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BlueSpice free Download

Download options

BlueSpice free is available at the following websites:

- [BlueSpice homepage](#): BlueSpice free is downloaded as Installer which includes a MediaWiki 1.35.
- [Sourceforge](#) (Downloads also for previous BlueSpice free versions)

Before using the Installer

For a successful installation with the BlueSpice free Installer, it is important to review the system requirements and to configure the server environment. We have prepared detailed instructions for preparing your system:

1. [BlueSpice system requirements](#)
2. Blue Spice system preparation
 1. Windows (currently being revised)
 2. [Linux](#)

To make your BlueSpice setup as easy as possible, we provide installation instructions for installing BlueSpice with Installer. These can be found in our [Installation Guide](#).

Setup:Installation Guide

Note: For general questions regarding the installation, maintenance, and usage of BlueSpice free, go to our [community forum](#).

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Introduction

We are happy that you decided to install the latest version of BlueSpice 4.

Please follow these steps:

1. [Check the system requirements](#)
2. [Prepare the server environment](#)
3. [Install the BlueSpice application](#)
4. [Optimize the configuration](#)

Check the system requirements

- [System requirements](#)

Prepare the server environment

- [Linux server environment](#)
- [Windows server environment](#)

Install the BlueSpice application

Please select which installation type you need:

- [Full BlueSpice installation](#)
 - Extended Functions: [VisualEditor](#), [ExtendedSearch](#)
- [BlueSpice WikiFarm installation](#)
- [Docker image](#)

Upgrade and patch updates

- [Patch update from BlueSpice 4.2.x to a higher version 4.2.x+n](#)
- [Upgrade from BlueSpice 3.2.x to BlueSpice 4.2.x](#)

Migration from MediaWiki to BlueSpice

- [Migration from MediaWiki to BlueSpice](#)

Optimize the configuration

If you don't need to set up a server environment "from scratch", you can directly refer to the setup instructions for individual system components. Just make sure that you really have everything configured as needed:

Webservices for Apache Tomcat

- [Drawio](#)
- [Mathoid](#)
- [PDF-Export](#)

Additional settings and optimizations

- [Caching](#)
- [Cronjobs](#)
- [Time Zone](#)

Security settings

- [File System Permissions](#)
- [Save Directories](#)

Compendium

- [Backup](#)
- [Configuration Folder settings.d](#)
- [ExtendedSearch Configuration](#)
- [Folder structure under Windows](#)
- [Maintenance scripts](#)
- [Maintenance scripts/batchStabilize](#)
- [Maintenance scripts/dumpPDF](#)
- [Maintenance scripts/executeTransfer](#)
- [Maintenance scripts/export](#)
- [Performance Optimization](#)
- [Performance Optimization/ManualRecache](#)
- [Performance Optimization/MySQL](#)
- [Performance Optimization/PHP](#)
- [VisualEditor Configuration](#)
- [Windows Folder Structure](#)

Setup:Installation Guide/System Preparation/Linux

- - [Introduction](#)
 - [Apache and PHP](#)
 - [MariaDB](#)
 - [Jetty](#)
 - [OpenSearch \(from BlueSpice 4.4\) / Elasticsearch \(up to BlueSpice 4.3\)](#)
 - [Python](#)
 - [Memcached](#)
 - [Mathoid \(BlueSpice pro only\)](#)
 - [PhantomJS \(BlueSpice pro only\)](#)

Setup: System requirements

For a trouble-free installation of the current version of BlueSpice 4, we recommend the following system requirements.

Browser

- Microsoft Edge
- Google Chrome
- Firefox

Server Environment

- **Operating system:**
 - We strongly recommend Linux (preferably Debian 11, Ubuntu 22.04, CentOS 7)
 - You might use Windows Server starting at 2016, but we have seen performance issues on Windows Server
- **Webserver:**
 - Apache 2.4.x, IIS >= 10 *or* nginx 1.x (*nginx not possible in WikiFarm*)
- **PHP:**
 - PHP 8.1 / PHP 8.2
- **Database:**
 - MySQL: >= 5.6 *or*
 - MariaDB >= 10.3
- **(Virtual) hardware requirements:**
 - **CPU:**
 - **Linux: 8 Cores** (min. 4 Cores)
 - Windows: 16 Cores (min. 8 Cores)
 - **Main memory:**
 - **Linux: 16 GB** (min. 8GB)
 - Windows: min. 16 GB
 - **Available hard drive space:**
 - > 20 GB (depends on the planned storage of data)
- **Other:**
 - Apache Tomcat >= 9 *oder* Jetty >= 9 (for PDF export and LaTeXRenderer)
 - Elasticsearch 6.8 with plugin "ingest-attachment"
 - OpenJDK >= 10
 - NodeJS 16