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User:Mmeixner



Name

Mmeixner

Template:User

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Setup:Installation Guide/Installation BlueSpice WikiFarm

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

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An existing BlueSpice pro installation can easily be extended with BlueSpiceWikiFarm. The existing installation assumes the role of the main wiki (=farm management). The contents remain there and can be maintained as usually.

Note: WikiFarm is not a standard feature of BlueSpice pro and needs to be acquired separately.

PHP prerequisites

Please ensure that the PHP extension ZIP is archived, which is required for BlueSpiceWikFarm.

Ensuring the correct path in the file system

Important for the operation of BlueSpiceWikiFarm is that BlueSpice is located in the directory /w of the DocumentRoot of your web server or VirtualHost.

If this is not the case, you have to move the entire codebase there.

```
After that, the variable $wgScriptPath in the LocalSettings.php contains the path /w.
```

```
$ wgScriptPath = "/w";
```

Creating the necessary folders for BlueSpiceWikiFarm

BlueSpiceWikiFarm needs two additional folders in the folder /w at the same level as the LocalSettings.php. You have to create these two folders:

- _sf_instances all data and configurations for the respective instances are stored here
- _sf_archive deleted farm instances including your database dump are stored here as ZIP archive

Make sure that these folders are writable by the web server. See also our (notes in the helpdesk) for this purpose.

Creating the LocalSettingsAppend.php

Including the extension "BlueSpiceWikiFarm" first requires an additional configuration file with the name LocalSettingsAppend.php. Create this file on the same level as the LocalSettings.php and add the following content:

```
<?php
require_once "$IP/LocalSettings.BlueSpice.php";
```



== Including the extension "BlueSpiceWikiFarm" == In the LocalSettings.php replace the line

```
require_once "$IP/LocalSettings.BlueSpice.php";
```

with

require_once "\$IP/extensions/BlueSpiceWikiFarm/BlueSpiceWikiFarm.php";

Configuring the web server

In the folder extensions/BlueSpiceWikiFarm/SimpleFarmer/doc you will find example files for RewriteRules, which are necessary for BlueSpiceWikiFarm:

- htaccess.template RewriteRules for Apache
- web.config.template RewriteRules for IIS

Configure these RewriteRules for the DocumentRoot level of your Web server or VirtualHost.

Completion

The installation of BlueSpiceWikiFarm is now complete. From now on, you can reach the farm administration in the main wiki under the special page "Special:SimpleFarmer".

Apache Tomcat on Windows

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

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Apache Tomcat is required for the PDF export, VisualDiff (BlueSpice pro only) and the LaTeX renderer (BlueSpice pro only). The following steps are optional and only required if you want to use one or more of these services in your BlueSpice installation.



Operation of Apache Tomcat requires OpenJDK. If you have not installed it, follow the link above.

Download

Open the official download page (1) in your browser and go to the version 9 (2) download page.



Download the "32-bit/64-bit Windows Service Installer"



https://tomca	it.apache.org/download-90.cgi ・ 量 の Search ク ・ の な の な の の の の の の の の の の の の の
Apache Tomcat® - Apache	
Taglibs Maven Plugin	Quick Navigation
Download Which version?	KEYS 9.0.16 Browse Archives
Tomcat 9 Tomcat 8	Release Integrity
Tomcat 7 Tomcat Connectors Tomcat Native Taglibs Archives	You must settly the integrity of the downloaded files. We provide OpenPGP signatures for every release file. This signature should be matched against the KETs file which contains the OpenPGP keys of Tornica's file/kease Managers. We also provide 3H4-512 checksums for every release file. After you download the file, you should caulable a checksum for you download and makes use it has earne as outs.
Documentation	Mirrors
Tomcat 9.0 Tomcat 8.5 Tomcat 7.0 Tomcat Connectors Tomcat Native	You are currently using http://www.gutscheine.org/mirror/apache/ If you encounter a problem with this mirror, please select another mirror. If all mirrors are failing, there are backup mirrors (at the end of the mirrors list) that should be available. Other mirrors: [http://apache.lauf-forum at/
Wiki Migration Guide	9.0.16
Presentations	Disease see the DEADME file for participing information. It evaluate what evaluate distribution contains
Problems?	r lease see the <u>transme</u> the for packaging information, it explains what every distinguish contains.
Security Reports Find help FAQ Mailing Lists Bug Database IRC	Binary Distributions
Get Involved Overview Source code Buildbot	excell without an upge shall) excell without an upge shall) excell without and upge shall be
Tools Media Twitter	 Depoyer: 20 (opp. sha512) 21 (opp. sha512) 21 (opp. sha512)
YouTube	• <u>137 92 (020, 538312)</u> • Zin (non 54512)



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



This guide uses version 9.0.16 of Apache Tomcat and is just an example of the latest version that you can download at the time of installation.

Installing Apache Tomcat

Open the downloaded file "apache-tomcat-9.0.16.exe".

Start the installation by clicking "Next >":





Confirm the license agreement by clicking "I Agree":

😹 Apache Tomcat Setup —	\times
License Agreement Please review the license terms before installing Apache Tomcat.	
Press Page Down to see the rest of the agreement.	
Apache License	^
Version 2.0, January 2004 http://www.apache.org/licenses/	
TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION	
1. Definitions.	
"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.	~
If you accept the terms of the agreement, dick I Agree to continue. You must accept the agreement to install Apache Tomcat.	
Nullsoft Install System v3.04 — < Back I Agree Can	cel

Click "Next >":



Apache Tomcat Setup Choose Components Choose which features of Ap	ache Tomcat you want to install.	-	× ×
Check the components you w install. Click Next to continue	ant to install and uncheck the com	ponents you don't w	ant to
Select the type of install:	Normal ~	Description	
components you wish to install:	Concat Start Menu Items Occumentation Manager Host Manager Examples	Position your mo over a componer see its descriptio	use nt to n.
Space required: 13.2 MB			
Nullsoft Install System v3.04 —	< <u>B</u> ack	<u>N</u> ext >	Cancel

Click "Next >" again:

減 Apache Tomcat Setup: Cor	figuration Opt	ions	_		\times
Configuration Tomcat basic configuration.				8	
Server Shutdown Port HTTP/1.1 Connector Port		8005 8080			
Windows Service Name Create shortcuts for all users		Tomcat9			
Tomcat Administrator Login (optional)	User Name Password Roles	manager-gui			
Nullsoft Install System v3.04 —		< Back	Next >		ancel

