

## Setup:Installation Guide/Docker/Update

A [quality version](#) of this page, [approved](#) on *31 January 2020*, was based off this revision.

### Introduction

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- Edition: BlueSpice free, distributed on Docker Hub as a Docker image.
- The current 3.1.2 release has no automatic upgrade feature. The automatic upgrade feature will be included at BlueSpice 3.1.3.
- This document covers the manual upgrade process and how to fix some known issues.

### Spinning up a new container with old data

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We assume you have a BlueSpice installation from Docker Hub. Also, this installation should have been done with external data volume.

Example:

```
docker run -d -p 80:80 -v {/my/data/folder}:/data bluespice/bluespice-free
```

1. Back-up your current data folder:

```
sudo cp -Rf /my/data/folder /my/data/current
```

2. Stop your current BlueSpice-free container:

```
docker container stop $your_container_id_or_name
```

3. Remove the container (optional):

```
docker container rm $your_container_id_or_name
```

4. Fetch the new container image:

```
docker pull bluespice/bluespice-free:latest
```

5. Create a new data folder for the new installation:

```
mkdir /my/data/new
```

6. Create a fresh container with the new image:

```
docker run -d -p 80:80 -v {/my/data/new}:/data bluespice/bluespice-free
```

7. When the container boots up, you have an empty wiki. Stop the newly created docker and move back your old backup to the new instance:

```
docker container stop $new_container_name_or_id
```

8. Remove the content of the new container:

```
sudo rm -Rf /my/data/new/*
```

9. Move the backup into /my/data/new:

```
sudo cp -Rf /my/data/current/* /my/data/new/
```

10. Start the newly created container:

```
docker container start $new_container_name_or_id
```

Now, your new container with your old data is up.

But you still have to run some maintenance scripts as well as some fixes:

```
sudo docker exec $new_container_name_or_id chown -Rf mysql:mysql /data/mysql
sudo docker exec $new_container_name_or_id /etc/init.d/mysql restart
sudo docker exec $new_container_name_or_id /opt/docker/setwikiperm.sh /data/www
/bluespice/w
sudo docker exec $new_container_name_or_id /usr/bin/php /data/www/bluespice/w
/maintenance/update.php --quick
sudo docker exec $new_container_name_or_id /usr/bin/php /data/www/bluespice/w
/maintenance/rebuildall.php --quick
sudo docker exec $new_container_name_or_id /usr/bin/php /data/www/bluespice/w
/extensions/BlueSpiceExtendedSearch/maintenance/initBackends.php --quick
sudo docker exec $new_container_name_or_id /usr/bin/php /data/www/bluespice/w
/extensions/BlueSpiceExtendedSearch/maintenance/rebuildIndex.php
sudo docker exec $new_container_name_or_id /usr/bin/php /data/www/bluespice/w
/maintenance/runJobs.php
```

## Fixing the broken search

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The following commands fix the BlueSpiceExtendedSearch indexes:

```
sudo docker exec $container_name_or_id /opt/docker/setwikiperms.sh /data/www/bluespice/w
sudo docker exec $container_name_or_id /usr/bin/php /data/www/bluespice/w/maintenance
/update.php --quick
sudo docker exec $container_name_or_id /usr/bin/php /data/www/bluespice/w/maintenance
/rebuildall.php --quick
sudo docker exec $container_name_or_id /usr/bin/php /data/www/bluespice/w/extensions
/BlueSpiceExtendedSearch/maintenance/initBackends.php --quick
sudo docker exec $container_name_or_id /usr/bin/php /data/www/bluespice/w/extensions
/BlueSpiceExtendedSearch/maintenance/rebuildIndex.php
su
```