Contents

1. Setup:Installation Guide/System Preparation/Windows/PhantomJS 2
2. Setup:Installation Guide/With Installer 4

Setup:Installation Guide/System Preparation/Windows /PhantomJS

A quality version of this page, approved on *12 October 2020*, was based off this revision.

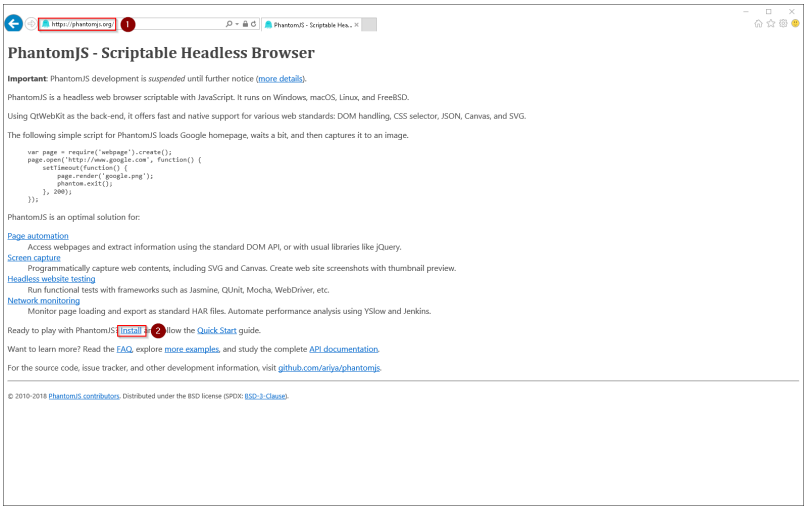
Contents

1 DownloadS 3
2 Installing PhantomJS 4
3 Configuring BlueSpice 4
4 Finishing the system preparation 4

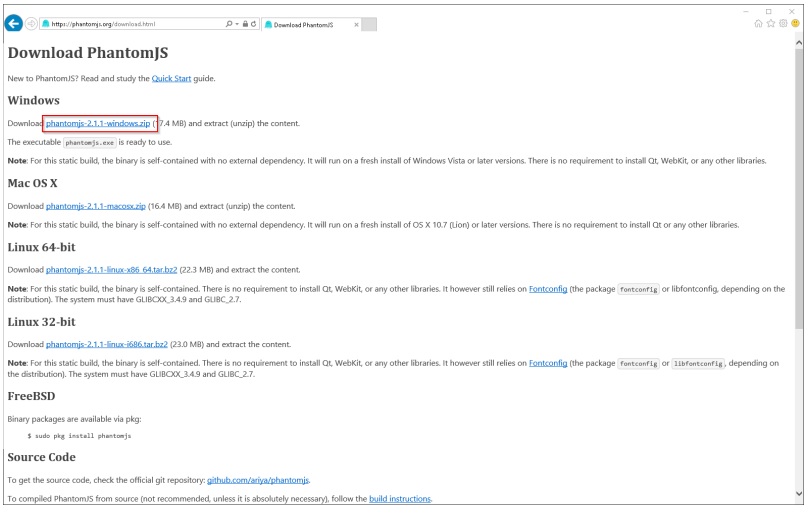
PhantomJS is a so-called headless browser that can render screenshots of web pages. This is required for the web page preview in Advanced Search and the Recent Changes Overview in your BlueSpice installation. These are functionalities of BlueSpice pro. For this purpose, the steps listed here are reqired for BlueSpice pro.

DownloadS

In Internet Explorer, open the official website of the project (1). Click "Install" (2).



Download the appropriate ZIP archive for Windows.



Please note that the download on your Windows Server with Internet Explorer will only work if you have configured the Internet Explorer Advanced Security Settings in the Server Manager. Please refer to the technical documentation from Microsoft.

In this guide, we use PhantomJS version 2.1.1 as an example. You can download the latest version at the time of installation.

Installing PhantomJS

PhantomJS does not need to go through a setup process. Unpack the downloaded ZIP archive. In the folder `phantomjs-3.1.1-windows\bin` you will find the executable file `phantomjs.exe`.

Simply move tit to `C:\bluespice\bin` .

{{Template:Hint|text=This guide is based on the folder structure recommended by us [[Setup: Installation Guide/Advanced/Windows Folder Structure|recommended by us]. For this reason, the default path to the folder C:\bluespice\bin is set here. If you have other requirements, you must adapt these paths accordingly.}}

Configuring BlueSpice

BlueSpice must have knowledge of the location of phantomjs.exe. After the BlueSpice installation, proceed as follows:

1. Open the folder of your BlueSpice installation
2. Switch to the subfolder `settings.d`
3. In this subfolder, create a new file named `090-PhantomJS.php`
4. Fill this file with the following content:

```
<?php

$bsgArticlePreviewCapturePhantomJSExecutable = "C:\\bluespice\\bin\\phantomjs.exe";
```

Finishing the system preparation

If you have completed all steps successfully, you can now continue with installing BlueSpice.