Select (1) the home directory of your OpenJDK Installation (2) and click "Next>" (3):





Start the Tomcat Installation:

減 Apache Tomcat Setup		_		\times
Choose Install Location			C	₩¥
Choose the folder in which to install Apache Tomcat.			\sim	X
Setup will install Apache Tomcat in the following folder. To install i Browse and select another folder. Click Install to start the installa	in a diffe ation.	erent fo	lder, dick	c .
Destination Folder				
C:\Program Files\Apache Software Foundation\Tomcat 9.0		B <u>r</u> ow	se	
Space required: 13.2 MB				
Space available: 47.0 GB				
Nullsoft Install System v3.04				
< Back	Instal	I	Can	cel

At the end of the installation, leave both preselected checkboxes (1) and finish the setup (2)





Configuring Apache Tomcat

Change to the installation directory of Tomcat. By default, you can find it at C:\Program Files\Apache Software Foundation\Tomcat 9.0\conf .

Open the context.xml file in a text editor and replace the one-time line

<Context>

with

<Context mapperContextRootRedirectEnabled="true">



Save and close the file.

In the same directory, open the file server.xml in a text editor and make sure that the complete block

```
<Connector port="8080" protocol="HTTP/1.1"
... />
```

looks like this:

```
<Connector port="8080" protocol="HTTP/1.1"
connectionTimeout="20000"
URIEncoding="UTF-8"
redirectPort="8443"
address="127.0.0.1" />
```





Save and close the file.

Recently added Windows Server nfigure Tomcat Ŀ Σ <u>ک</u> Monitor Tomcat Windows PowerShell ISE Windows PowerShell HeidiSQL HS ver Manage Expand ÷ ig the second se <u>e</u>-E 7-Zip New Task Manager <u>4</u> 0 Apache Tomcat 9.0 Tomcat9 Remote Desktop figure Tomcat 8 Tomcat 9.0 Program Directory ٥ Tomcat Documentation Ľ Tomcat Home Page Ś Tomcat Manager <u>ت</u> Welcome ம்

Find the entry "Configure Tomcat" in the start menu and open it:

Set "Startup type" to "Automatic" (1) and start Tomcat (2). Then exit the configuration console (3):



🔥 Apach	e Tomca	t 9.0 Tom	cat9 Pro	operties			\times
General	Log On	Logging	Java	Startup	Shutdown		
Service	Name:	Tomcat	Ð				
Display	name:	Apach	e Tomca	t 9.0 Tomo	at9]
<u>D</u> escrip	otion:	Apach	e Tomca	t 9.0.16 Se	erver - https://	/tomcat.apache	
Pat <u>h</u> to	executa	ble:					
"C:\P	rogram Fil	es\Apache	Softwa	re Foundat	tion\Tomcat 9.	0\bin\Tomcat9.	
Startup	o typ <u>e</u> :	Automa	atic		1	~	
Service	Status:	Stopper	1				
5	<u>S</u> tart	2	bp	<u>P</u>	ause	<u>R</u> estart	
_		_					
				ОК	3 cel	Apply	

Reviewing the installation

To check if Tomcat is working correctly, open the address http://localhost:8080/ in a browser on the server.

You should now see the homepage of the Tomcat server:





Installing the web apps

After the successful installation of BlueSpice, please follow the next steps to install the web services and activate the respective BlueSpice extension:

- PDF-Export
- VisualDiff (BlueSpice pro only)
- LatexRenderer (nurBlueSpice pro only)

Next step

If you have completed all steps successfully, you can delete the previously downloaded "apachetomcat-9.0.16.exe" file from your hard drive and continue to the next step " Elasticsearch".

Git on Windows

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

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Ð

Git is an application for software version management. It is required for the installation of Node.js, which in turn is required for the operation of the rendering service "Parsoid" for the Visual Editor. The steps listed here are optional and only required if you want to use them in your BlueSpice installation.

Download

In the Internet Explorer, open the official download page on git-scm.com (1). If the optimal download for your operating system does not start automatically, click on "64-bit Git for Windows Setup" (2):



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



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



Git version 2.19.1 will be used below as an example. You can download the latest version of Git at the time of installation.

Installing Git

Open the downloaded Git-2.19.1-64-bit.exe file.



Start the installation by clicking "Next >":

🚸 Git 2.1	9.1 Setup —			\times
Infor Plea	mation ase read the following important information before continuing.			>
Wh	en you are ready to continue with Setup, dick Next.			
	GNU General Public License		^	
	Version 2, June 1991			
Cop 59	oyright (C) 1989, 1991 Free Software Foundation, Inc. Temple Place - Suite 330, Boston, MA 02111-1307, USA			
E Ve of	eryone is permitted to copy and distribute verbatim copies this license document, but changing it is not allowed.			
	Preamble			
fre Lic	The licenses for most software are designed to take away eedom to share and change it. By contrast, the GNU Gener sense is intended to guarantee your freedom to share and	your al Pub chanc	olic y	
https://gitf	orwindows.org/		Cance	I

Click, as pictured here, through the further installation steps:

Original States and a second line to be following black. The device of the to be following black. The device of the to be following black. The device of the best and the to be following black. The device of the best and the to be following black. The device of the best and the to be following black. The device of the best and	Or 23.23 Mark Sector 20.02 Mark	Alexandree Marken Marken Versteren Arte Marken M Marken Marken Mark	Australiant Conceptuality
<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>	O & 2.13.15.00 O	Outstand Compares the second	<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></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>

You can close the setup program now:





Next step

If you have completed all steps successfully, you can delete the previously downloaded file "Git-2.19.1-64-bit.exe" from your hard disk and go to the next step" Node. js".

Setup:Installation Guide/System Preparation/Windows/IIS Web Server

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

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The web server delivers your BlueSpice installation to the users' browsers. Without a web server, BlueSpice cannot be used. The steps listed here are required.

Introduction

We recommend to use the most system-optimized software possible for a live operation of BlueSpice both under Linux and under Windows. For this reason, the documentation of an installation of Apache (XAMP) under Windows is omitted. This chapter lists the steps that are necessary to install the Microsoft IIS Web Server service on Windows Server >= 2012.

