🐳Docker Command Cheat Sheet with Explanations

This file includes all essential Docker and Docker Compose commands with explanations — ideal for beginners and professionals.

🦏Image Commands

🦗List all Docker images:

```
docker images
```

Shows a list of downloaded Docker images.

🪐Remove Docker image:

```
docker rmi <image_id_or_name>
```

Deletes a Docker image from your system.

🦠Container Commands

🌳Run a Docker container:

```
docker run -d -p <host_port>:<container_port> <image_name>
```
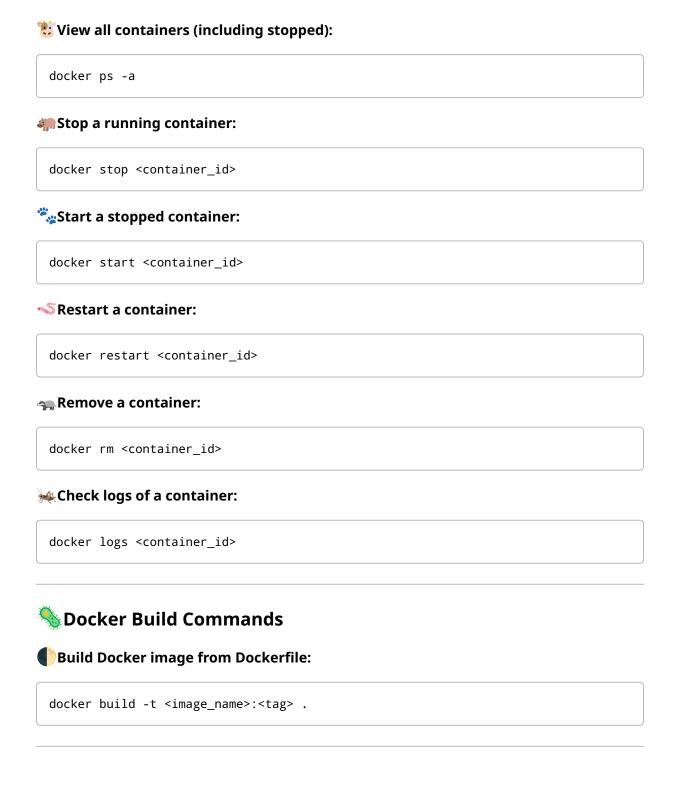
Starts a new container in detached mode and maps host port to container port.

🙍View running containers:

```
docker ps
```

Displays all currently running containers.

🦒 View all containers (including stopped):

```
docker ps -a
```

🦛 Stop a running container:

```
docker stop <container_id>
```

🐾 Start a stopped container:

```
docker start <container_id>
```

🪱 Restart a container:

```
docker restart <container_id>
```

🦡 Remove a container:

```
docker rm <container_id>
```

🦗 Check logs of a container:

```
docker logs <container_id>
```

🦠 Docker Build Commands

🌓 Build Docker image from Dockerfile:

```
docker build -t <image_name>:<tag> .
```

🕊️Volume Commands

List volumes:

```
docker volume ls
```

Create volume:

```
docker volume create <volume_name>
```

Remove volume:

```
docker volume rm <volume_name>
```

Network Commands

List networks:

```
docker network ls
```

Create network:

```
docker network create <network_name>
```

Remove network:

```
docker network rm <network_name>
```

🍂Docker Compose Commands

🌳Start all services:

```
docker compose up
```

🌳 Start in background:

```
docker compose up -d
```

🐗 Stop and remove all services:

```
docker compose down
```

🪻 Restart services:

```
docker compose restart
```

🏔️ Cleanup Commands

Remove all stopped containers:

```
docker container prune
```

Remove all unused images:

```
docker image prune
```

Remove unused volumes:

```
docker volume prune
```

Remove unused networks:

```
docker network prune
```

Remove all (containers, volumes, networks, images):

```
docker system prune -a
```

🐳Docker Info

Check Docker version:

```
docker --version
```

Check Docker Compose version:

```
docker compose version
```

General Docker info:

```
docker info
```

Let me know if you want this as a `.txt` or `.pdf` downloadable file!