Installing BlueSpice 3 with installer

A quality version of this page, approved on *2 August 2021*, was based off this revision.

Contents

1 Introduction 6

2 Step-by-step installation 6

Introduction

With BlueSpice 3, we offer the installation as a complete package with MediaWiki and BlueSpice. This installation guide gives you step-by-step instructions to install BlueSpice.

Important! If you do a fresh install of BlueSpice 3.2 it might be necessary to run update.php afterwards if you get an error.

Note: This document only describes the steps for installing the web application itself. For the installation of extended functions such as VisualEditor and Extendedsearch, please refer to the corresponding documentation.

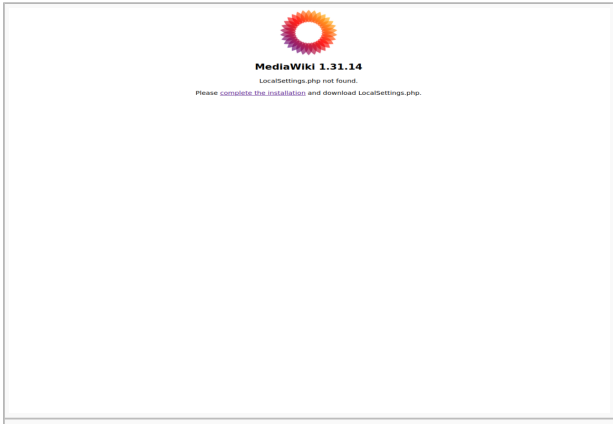
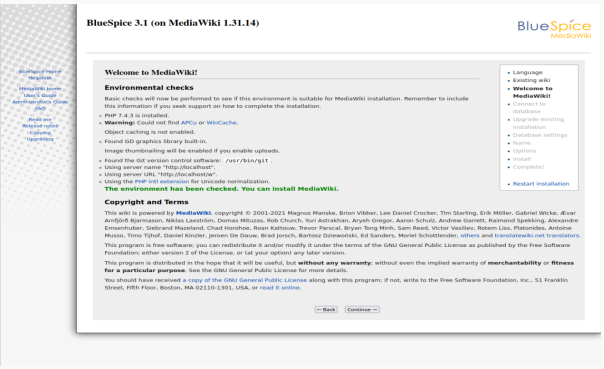
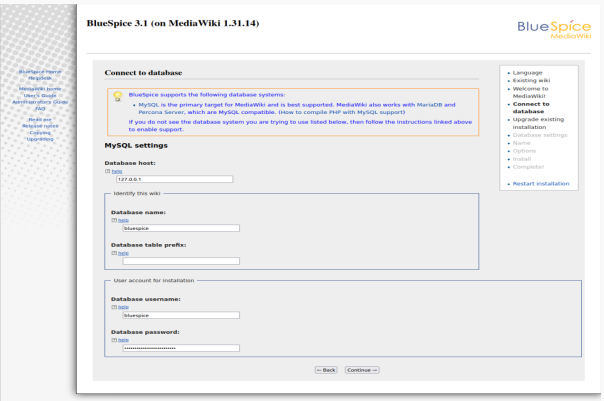
We will not go into details about your operating system installation here, but assume that you have already configured your system and stored the installation package in a web root of your choice, where you can access it via your browser. You can find more details in our detailed installation guide.

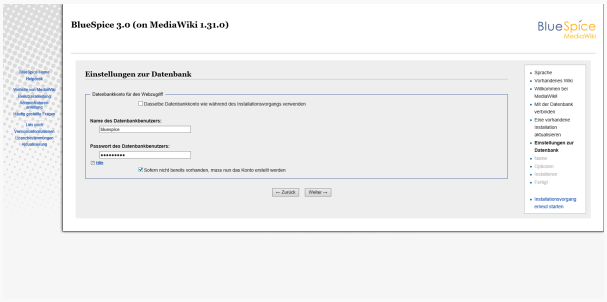
Further help on optimizing the operating system can be found in our compendium.

Step-by-step installation

If you also install the paid extension "BlueSpiceWikiFarm", make sure that the codebase is not located directly in the DocumentRoot of your web server or VirtualHost - it must be located in the /w subfolder!