The Server Manager and managing roles

First, open the Server Manager. Unless otherwise configured, it starts automatically as soon as you log in to the server. Otherwise, you will find it in the start menu under the search term "Server Manager". You are now in the following view:



Click "Manage" (1) und then "Add Roles and Features" (2):



Server Manager				- 0 X
Server Ma Dashboard	welcome to server	MANAGER		oles and Features ve Roles and Features ervers
Local Server All Servers Ele and Statute Services		1 Configure this local server	Create	Server Group Manager Properties
	QUICK START	 Add roles and features Add other servers to manage Create a server group Connect this server to cloud server 	vices	Hide
	ROLES AND SERVER GI Roles: 1 Server groups: 1 File and Storag Services	COUPS	1 All Servers	1
	Manageability Events Performance BPA results	(*) Manageability Events Services Performance BPA results	Manageability Events Services Performance BPA results	
		28.10.2018 14	1:14 28.10.2018	3 14:14

Installing IIS in the Role Manager

You are now in the Role Manager.

Click "Next >" until you reach the "Server Roles" area (1). There, you activate the role "Web Server (IIS)" (2):

Select server roles	5	DESTINATION SERVER WIN-OJ8QSBRBSOL
Before You Begin Installation Type	Select one or more roles to install on the selected server. Roles	Description
Server Selection Server Roles Features Confirmation Results	Active Directory Certificate Services Active Directory Federation Services Active Directory Fightweight Directory Services Active Directory Rights Management Services Active Directory Rights Management Services Device Health Attestation DHCP Server Fax Server B File and Storage Services (1 of 12 installed) Host Guardian Service Hyper-V MultiPoint Services Print and Document Services Remote Access Remote Access Wue Activation Services Web Server (IIS) Windows Deployment Services	Active Directory Certificate Services (AD CS) is used to create certification authorities and related role services that allow you to issue and manage certificates used in a variety of applications.

Confirm the pop-up that shows the selection of the role with "Add Features":





Click "Next >":

elect server rol	es	DESTINATION SERVE WIN-OJ8QSBRBS
Before You Begin Installation Type Server Selection Server Roles Features Web Server Role (IIS) Role Services Confirmation	Select one or more roles to install on the selected server. Roles Active Directory Certificate Services Active Directory Federation Services Active Directory Lightweight Directory Services Active Directory Rights Management Services Device Health Attestation DHCP Server DNS Server Server	Description Web Server (IIS) provides a reliable manageable, and scalable Web application infrastructure.
	File and Storage Services (1 of 12 installed) Host Guardian Service Hyper-V MultiPoint Services Print and Document Services Remote Access Volume Activation Services Web Server (IIS) Windows Deployment Services V	

You are now in the "Features" area(1). Activate ".NET Framework 3.5 Features" (2) and click "Next >" (3):







The .NET Framework 3.5 is not directly required for running IIS. However, tools that will be installed later, which are also partially connected with IIS, definitely require it. For this reason, we install it now.

Confirm the following dialog with "Next >":



Under "Role Services" (1) select "Application Development" (2) with the option "CGI" (3) and confirm with "Next >" (4):





Click "Install" to start the installation:

Constant Street and I and	the set of the set	DESTINA	ATION SER	R١
onfirm installa	tion selections	WIN-	OJ8QSBR	B
🛕 Do you need to specify	an alternate source path? One or more installation selections are missing source files on t	the desti	nati	
Before You Begin	To install the following roles, role services, or features on selected server, click Insta	all.		
Installation Type	Restart the destination server automatically if required			
Server Selection	Optional features (such as administration tools) might be displayed on this page be	ecause t	hey have	e
Server Roles	been selected automatically. If you do not want to install these optional features, c	lick Prev	ious to c	c
Features	their check boxes.			
Web Server Role (IIS)	.NET Framework 3.5 Features			
Role Services	.NET Framework 3.5 (includes .NET 2.0 and 3.0)			
Confirmation	Web Server (IIS)			
Continuation	Management Tools			
	IIS Management Console			
	Web Server			
	Application Development			
	CGI			
	Common HTTP Features			
	Export configuration settings			

As soon as the installation has finished, click "Close" to exit the dialog box.







If the installation terminates with a problem, this is usually caused by the .NET Framework 3.5 in combination with a WSUS server in your domain. The easiest solution for this is to remove the server from the domain, repeat all of the above steps, and then re-adding the server to the domain.

With the successful completion of all these steps, the IIS web server is now installed. Check the functionality by starting Internet Explorer on the server and calling the URL http://localhost/. If installed correctly, you will see the welcome page of the IIS Web server:



Next step

When you have successfully completed all the steps above, go to the next step "Visual C++ Redistributable for Visual Studio 2015".



MariaDB on Windows

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

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BlueSpice stores your content in a database for which you need to install a corresponding server. The steps listed here are required.

Introduction

Alternatively, you can use MySQL at this point, but we recommend the database server MariaDB as described below.

Download

In Internet Explorer, open the official download page (1). Click on the corresponding download link (2).



Select the MSI package in the 64bit version:



🧭 MariaDB 10.3.13 Stable - Maria 🛛 🗙	+								
(←) → C [*] (b)	() 🔒 https://downloads.mariadb	org/mariadb/10.3	3.13/		F	… ⊠ ☆	lii\	۵	≡
MariaDE FOUNDATION	MariaDB 10.3. Release Notes Chan Affordable, enterprise class Foundation's release spo MariaDB Corporation at st	13 Stable gelog as product support, insor, MariaDB Corp sales@mariadb.cor	2019-02-21 professional services, ar poration. To learn more al n.	nd training for bout them an	your MariaDB dat d their services fo	abase is available from th r MariaDB, visit their web:	View all re le MariaDB site, or email	leases	
open source software									
The MariaDB database server is published free and open source software under the	as File Name	Package Type	OS / CPU	Size	Meta	Want to learn more at	out MariaDB? (Check	
General Public License version 2. You can download and use it as much as you want of charge All use of the binaries from	per source souvaer une entre volici License version 2. You can and use it as much as you want free Million of the housing formation for the source targe file Million of the housing formation for the source source targe file	out our wintepapers.							
mariadb.org is at your own risk as stated i the GPLv2. While we do our best to make	in Galera 25.3.25 source and packages	l i	Source			Operating System			
Foundation does not provide any guarantee	es For best results with RPM	and DEB package	s, use the Repository Co	nfiguration To	iol.	DEB Package			
may encounter. The MariaDB Foundation does not provide	mariadb-10.3.13-winx64- debugsymbols.zip	ZIP file	Windows x86_64	144.0 MB	Chedisum	Generic Linux			H
help or support services if you run into troubl while using MariaDB. Support and guarantee	ubles mariadb-10.3.13-winx64.zi	p ZIP file	Windows x86_64	69.5 MB	Chedsum	☐ Source Code ☐ Windows			
multiple MariaDB vendors. There are alse many resources you can use to learn Mari	iaDB	si MSI Package	Windows x86_64	54.5 MB	Chedsum				
and support yourself or get peer support online.	mariadb-10.3.13-win32.zip	ZIP file	Windows x86	62.5	Checksum	Package Type			
Supported and certified binaries available from commercial vendors	d mariadb-10.3.13-win32- debugsymbols.zip	ZIP file	Windows x86	111.9 MB	Chedsum Instructions	MacOS pkg DEB Package RPM Package			
There multiple MariaDB vendors that provid different kinds of guarantees based on the	de mariadb-10.3.13-win32.ms	i MSI Package	Windows x86	49.1 MB	Chedisum	MSI Package ZIP file			~

