Source: stackoverflow