

# HelixHarbor Docker Installation Guide

This guide provides instructions to download, run, and update the HelixHarbor Docker container.

## Prerequisites

- Ensure Docker is installed on your system. If not, follow the official Docker installation guide.

## Download and Run Docker Container

1. Pull the latest version of the Docker image:

```
docker pull mmofity/helixharbor:versionx.x
```

This command downloads the latest version of the image from Docker Hub.

2. Run the Docker container with the following command:

```
docker run --restart=always -d -p 5005:5005 mmofity/helixharbor:versionx.x
```

This command does the following:

- **--restart=always**: Ensures the container restarts automatically if it crashes or if the Docker daemon restarts.
- **-d**: Runs the container in detached mode.
- **-p 5005:5005**: Maps port 5005 on your host to port 5005 in the container.
- **mmofity/helixharbor:versionx.x**: Specifies the 'x.x' version of the Docker image to use.

3. Verify that the container is running:

```
docker ps
```

You should see an entry for the `mmofity/helixharbor:latest` container in the output.

## Update to the Latest Version

1. Pull the latest version of the Docker image:

```
docker pull mmofity/helixharbor:latest
```

2. List the running containers to find the container ID:

```
docker ps
```

Note the container ID for the currently running `mmofity/helixharbor` container.

3. Stop and remove the existing container:

```
docker stop <container_id> && docker rm <container_id>
```

Replace `<container_id>` with the actual container ID you obtained from the previous step.

4. Run the updated Docker container:

```
docker run --restart=always -d -p 5005:5005 mmofly/helixharbor:latest
```

5. Verify that the updated container is running:

```
docker ps
```

You should see an entry for the `mmofly/helixharbor:latest` container in the output.

## Additional Tips

- **Check Logs:** If you encounter any issues, you can check the container logs with:

```
docker logs <container_id>
```

- **Stop Container:** To stop the running container:

```
docker stop <container_id>
```

- **Remove Container:** To remove a stopped container:

```
docker rm <container_id>
```

- **List All Containers:** To see all containers (running and stopped):

```
docker ps -a
```

- **Remove Unused Images:** To free up space by removing unused Docker images:

```
docker image prune -a
```