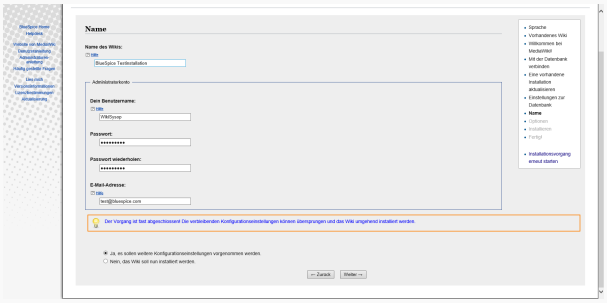
	Step 1 - Start the installation setup: First, open the URL of your web application in your browser. Then click on "set up the wiki" to start the installation. **Note:** If you don't meet all necessary requirements for PHP yet, you won't be able to view this setup page yet. Please make the

	necessary corrections to your PHP installation first. Otherwise, you are now on the page shown in the screenshot (click on the thumbnail to see the full screenshot).
	Step 2 - Select your language: You are now in the language selection. "Your language" defines the language that guides you through the installer, "Wiki language" the later language settings of your wiki.
	**Step 3 - MediaWiki Installation Check:** This step takes you to the MediaWiki installation check. Please read this check carefully, as possible hints may not block the installation itself, but may lead to restrictions of the wiki functionality in practice. Make the necessary corrections to your system and reload the page in your browser before proceeding with the setup.
	**Step 4 - Establish the database connection:** In this step, you configure the database connection. Here you can either specify the root user of your MySQL server and in the following step have the installer create an additional user who only has access to the BlueSpice database. The database will also be created automatically if it does not yet exist. Or, alternatively, you can create a user and a database in advance and directly enter this information here. You can find information on the manual creation of users and databases in the official Mediawiki documentation.



Step 5 - Create the BlueSpice database user: Depending on the procedure you followed in the previous step, you can now define an exclusive user for your BlueSpice database.

If you have already created the user explicitly for the database in advance, leave the check mark at "Use the same database account as during the installation process".

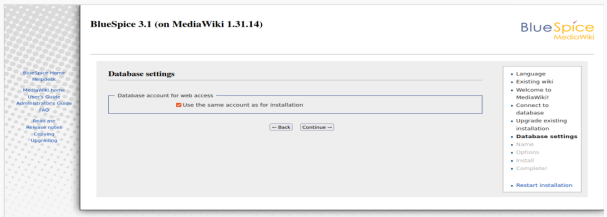


Step 6 - Create your wiki name and administrator account: Enter the name for your wiki. This name is displayed in the title bar of your browser and in various other places such as in notification mails.

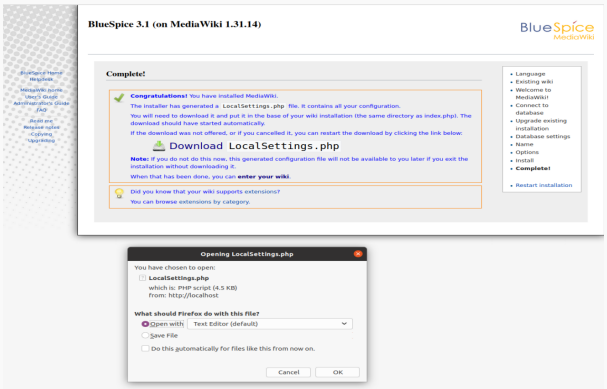
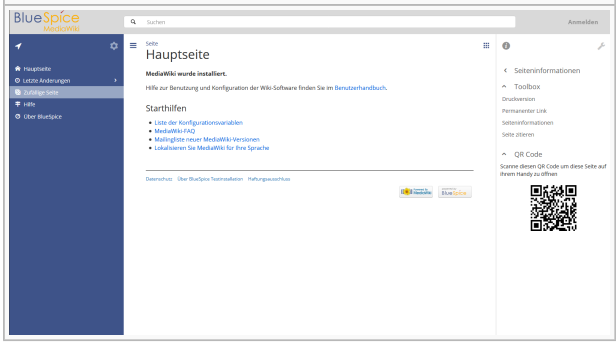
Pay extra attention to the correct spelling, because this name can afterwards only be changed with a certain effort and certain risks.

Next, enter the username, password and e-mail address of the first wiki administrator. The administrator account is then created by the wiki during setup.

Step 7 - Options: In this step, you specify the e-mail address for notification e-mails.



Step 8 - Installation: This step announces the installation of the wiki. If you don't need to make any changes to the previous steps, click "Next" to start the installation process.

	Step 9 - Installation status: After the successful installation of BlueSpice, you see a confirmation page that you confirm with "Next".
	**Step 10 - Download LocalSettings.php:** In the last step of the installation, you will be asked to download the configuration file "LocalSettings.php" of your installation. Download it and place it in the root directory of your BlueSpice codebase.
	Step 11 - Rename the template folders: Open the folder `..\extensions\BluesSpiceFoundation` and rename the subfolder `config.template` to `config` and create the new folder `data`. These folders should have read and write access, see File System Permissions. Run the script `..\maintenance\update.php` from the console.
	**Step 12 - Load the BlueSpice welcome page:** If you now access the URL you specified for BlueSpice, you now see the BlueSpice welcome page. You can start using BlueSpice immediately.

Note: If the page is not loading, give the group "users" change-permissions for the folder C:\Windows\Temp.

Important! As next step, you can configure VisualEditor and Extendedsearch.