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Python with the extension Pygmentize is needed for the rendering of the MediaWiki extension "SyntaxHighlight", which is part of BlueSpice. The steps listed here are required.

Downloading Python

In Internet Explorer, open the official download page (1). Switch to the download page for Windows (2).

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Dov Dow Lookin <u>Linux</u> Want I <u>Docke</u> Lookin	vnload the latest nload Python 3.0.0 ig for Python with a different O UNIX macOS, Other o help test development versio <u>cimages</u> ig for Python 2.77 See below fo	S? Python for Windows 2 ors of Python? <u>Prevelopers</u>		
Active Python	Releases			1
Active Python For more information	Releases on visit the Python Developer's	Guide.		
Active Python For more information Python version	Releases on visit the Python Developer's Maintenance status	Guide. First released	End of support	Release schedule
Active Python For more information Python version 3-10	Releases on visit the Python Developer's Maintenance status bugfix	Guide. First released 2022-10-04	End of support 2026-10	Release schedule PEP 019
Active Python For more information Python version 3.10 3.9	Releases on visit the Python Developer's Maintenance status bugfix bugfix	Guide. First released 2022-10-04 2020-10-05	End of support 2026-10 2025-10	Release schedule PEP 015 PEP 396
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Active Python For more informatii Python version 3.30 3.9 3.3 3.7 3.6	Releases Naintenance status bugfix bugfix security security security	Guide. File relaxed 2013-10-64 2025-10-75 2015-10-14 2015-10-14 2015-05-27 2016-12-23	End of suggest 2020-50 200-50 200-5	Relaxes schedule PEP 615 PEP 556 PEP 556 PEP 557 PEP 494

Select the "executable installer" (64-bit):

C python.org/downloads/windows/	
Download Windows help file	Download Windows x86 web-based installer
 Download Windows Installer (32-bit) 	 Python 3.9.0rc2 - Sept. 17, 2020
 Download Windows installer (64-bit) 	Download Windows help file
 Python 3.9.1 - Dec. 7, 2020 	 Download Windows x86-64 embeddable zip file
Note that Python 3.9.1 cannot be used on Windows 7 or earlier.	 Download Windows x86-64 executable installer
Preventional UR educer and address of the sections (20, bit)	 Download Windows x86-64 web-based installer
Download Windows embeddable package (32-bit) Pownload Windows embeddable package (32-bit)	 Download Windows x86 embeddable zip file
Download Windows being bla	Download Windows x86 executable installer
Download Windows (et place Download Windows installer (32-bit)	Download Windows x86 web-based installer
Download Windows Installer (32 bit)	 Python 3.5.10rc1 - Aug. 22, 2020
Dethon 3.9.0. Ort. 5.2020	 No files for this release.
Note that Python 3.9.0 connot be used on Windows 7 or earlier.	 Python 3.9.0rc1 - Aug. 11, 2020
	Download Windows help file
 Download Windows help file 	 Download Windows x86-64 embeddable zip file
 Download Windows x86-64 embeddable zip file 	 Download Windows x86-64 executable installer
Download Windows x86-64 executable installer 2	 Download Windows x86-64 web-based installer
 Download Windows x86-64 web-based installer 	 Download Windows x86 embeddable zip file
 Download Windows x86 embeddable zip file 	Download Windows x86 executable installer
 Download Windows x86 executable installer 	 Download Windows x86 web-based installer
 Download Windows x86 web-based installer 	 Python 3.9.0b5 - July 20, 2020
 Python 3.8.6 - Sept. 24, 2020 	Download Windows help file
Note that Python 3.8.6 cannot be used on Windows XP or earlier.	 Download Windows x86-64 embeddable zip file

Follow the further download instructions and download the installation package to your hard drive.



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, Python is used in version 3.10.0 as an example. You can download the latest version at the time of installation.

Installing Python

Open the just-downloaded python-3.10.0-amd64.exe file.

Start the installation by clicking "Next".

