

Container Running	Container Management Commands	Management
Run a new container	List containers	What version
<code>docker container run [options] IMAGE[:TAG] [COMMAND]</code>	<code>docker container ls</code>	<code>docker version</code>
Options	<code>docker ps old command</code>	Configuration values for the docker engine
<code>--rm</code>	Create a container	<code>docker info</code>
	<code>docker container create [OPTIONS] IMAGE</code>	List of all commands
	Remove a container	<code>docker</code>
<code>--name</code>	<code>docker container rm</code>	
	<code>-f</code> force removal of running container	
<code>-e</code>	Remove all stopped containers	
	<code>docker container prune</code>	
<code>-p</code>	List processes in specific container	
	<code>docker container top [container]</code>	
	Show logs on specific container	
	<code>docker container logs [container]</code>	
<code>--network</code>	List docker container commands	
	<code>docker container</code>	
<code>--net-alias</code>		
<code>-d</code>		
<code>-it</code>		
<code>-v=[host-src:]container-dest[:<optio ns>]</code>		
<code>-v \$(pwd) :/app</code>		
Start an existing Container		
<code>docker container start [container]</code>		
<code>-a attach</code>		
<code>-i interactive</code>		
Stop a running container		
<code>docker container stop [container]</code>		
Kill a running container		
<code>docker container kill [container]</code>		



Docker File - image recipes

Set the base image for further instructions

```
FROM <image>[:<tag>]
```

Set environment variables

```
ENV <key>=<value>
```

Set instruction to execute

```
RUN <command> [& & <command>]
```

Set the ports that the container listens on

```
EXPOSE <port> [<port>/<protocol>...]
```

Default command for executing container

```
CMD ["executable", "param1", "param2 -"]
```

Working directory changed for later instructions

```
WORKDIR /path/to/workdir
```

Copy files

```
COPY [--chown=<user>:<group>] <src>...  
<dest>
```

Docker Volume

Where does the container keep the volume?

```
docker container inspect [options] CONTAINER
```

Detailed information on one or more volume

```
docker volume inspect [OPTIONS] VOLUME
```

List volumes

```
docker volume ls [OPTIONS]
```

Remove all unused local volumes

```
docker volume prune
```

Docker Compose

Start system

```
docker -compose up
```

```
--build - rebuild container
```

```
-d detach/launch in background
```

Stop and Remove system

```
docker -compose down
```

List containers

```
docker -compose ps
```

