Contents

Setup:Installation Manual/Optimization/Time Zone

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Contents

Even if every user can change his time zone himself in the user settings, BlueSpice sets the default time zone "Europe/Berlin" when the user first logs in. This document describes how to change this if necessary.

Tips for this Document

- Please, read this manual completely and work through the single installation steps one after another.
- For editing the configuration files with a text editor, the files must be saved in UTF-8 coding without BOM (Byte Order Mark).
- The placeholder `<installpath-bluespice>` stands for the path to your BlueSpice installation, e.g `C:\inetpub\wwwroot\bluespice` (Windows regarding the documentation "Folder structure under Windows") or `/var/www/bluespice` (Linux).
- The placeholder `<tomcat-webapps>` stands for the path to the webapps directory of your Tomcat server, e.g `C:\Program Files\Apache Software Foundation\Tomcat 8.5\webapps` (Windows) or `/var/lib/tomcat8/webapps` (Linux).

Changing the Time Zone

Copy the file `<installpath-bluespice>`/settings.d/001-DefaultSettings.php to `<installpath-bluespice>`/settings.d/001-DefaultSettings.local.php and open it. In delivery stat, you can find these two lines there:

```
$wgLocaltimezone = 'Europe/Berlin';
$wgDefaultUserOptions['timecorrection'] = 'ZoneInfo|' . (date("I") ? 120 : 60) .
'|Europe/Berlin';
```

Replace "Europe / Berlin" with your time zone. An overview of all possible time zones can be found in the official PHP documentation.
Save and close the file.

Folder structure under Windows

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> ### Contents
>

Preface

Microsoft Windows distributes program installations and configurations, the Webroot under IIS etc. to various folders in the file system. Since BlueSpice is a web application based on PHP, it is not always easy to use the Windows default system paths in the application.

For this reason, we recommend creating your own folder structure for BlueSpice, all related data and additional program installations.

In the following we describe a proven folder structure. This is recommended by us.

Folder structure

In the following, "\bluespice\" is defined as the base directory for the installation in the root directory of the drive (e.g. C:\bluespice or D:\bluespice).

The folder structure is based on Unix operating systems:

```
bluespice/

├─ backup/           # for backups

├─ bin/              # for additional programs and own scripts

├─ etc/              # for configuration files

├─ opt/
│  └─ bluespice/
│     ├─ cache/         # BlueSpice cache
│     ├─ images/        # File uploads
│     └─ widgets/       # Rendered widgets

├─ tmp/              # Temporary files

└─ var/
   ├─ log/           # LOG files of the web server
   └─ www/           # Actual BlueSpice application
```

Folder names for program installations

When installing programs in \bluespice\, please make sure to install these programs in subfolders that do not contain special characters and/or spaces.