Confirm both checkboxes (1) and then click "Customize installation" (2):



Confirm the next step with "Next":

🄄 Python 3.10.0 (64-bit) Setup	– 🗆 X
	Optional Features
	☑ Documentation
	Installs the Python documentation file.
	🗹 pip
	Installs pip, which can download and install other Python packages.
	☑ tcl/tk and IDLE
	Installs tkinter and the IDLE development environment.
	✓ Python test suite
	Installs the standard library test suite.
	🗹 py launcher 🛛 for all users (requires elevation)
	Upgrades the global 'py' launcher from the previous version.
python	
for	
WINDOWS	Back Next Cancel

Make sure to install Python for all users (1). Choose an appropriate path, if possible without spaces and special characters (2), and start the installation by clicking "Install" (3).





This documentation is based on the folder structure recommended by us. For this reason, the default path for Python installation is set to the folder C:\bluespice\bin\python-3.10.0. If you have different requirements, you must adapt these paths accordingly.

Finish the installation by clicking "Close":

🄄 Python 3.10.0 (64-bit) Setup	$ \rightarrow$	<
	Setup was successful	
-	New to Python? Start with the <u>online tutorial</u> and <u>documentation</u> . At your terminal, type "py" to launch Python, or search for Python in your Start menu.	
C	See <u>what's new</u> in this release, or find more info about <u>using</u> <u>Python on Windows</u> .	
python		_
windows	Close	

Installing Pygmentize

Open the command prompt with admin permissions. To do this, right-click "Start" (1) and select "Command Prompt (Administrator)" (2):





Enter the command "*pip install pygments*" and wait for the process to finish:



Important! The pygmentize binary needs to be executable by the webserver user (see installation instructions for SyntaxHighlight).

Next step

BlueSpíce

If you have completed all steps successfully, you can delete the previously downloaded file "python-3.10.0-amd64.exe" from your hard drive. If you install BlueSpice pro, go to the next step "PhantomJS". If you install BlueSpice free, you can now continue with Installing BlueSpice.



Setup:Installation Guide/Advanced/Windows Folder Structure

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Preface

Microsoft Windows distributes program installations and configurations, the web root under IIS, etc., to various folders in the file system. Since BlueSpice is a PHP-based web application, 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, for all related data and for additional program installations.

In the following we describe and recommend a proven folder structure.

Folder structure

As root directory for the installation, "\bluespice\" is specified in the root directory of the drive (for example, C:\bluespice or D:\bluespice).

The folder structure based on Unix operating systems is:

bluespice/	
— backup/	# for backups
— bin/	<pre># for additional programs and custom scripts</pre>
— etc/	# for configuration files
<pre> opt/ bluespice/ cache/ images/ widgets/ </pre>	<pre># BlueSpice-specific cache # file uploads # rendered widgets # termeserer files</pre>
— tmp/	# temporary files
└─ var/ └─ log/ └─ www/	<pre># log files of the web server # The actual BlueSpice application</pre>

File names for installing programs

When installing programs in \bluespice\ bin, please be sure to install these programs in subfolders that contain no special characters and/or spaces.

Installing and configuring PhantomJS on Windows

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

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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).

🗲 🛞 🔝 https://phastantics.cog	×
PhantomJS - Scriptable Headless Browser	
Important: PhantomJS development is suspended until further notice (more details).	
Phantom/S is a headless web browser scriptable with JavaScript. It runs on Windows, macOS, Linux, and FreeBSD.	
Using QtWebKit as the back-end, it offers fast and native support for various web standards: DOM handling, CSS selector, JSON, Canvas, and SVG.	
The following simple script for PhantomJS loads Google homepage, waits a bit, and then captures it to an image.	
<pre>vsr page = regic=("whitege'):create(): set("set("whitege'):create(): set("set("set("set("set("set("set("set("</pre>	
PhantomJS is an optimal solution for:	
Tage submation Access webpages and extract information using the standard DOM APL or with usual libraries like jQuery. Screen capture Programmatically capture web contents, including SVG and Canvas. Create web lite screenshots with thumbnall preview. Headess website testing Run functional tests with frameworks such as Jasmine, DURL Mocha, WebDriver, etc. Network, monitoring Monitor prage loading and export as standard HAR files. Automate performance analysis using YSlow and Jenkins.	
Ready to play with PhantomJS [Instal] a 2 llow the Quick Start guide.	
Want to learn more? Read the FAQ, explore more examples, and study the complete <u>API documentation</u> .	
For the source code, issue tracker, and other development information, visit github.com/ariya/phantomjs-	
e 2010-2018 <u>Elemental contributos</u> . Distributed under the BSD Icense (SPDIX <u>BSD-1 Canael</u> .	