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



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



In the following the MariaDB version 10.3.13 is used and serves as an example only for the latest version, which you can download at the time of your installation.

Installing MariaDB

Open the file that you just downloaded: "mariadb-10.3.13-winx64.msi".

Start the installation by clicking "Next":





Confirm the license agreement (1) and click "Next" (2):

MariaDB 10.3 (x64) Setup	_		\times
End-User License Agreement Please read the following license agreement carefully	Marial	DB rver 🗹	A
GNU GENERAL PUBLIC LICENSE			^
Version 2, June 1991			
Copyright (C) 1989, 1991 Free Software Foundati Street, Fifth Floor, Boston, MA 02111-1301, USA to copy and distribute verbatim copies of this lice changing it is not allowed.	on, Inc., 51 Fra Everyone is po nse document,	nklin ermitted but	
Preamble The Denses for most software are designed to ta	ike away your f	reedom	Ŷ
☑ I <u>a</u> ccept the terms in the License Agreement		2	
Print Back	Next	Can	cel

The next step you confirm by clicking on "Next".



🛃 MariaDB 10.3 (x64) Setup — 🗆 🗙						
Custom Setup Select the way you want features to be installed.	MariaDB Server					
Click the icons in the tree below to change the way features will be installed.						
MariaDB Server Database instance Client Programs Backup utilities Development Components Third party tools HeidiSQL	Install server This feature requires 160MB on your hard drive. It has 3 of 3 subfeatures selected. The subfeatures require 49MB on your hard drive.					
Location: C:\Program Files\MariaDB 10.3\	B <u>r</u> owse					
Re <u>s</u> et Disk <u>U</u> sage	Back Next Cancel					

Provide a password. It will be used for the administrative user ("root") of the database server (1). Then, click "Next" (2):

🔀 User settings	– 🗆 X
Default instance properties MariaDB 10.3 (x64) database configuration	MariaDB Server
Modify password for database user 'root' New root password: Confirm: Enable access from remote machines f 'root' user Use UTF8 as default server's character set	Enter new root password Rate the password for
	Back Next 2 ancel

Confirm the next step by clicking "Next":



🖶 Database settings			_		\times
Default instance	properties		Maria	DB	R
MariaDB 10.3 (x64)	database configuration	n	Se	rver 🖌	V
✓ Install as service					
Service Name:	MySQL				
🗹 Enable networkin	g				
TCP port:	3306				
Innedh engine c	attinas				
Innoab engine s	ettings				
Buffer pool size:	1023 MB				
Page size:	16 🗸 KB				
		<u>B</u> ack	Next	Cano	:el

Confirm the next step by clicking "Next":

🖟 MariaDB 10.3 (x64) Setup	>
MariaDB 10.3 (x64) setup Submit usage information	MariaDB Server
Enable the Feedback plugin and submit a	anonymous usage information
Monty Program has created a Feedback plugin collects basic anonymous statistical information developers to improve MariaDB. Enabling this p MariaDB development. Collected statistics, and can be viewed at http://mariadb.org/feedback. More Info	for MariaDB which, if enabled, n. This information is used by the plugin is an easy way to help with d more information on the plugin, k_plugin
	Back Next Cancel

Now start the installation:





When the installation is complete, exit the installer:

🔀 MariaDB 10.3 (x64) Setup		_		×
MariaDB [®]	Completed the MariaDB to Wizard Click the Finish button to exit the Set	LO.3 (x tup Wizard	:64) Se	tup
	<u>B</u> adk Fini	sh	Cano	el

Setting the environment variable

To use MariaDB easily on the command line of Windows, it is necessary to configure an environment variable in Windows accordingly. To do this, perform the following steps:

Enter the key combination Windows + R.

In the following dialog, enter "SystemPropertiesAdvanced.exe" (1) and confirm with OK (2):





Click "Environment Variables":

System Propertie	25			×
Computer Name	Hardware	Advanced	Remote	
You must be lo	gged on as a	an Administra	or to make most of these	changes.
Performance				
Visual effects	, processor s	cheduling, m	emory usage, and virtual n	nemory
			Settin	ngs
User Profiles				
Desktop settir	ngs related to	o your sign-in		
			_	
			Setti	ngs
Startup and R	ecovery			
System startu	p, system fai	lure, and deb	ugging information	
			Settin	ngs
			Environment Va	ariables
		ОК	Cancel	Apply

In the bottom pane of the now opened window double-click on the line "Path":



Path	
r wert	C:\Users\Administrator\AppData\Local\Microsoft\WindowsApps;
TEMP	C:\Users\Administrator\AppData\Local\Temp
тмр	C:\Users\Administrator\AppData\Local\Temp
	New Edit Delete
stem variables	
Variable	Value
ComSpec	C:\Windows\system32\cmd.exe
DriverData	C:\Windows\System32\Drivers\DriverData
NUMBER OF PROCESS	SORS 1
NOWRER_OF_BROCESS	
NUMBER_OF_PROCESS	Windows_NT
NUMBER_OF_PROCESS	Windows_NT C:\Windows\System32;C:\Windows;C:\Windows\System32\Wbem;
NUMBER_OF_PROCESS OS Path PATHEXT	Windows_NT C:\Windows\system32;C:\Windows;C:\Windows\System32\Wbem; .COM;:EXE;:BAT;:CMD;:VBS;:VBE;JS;JSE;:WSF;:WSH;:MSC

Click "New":

Edit environment variable		×
%SystemRoot%\system32		New
%SystemRoot%		
%SystemRoot%\System32\Wbem		<u>E</u> dit
%SYSTEMROOT%\System32\WindowsPowerShell\v1.0\		
%SYSTEMROOT%\System32\OpenSSH\		Browse
		<u>D</u> elete
		Move <u>U</u> p
		Maya Dayya
		Move Down
		Edit text
Γ	OK	Cancel
L	0.11	Contect



Add the path to your installation of MariaDB, which contains i.a. the file mysql.exe is located. By default, this is the path C:\Program Files\MariaDB 10.3\bin .

