Updating an xUML Service Image

If you have an xUML service running in a dedicated Docker container, you may want to update

- the included xUML service repository to a newer version of the service
- the xUML Runtime with the latest xUML Service Docker image

On this Page:

Related Pages:

- Installing an xUML Service Image

Updating the Repository

Step 1: Configure the Update Settings

1. Go to the folder where you have stored your **docker-compose.yml** file.
2. **Exchange the repository file** with a newer one.

> Check, whether this folder still contains
>
> - the Dockerfile that comes with the xUML Service Docker image
> - a valid xUML license

Step 2: Build the new Service Image

Build the dedicated xUML service image with

```
docker-compose build
```

> You can use this step to change other configuration values. Edit the **docker-compose.yml** if you want to change anything.

Step 3: Restart the Container

1. Drop the old container:

   ```
   docker-compose down
   ```

   > Dropping the service container also means deleting all local service data (as already mentioned in Installing a Single xUML Service Using Docker).

2. **Start the container** by running the following command:

   ```
   docker-compose up
   ```

   To run the container in the background, use:

   ```
   docker-compose up -d
   ```

Updating the xUML Runtime

Step 1: Extract the Software

Load the xUML Service Docker image with

```
docker image load -i xuml-<version>.tar
```

Step 2: Configure the Installation Settings

1. Go to the folder where you have stored your **docker-compose.yml** file.
2. **Change the xUML Runtime image version** to match the version of the image you want to install.

Line	Setting	Description	Example
8	`XUML_IMAGE`	Specify the name of the Docker image you have loaded in step 1.	`'xuml: 2020.7'`

> You can use this step to change other configuration values or update the service repository (see Updating the Repository).

Step 3: Build the Service Image

Build the dedicated xUML service image with

```
docker-compose build
```

Step 4: Restart the Container

1. Drop the old container:

   ```
   docker-compose down
   ```

   > Dropping the service container also means deleting all local service data (as already mentioned in Installing a Single xUML Service Using Docker).

2. **Start the container** by running the following command:

   ```
   docker-compose up
   ```

   To run the container in the background, use:

   ```
   docker-compose up -d
   ```

Perform Some Clean-up

Old images will stay loaded to your Docker installation. From time to time you should clean-up unused and old Docker images using:

```
docker image rm xuml:<old version>
```