Download the appropriate ZIP archive for Windows.

	- □ ×
Comparison of the second secon	W 14 187 🤟
Download PhantomJS	
New to PhantomJS? Read and study the <u>Quick Start</u> guide.	
Windows	
Download phantomis-21.1-windowszip (⁷ /4 MB) and extract (unzip) the content.	
The executable [phantonjs.exe] is ready to use.	
Note: For this static build, the binary is self-contained with no external dependency. It will run on a fresh install of Windows Vista or later versions. There is no requirement to install Qt, WebKit, or any other	libraries.
Mac OS X	
Download phantomis-2.1.1-macosx.zip (16.4 MB) and extract (unzip) the content.	
Note: For this static build, the binary is self-contained with no external dependency. It will run on a fresh install of OS X 10.7 (Lion) or later versions. There is no requirement to install Qt or any other libraries	
Linux 64-bit	
Download <u>phantomis-2.1.1-linux-x86.64.tar.bz2</u> (22.3 MB) and extract the content.	
Note: For this static build, the binary is self-contained. There is no requirement to install Qt, WebKit, or any other libraries. It however still relies on fortconfig (the package [netcoartig] or libfontconfig, dependistribution]. The system must have GUBCX(3.49 and GUBC).2.7.	ending on the
Linux 32-bit	
Download phantomjs-2.1.1-linux-i686.tar.bz2 (23.0 MB) and extract the content.	
Note: For this static build, the binary is self-contained. There is no requirement to install QL WebKit, or any other libraries. It however still relies on Fontconfig (the package Tentcenfig) or [librarcenfig], de the distribution). The system must have GUBCOC(3.4.9 and GUBC 2.7.	pending on
FreeBSD	
Binary packages are available via pkg:	
\$ sudo pkg install phentomjs	
Source Code	
To get the source code, check the official git repository: github.com/ariya/phantomjs.	
To compiled Phantomis from source (not recommended, unless it is absolutely necessary), follow the build instructions.	~



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

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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



Lecture La San La Constantina de la Constantina	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
BlueSpice 3.1 (on MediaWiki 1.3.1.14) BlueSpice	language selection.
Ansate of a state o	"Your language" defines the language that guides you through the installer, "Wiki language" the later language settings of
	your wiki.
BlueSpice 3.1 (on MediaWiki 1.31.14) Blue Spice	Step 3 - MediaWiki Installation Check: This step takes you to the MediaWiki installation check.
<text><text><text><list-item><list-item><list-item><section-header><section-header><section-header></section-header></section-header></section-header></list-item></list-item></list-item></text></text></text>	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.
The property is detributed in the target took at while works (b, b) without any accuracy, at those took too implied an early of an exhibatability of flexase. We also have been apprecised to a set of the bolt of the set	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.
Backgreicht (underlaufschaften) Backgreicht (underlauf	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.
termination	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.





MediaWiki

	BlueSpice 3.1 (on MediaWiki 1.31.14)	BlueSpice	
Angener Angener States States Angener	<section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header>	 energia <	Step 9 - Installation status: After the successful installation of BlueSpice, you see a confirmation page that you confirm with "Next".
A second se	<section-header><section-header></section-header></section-header>		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.
			<pre>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.</pre>
Blue Spice Metavine	Internet Execution Execution	Anadem	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.