%SystemRoot%\system32	New
%SystemRoot%	
%SystemRoot%\System32\Wbem	<u>E</u> dit
%SYSTEMROOT%\System32\WindowsPowerShell\v1.0\	
%SYSTEMROOT%\System32\OpenSSH\	Browse
C:\bluespice\bin\php-7.3.3	
C:\Program Files\Git\cmd	<u>D</u> elete
<u>C\Program Files\nodejs\</u>	
C:\Program Files\MariaDB 10.3\bin	
	Move <u>U</u> p
	Maus Davi
	WOVE DOW
	Edit <u>t</u> ext

Close all previously opened windows one after the other by clicking "OK".

Next step

If you have completed all steps successfully, you can delete the previously downloaded "mariadb-10.3.13-winx64.msi" file from your hard disk and continue to the next step "OpenJDK".

PHP 7.3 on Windows

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

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2 Downloading PHP	35
3 Unzipping the ZIP archive	36
4 Setting the environment variable	36
5 Checking the environment variable	39
6 Configuring IIS for PHP	40
7 Next step	48



The source code of BlueSpice is based on the scripting language "PHP". It must be installed on your server in order to operate BlueSpice. The steps listed here are required.

Introduction

PHP is not installed with a "classic installation package", but the sources are downloaded and integrated in IIS via the previously installed PHP Manager.

Downloading PHP

In your browser, open the official download page for Windows on php.net (1). Find the latest version 7.3.x (2) 64-bit (3) Thread-Safe (4) and download it here (5):

HIP For Windows: Binaries ×	sload 1 search	تې تې م چې ټې 🖓 🕶
ррр Рнр: ну	pertext Preprocessor Home Developt 04 Educes Sourchets Toum DHP and the	
PHP For Windows This site is dedicated to supporting PHP on Microsoft Windows. Takin supports posts of PHP extensions or features as well as providing special builds for the various Windows architectures. If you like to build your own PHP binanies, instructions can be found on the <u>VMS</u> .	Binaries and sources Releases Seted an splan to direct access. v PHP 7.3 (7.3.3) 2 Deveload source code (25.66408) VC15 x664 Non Thread Safe (2019-Mar-07 01:55:08)	
PECI. For Windows PECI. retentions for Windows is being worked on. Windows DLL can be downloaded right from the <u>PECI</u> workmits. The PECI extension release and angebras build directories are browsable directly.	202 [24.246] sh256: 5616F279606537369591645c2554296b344c48942837/d26e60332618e563066 sh256: 65552b4539e22c13t5c4636c884ecd764910c110c889944b5f06c231a0f8e vc15[64] Thread Safe [2019-Mar 07 01:55:24) vc15[64] Thread Safe [2019-Mar 07 01:55:24) sh255: 05454868c61556d5858ec344b64438ae21689912f19632314554a06cd1089	
	Debug Pack [22.91MB]	

Follow the download 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.



The following is PHP version 7.3.3 and is only an example of the latest version 7.3.x that you can download at the time of your installation.



Unzipping the ZIP archive

Unzip the ZIP archive just downloaded into a useful system path on your hard drive.



This documentation assumes the recommended folder structure.

For this reason PHP will be unpacked into the folder C:\bluespice\bin\php-7.3.3. If you have a different folder structure, you must adapt these paths accordingly.

Setting the environment variable

In order to use PHP easily on the command line of Windows, it is necessary to configure an environment variable in Windows accordingly. To do this, perform the following steps:

Enter the key combination Windows+R.

In the following dialog enter "SystemPropertiesAdvanced.exe" (1) and confirm with OK (2):



Click "Environment variables":



System Properties	\times
Computer Name Hardware Advanced Remote	
You must be logged on as an Administrator to make most of these changes Performance	
Visual effects, processor scheduling, memory usage, and virtual memory	
Settings	
User Profiles Desktop settings related to your sign in	
Settings	
Startup and Recovery System startup, system failure, and debugging information	
Settings	
Environment Variables	
OK Cancel Apply	

In the lower part of the now opened window double-click on the line "Path":



Path TEMP	$C: \label{eq:constraint} C: \label{eq:constraint} C: \label{eq:constraint} Administrator \label{eq:constraint} AppData \label{eq:constraint} Local \label{eq:constraint} Microsoft \label{eq:constraint} Windows \label{eq:constraint} AppData \label{eq:constraint} Local \label{eq:constraint} Microsoft \label{eq:constraint} Windows \label{eq:constraint} AppData \label{eq:constraint} Local \label{eq:constraint} Microsoft \label{eq:constraint} Windows \label{eq:constraint} Microsoft \label{eq:constraint} Micro$
TEMP	
	C:\Users\Administrator\AppData\Local\Temp
TMP	C:\Users\Administrator\AppData\Local\Temp
	New <u>E</u> dit <u>D</u> elete
stem variables	
Variable	Value
ComSpec	C:\Windows\system32\cmd.exe
DriverData	C:\Windows\System32\Drivers\DriverData
NUMBER_OF_PROCESSO	DRS 1
05	Windows_NT
	C:\Windows\system32;C:\Windows:C:\Windows\System32\Whem;
Path	c. (Windows (systems), c. (Windows, c. (Windows (systems), (Wolfi,
Path PATHEXT	.COM; EXE; BAT; CMD; VBS; VBE; JS; JSE; WSF; WSH; MSC

Click "New":

it environment variable		
%SystemRoot%\system32		New
%SystemRoot%	_	
%SystemRoot%\System32\Wbem		<u>E</u> dit
%SYSTEMROOT%\System32\WindowsPowerShell\v1.0\		
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		Delete
		Delete
	N	1ove <u>U</u> p
	Mc	ove D <u>o</u> wr
	Ec	lit <u>t</u> ext
	01	C 1
	OK	Cancel

Add the path to your unpacked PHP version, which contains the php.exe file:



Edit environment variable	×
%SystemRoot%\system32 %SystemRoot%	New
%SystemRoot%\System32\Wbem %SYSTEMROOT%\System32\WindowsPowerShell\v1.0\	<u>E</u> dit
%5YSTEMROOT%\System32	<u>B</u> rowse
C:\bluespice\bin\php-7.3.3	<u>D</u> elete
	Move <u>U</u> p
	Move D <u>o</u> wn
	Edit <u>t</u> ext
ОК	Cancel

Close all newly opened windows one after the other by clicking on "OK".

