Setup:Installation Guide/Docker/Docker Hub

A quality version of this page, approved on *5 July 2021*, was based off this revision.

The easiest way to run BlueSpice free is to install it with an all-in-one Docker image. All required services are preconfigured.

You can find all necessary information directly on Docker Hub.

How to use the Docker Hub image

Basic usage

Example for quick start. Blue Spice will be accessible only in localhost.

```
docker run -d -p 80:80 bluespice/bluespice-free
```

Keep your data outside of the docker

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

Setting BlueSpice language and URL

```
docker run -d -p 80:80 -v {/my/data/folder}:/data -e "bs_lang=en" -e "bs_url=http://www
.domain.com" bluespice/bluespice-free
```

Activating SSL

Using SSL inside the Blue Spice docker image, the `data` directory should be outside of the docker. Create a folder named `cert` inside your data folder. Inside this folder, certificates must be named like:

- `ssl.cert` (SSL certificate. *mandatory*)
- `ssl.key` (Private key of `ssl.cert` . *mandatory*)
- `ssl.ca` (3rd party CA certs for `ssl.cert` . *optional*) If everything is ready for the first run, just run the following command:

```
docker run -d -p 80:80 -p 443:443 -v {/my/data/folder}:/data -e "bs_lang=en" -e "bs_url
=https://www.domain.com" bluespice/bluespice-free
```

Note: Port 443 includes the command and also `$bs_url` *schema changed to* `https`

Login to BlueSpice

```
username: WikiSysop
password: PleaseChangeMe
```

Which services are runnning?

- Apache
- PHP-FPM
- Jetty9
- Elasticsearch
- MySQL/MariaDB
- Parsoid
- crond
- memcached

Manually updating the Docker image

BlueSpice 3.1.2 has no automatic upgrade feature.

See: Manual upgrade process and how to fix some known issues.