Checking the environment variable

To make sure the environment variable is set correctly, perform the following steps:

Enter the key combination Windows+R.

In the following dialog, enter "cmd" (1) and confirm with OK (2):



At the command prompt, type "php -v" (1) and press the Enter key. The found PHP version will be displayed (2).





If this is not the case, then the path to the php.exe file in the environment variables was incorrectly specified.

Configuring IIS for PHP

In the following steps, PHP will be included in IIS and IIS will be configured to provide a working basic setup:

First, call IIS Manager. To do this, enter the key combination Windows+R.

In the following dialog, enter "inetmgr" (1) and confirm with "OK" (2):



In the left pane, select your server name (1) and then double-click "PHP Manager" (2):





Click "Register new PHP version":

Internet Information Services (IIS)	Manager			- 0	×
> 🍕 🕨 WIN-OJBQSBRB	ISOL 🕨			🚥 🖂 🙆 🛛	0
ile View Help					
	Use this feat	HP Manager ure to check the PHP runtime sett	ngs, to configure PHP runtime directives and to enable or disable PHP extensions.		
	X	PHP Setup			
		PHP is not enabled. Regist	r new PHP version to enable PHP via FastCGI.		
		PHP version:	Not available		
		PHP executable:	Not available		
		Handler mapping:	Notavailable		
		Register new PHP version Cha	ge PHP version Check phpinfo()		
	0	PHP Settings			
		Configuration file:	Not available		
		Error log:	Not available		
		Configure error reporting Set r	ntime limits Manage all settings		
	*	PHP Extensions			
		PHP extensions are not availab			
		PHP extensions are not availab	e		
		Enable or disable an extension	Add an extension		
>	III) reatures Vi	iew and Content View			

In the following window select the browse "(...)" button:

Register new PHP version			?	×
Provide a path to the php executable	file (php-cgi.exe):		
Example: C:\PHP\php-cgi.exe				_
		ОК	Cance	

To manage the PHP settings in the next window:



Change to the path to which you previously unzipped PHP (1), mark the "php-cgi.exe" (2) and confirm the dialog with "Open" (3):

Select PHP executable file						\times
← → × ↑ 🔒 > Thi	s PC → Local Disk (C:) → blu	espice > bin > php-7.3.3		🗸 🖑 Search ph	p-7.3.3	Q
Organize 👻 New folde	r				E 🕶 🔲	?
🗄 Documents 🖈 ^	Name	Date modified	Туре	Size		
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Documents	php-cgi 2	3/6/2019 2:41 PM	Application	72 KB		
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b Music						
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Videos						
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🖆 CD Drive (D:) SSS						
×						
File <u>n</u> a	me:			PHP exec	utable (php-cgi.exe)	\sim
				<u>O</u> pe	n Cance	

Confirm again with "OK":

Register new PHP version	?	\times
Provide a path to the php executable file (php-cgi.exe):		
C:\bluespice\bin\php-7.3.3\php-cgi.exe		
Example: C:\PHP\php-cgi.exe		
ок	Cancel	

Click on "Configure error reporting":



Activate the item "Production machine" (1) and select a path and a file of your choice where PHP should save its log (2). Confirm with "Apply" (3):



WIN-9D4LKFKD	H51 +	i 🖬 🔤 🔂 1 🖲
File View Help		
File Wire Help mencilism	PHP Error Reporting. Use that the totar to configure how PPP reports and logs encry, warnings and information notice. Type and one of the series of the series will be reported and logged. I we change the thermal function the time reso will be reported and logged. I we change the series of the	Action Image: Action of the state of the st



This documentation assumes the recommended folder structure. If the path you specify here does not yet exist, please create it before clicking "Apply".

Click "Manage all settings":

Internet Information Services (IIS) Manager			
→ Sint WIN-0J8QSBR	BSOL +			😐 🖂 🔂 (
File View Help				
nnections	Use this feat	IP Manager are to check the PHP runtime se	tings, to configure PHP runtime directives and to enable or disable PHP extensions.	
	X	PHP Setup		
		 Not optimal PHP configu 	ration detected on this machine. <u>View recommendations.</u>	
		PHP version:	7.2.11	
		PHP executable:	C:\bluespice\bin\php+7.2.11\php+cgi.exe	
		Handler mapping:	Local	
		Register new PHP version Ch	ange PHP version Check phpinfo()	
	0	PHP Settings		
		Configuration file:	C\bluespice\bin\php-7.2.11\php.ini	
		Error log:	C\\bluespice\var\log\php-7.2.11_errors.log	
		Configure error reporting Set	runtime limits Manage all settings	
	*	PHP Extensions		
		There are 8 extensions enable	d.	
		There are 40 extensions instal	ed.	
		Enable or disable an extension	Add an extension	
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Adjust the following settings:

Name	Value	Section	
data timozona	"Europe/Berlin"	Data	
uate.time20ne	or your timezone	Date	
max_execution_time	600	PHP	
post_max_size	128M	PHP	
upload_max_filesize	128M	PHP	



To find these options faster, you can also use the filter (1). Go back afterwards (2):

2 I NIN-OJBQSBRB:	SOL >			🖬 🔤 🟠
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ections				Actions
- 🖄 😣	PHP settings			Add
Start Page	Configure all php settings the	at are stored in pho ini file. There settin	on control all accepts of BMP suptime, such error reporting, security, services and others	Open php.ini
WIN-OJ8QSBRBS0L (WIN-OJ8	compare on php seconds on		ig control of operation of the relation, such and reporting, second, sealors and outers.	Deck to main page
	Filter	- Show All Group by:	Section •	
	Name	Value	Section	. map
	PHP		*	
	allow_url_fopen	On	PHP	
	allow_url_include	Off	PHP	
	auto_append_file		PHP	
	auto_globals_jit	On	PHP	
	auto_prepend_file		PHP	
	cgi.fix_pathinfo	1	PHP	
	cgi.force_redirect	0	PHP	
	default_charset	"UTF-8"	PHP	
	default_mimetype	"text/html"	PHP	
	default_socket_timeout	60	PHP	
	disable_classes		PHP	
	disable_functions		PHP	
	display_errors	Off	PHP	
	display_startup_errors	Off	PHP	
	doc_root		PHP	
	enable_dl	Off	PHP	
	engine	On	PHP	
	error_log	"C:\bluespice\var\log\php-7	PHP	
	error_reporting	E_ALL & ~E_DEPRECATED	PHP	
	expose_php	On	PHP	
	extension_dir	"C:\bluespice\bin\php-7.2.11	PHP	
	fastcgi.impersonate	1	PHP	
	fastcgillogging	0	PHP	
	file_uploads	On	PHP	
	ntmi_errors	017	PHP Y	
	innore receated errors	0#	PHD	

In the main window, click "Enable or disable an extension":



Make sure that the following extensions are enabled:



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ile View Help			
nnections	A		Actions
• 🔒 🖄 😽	THP Extens	sions	Add
🖣 Start Page	010	distant for all we have been a first and the second side of the second	Enable
WIN-9D4LKFKDHS1 (WIN-9D4	PHP extensions and to co	aditional runcionality to PHP runcime, such as database connectivity, caching, debugging and others, use this reactive to enable or disable	Qoeo obo ini
- Application Pools	Eilten	- The car	Back to main page
> 🧕 Sites	Titten.	state	A Hole
	Name	State	. nop
	Enabled	·	
	php_curl.dll	Enabled	
	php_fileinfo.dll	Enabled	
	php_gd2.dll	Enabled	
	php_gettext.dll	Enabled	
	php_intl.dll	Enabled	
	php_mbstring.dll	Enabled	
	php_mysqli.dll	Enabled	
	php_openssl.dll	Enabled	
	php_soap.dll	Enabled	
	php_tidy.dll	Enabled	
	php_xmlrpc.dll	Enabled	
	Disabled	*	
	php_bz2.dll	Disabled	
	php_com_dotnet.dll	Disabled	
	php_dba.dll	Disabled	
	php_enchant.dll	Disabled	
	php_exif.dll	Disabled	
	php_ftp.dll	Disabled	
	php_gmp.dll	Disabled	
	php_imap.dll	Disabled	
	php_interbase.dll	Disabled	
	php_ldap.dll	Disabled	
	php_oci8_12c.dll	Disabled	
	php_odbc.dll	Disabled	
	php opcache.dll	Disabled	

To activate an extension, select it in the "Disabled" section (1) and activate it by clicking on "Enable" (2):

File View Help				
onnections	PHP Exten	nns -		Actions
· 🗟 🖄 😣				Add
Start Page WIN-OJ8QSBRBSOL (WIN-OJ8	PHP extensions provide an PHP extensions and to co	tional functionality to PHP runtime, such as database connectivity, caching, gure PHP extensions settings.	debugging and others. Use this feature to enable or disable	Enable 2 Open php.ini
Application Pools Sites	Filten	• 🐨 Go - 🐺 Show All Group by: State •		💠 Back to main page
	Name	State	^	😧 Help
	Enabled			
	php fileinfo.dll	Enabled		
	php_mendedu	Enabled		
	php gettest dil	Enabled		
	php intl.dll	Enabled		
	php mbstring.dll	Enabled		
	php mysoli.dll	Enabled		
	php openssi.dll	Enabled		
	php soap.dll	Enabled		
	php_xmlrpc.dll	Enabled		
	Disabled		· · ·	
	php_bz2.dll	Disabled		
	php_com_dotnet.dll	Disabled		
	php_curl.dll	Disabled		
	php_dba.dll	Disabled		
	php_enchant.dll	Disabled		
	php_exif.dll	Disabled		
	php_ftp.dll	Disabled		
	php_gmp.dll	Disabled		
	php_imap.dll	Disabled 1		
	php_interbase.dll	Disabled		
	php_idap.dll	Disabled		
	php_oci8_12c.dll	Disabled		
	php_odbc.dll	Disabled		
	php_opcache.dll	Disabled		
	when make Graduled all	Disability	v	

In the next step, expand the tree on the left until the "Default Web Site" becomes visible:



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< >	📧 Features View 💦 C	Content View			
Ready					6 7.

Right-click (1) and then click "Remove" (2):

💐 Internet Information Servi	ces (IIS) Manager				- 🗆 ×
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File View Help					
Connections	Filter	🔹 🐨 Go 🗟 🕁 🖓 Show	All Group by: No Grouping -		Actions Add Website Set Website Defaults
 The order set of the order	 Notifier Teatures View Control Contrective Control Control Control Control Control Control Contro	Content Were	I unorogo no Grouping -	Path %gratmDhire%Jintgubhowwroot	P Hdp
neauy					1 .

Confirm the following dialog with "Yes":



Right-click on "Sites" (1) and click on "Add Website" (2):



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na mana	
← → ■ + WIN-URLEWREXU + Sites +	M = A A
File View Help	
Connections Sites	Actions
	Add Website
Filter	Halo
Application Pools Name ID Status Binding Path	W hop
Add Website 2	
22 Refresh	
Switch to Content View	
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K Pacific Control Cont	63

Enter the site name "BlueSpice" (1) and select the path on your server where your BlueSpice installation will be located later (2). Confirm with "OK" (3):

Add Website	?	×
Site name: Application pool:		
BlueSpice BlueSpice Sglect		
Content Directory		
Physical path:		
Pass-through authentication		
<u>C</u> onnect as Test Settings		
Binding		
<u>Iype:</u> <u>IP address:</u> P <u>o</u> rt:		
http V All Unassigned V 80		
Host name:		
Example: www.contoso.com or marketing.contoso.com		
✓ Start Website immediately		
ок 3	Cancel	



This documentation assumes the recommended folder structure. If the path you specify here does not yet exist, please create it before clicking "OK".



The new page is now listed in the IIS overview page:

Conternet Information Services (IIS)	Manager					- 🗆 ×			
← → 🙆 + WIN-0J8QSBRP	ISOL + Sites +					🖬 🖂 🚱 •			
File View Help									
Connections 	Sites	Sites • 10 Go - @ Show All [Group bit: No Grouping •							
 WIN-OJ8QSBRBSOL (WIN-OJ8 Application Pools 	Name	ID	Status	Binding	Path	😯 Help			
🗸 💽 Sites	BlueSpice	1	Started (ht	*:80 (http)	C:\bluespice\var\www				
۲	Tature View	S Content View							
Ready						• <u>1</u>			

Next step

If you have successfully completed all these steps, you can proceed to the next step " MariaDB".

PHP Manager on Windows

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

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3	Next step	51





PHP Manager conveniently integrates PHP into your IIS installation. The steps listed here are required.

Download

In Internet Explorer, open the official download page on iis.com (1). Click "Download this extension" (2).

(i) This site uses of	cookies for analytics, p	versonalized con	ds. By continuing	to browse this site, you	agree to this use.			Learn more
Microsoft			Search all of IIS.NE	Sign In Jo				
IS Home	Manage	Downloads	Learn	Reference	Solutions	Blogs	Forums	
I Downloads Comm	nunity Contributed	Downloads Microsoft	t Supported Dov	wnloads Free Web	Platform Installer			
ime > Downloads > Con	mmunity Contributed	Downloads > PHP Manage	er 1.5.0 for IIS 10					
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ome > Downloads > Con	nmunity Contributed	Downloads > PHP Manage	er 1.5.0 for IIS 10	Download t	his extension	2		
ome > Downloads > Cor. 'HP Manager _ This is a Community Cont	mmunity Contributed 1.5.0 for IIS tributed Download	Downloads > PHP Manage	er 1.5.0 for IIS 10	Download t	his extension	2		
ome > Downloads > Cor 'HP Manager This is a Community Contr	mmunity Contributed 1.5.0 for IIS tributed Download	Downloads > PHP Manage	er 1.5.0 for IIS 10	Download t Get official doweloads w	his extension	2		
HP Manager This is a Community Cont	nmunity Contributed 1.5.0 for IIS tributed Download Hast App	Downloads > PHP Manage	er 1.5.0 for IIS 10	Download t Get official downloads w	his extension	2		
Dome > Downloads > Cor HP Manager This is a Community Conto Category icense	1.5.0 for IIS tributed Download Host App Free	Downloads > PHP Manage	er 1.5.0 for IIS 10	Download t Get official downloads w	his extension	0		
HP Manager This is a Community Contain Category License Lapported by	1.5.0 for IIS Host App Free Knowled	Downloads + PHP Manage 10 Nications, Manage ge base, Forums	er 1.5.0 for IIS 10	Download t Get official downloads w	his extension	3		
me + Downloads + Cor HP Manager Tris is a community Conto ategory censo censo upported by Vorks With	nmunity Contributed 1.5.0 for IIS ributed Download Host App Free Knowled IIS 7, IIS	Downloads + PHP Manage 10 Nications, Manage ge base, Forums 7.5, IIS 8, IIS 85, IIS 10	er 1.5.0 for IIS 10	Download t	his extension te de We Platform Installer	9		
me + Downloads + Cor HP Manager This is a Community Contr ategory icense upported by Vorks With tocumentation	mmunity Contributed 1.5.0 for IIS ritisted Develoat Host App Free Knowled IIS 7, IIS PHP Mar	Downloads + PHP Manage 10 Nications, Manage ge base, Forums 7.5, IIS &, IIS &5, IIS 10 ager 1.5.0 for IIS 10 Docc	er 1.5.0 for IIS 10	Download t	his extension	2		
HP Manager This is a Community Contri Lategory License Lupported by Vorka With Documentation Jpdated on	mmunity Contributed 1.5.0 for IIS irituited Download Host App Free Knowled IIS 7, IIS PHP Mar May 31,	Downloads + PHP Manage	umentation	Download t	his extension	0		

Confirm the following dialog with "OK":



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



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

Installing PHP Manager

Open the downloaded PHPManagerForIIS_V1.5.0.msi file.

Start the installation by clicking "Next >":



Confirm the license (1) and click on "Next >" (2):



🚰 PHP Manager for IIS	_		\times
License Agreement			
Please take a moment to read the license agreement now. If you accept the Agree'', then "Next". Otherwise click "Cancel".	terms E	oelow, clic	ж ''I
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Permission is hereby granted, free of charg person obtaining a copy of this software and associated documentati (the "Software"), to deal in the Software without restriction, includ limitation the rights	on f	o any iles withou	it v
O I Do Not Agree			
Cancel < Bac	2	Next	t>

The installation is now executed and completed without further confirmation. You can close the setup program when finished:

🔀 PHP Manager for IIS	_		\times
Installation Complete			
PHP Manager for IIS has been successfully installed.			
Click "Close" to exit.			
Please use Windows Update to check for any critical updates to the .NET I	Framew	ork.	
Cancel < Back		С	lose

Next step

If you have completed all steps successfully, you can delete the previously downloaded "PHPManagerForIIS_V1.5.0.msi" file from your hard disk and continue to the next step "PHP 7.3".



Upgrade 3.x free to 3.x pro

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

To upgrade from **BlueSpice free 3.x to BlueSpice pro 3.x** (under Linux), follow these instructions:

- 1. **Create backup:** Make a database dump and save it together with the complete codebase to another storage location.
- 2. **Patch-update BlueSpice free (optional):** Check your current version on the Special: Version page. Compare your version with the current version of BlueSpice free. If you have not installed a relatively current version, apply a patch update.
- 3. **Replace the codebase:** Overwrite the codebase of your current version with the new codebase of BlueSpice pro.
- 4. Start the update:
 - 1. Open a console and switch to he installation directory (the level of LocalSettings.php)
 - 2. Execute: php maintenance/update.php
- 5. **Re-index the search:**
 - Delete search index: php extensions/BlueSpiceExtendedSearch/maintenance/initbackends. php
 - 2. Create new search index: php extensions/BlueSpiceExtendedSearch/maintenance
 /rebuildIndex.php --quick
 - 3. Run jobs: php maintenance/runJobs.php