



# Setup:Installation Guide/System Preparation/Windows /MariaDB

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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

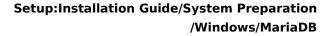
Alternatively, you can use MySQL at this point, but we recommend the database server MariaDB as described below.

## Download

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

$\leftrightarrow$ $\rightarrow$ C $\hat{\mathbf{G}}$ downloads.mari	adb.org/mariadb/		ē,	A 🔒 :
MariaDB Four	dation			
	Download	<b>S</b> Source, Binaries, and F	Packages	
Maria		Red Hat, Debian, Ubuntu, openSU n tool.	JSE, or Mageia? See our	
		available for every release, or the la repositories. See Getting the MariaD		
and open source software The MariaDB database server is published as i and open source softw under the General Pub License version 2. You	SOURCE MariaDB 10.6 is the current stable series of MariaDB. It is built on MariaDB 10.5 with			
charge. All use of the binaries from mariadb. at your own risk as stat the GPLv2. While we d best to make the world best database software MariaDB Foundation d not provide any guaran and cannot be held lab any issues you may encounter.	ed in MariaDB 10.5 is a stable o our series of MariaDB. It is b on MariaDB 10.4 with ne features not found anyw? else.	uilt (GA) release series of w MariaDB. It is built on	MariaDB 10.3 Series MariaDB 10.3 is a stable (GA) release series of MariaDB. It is built on MariaDB 10.2 with new features not found anywhere else. See "What is MariaDB 0.37" for an overview.	
The MariaDB Foundati does not provide any h support services if you into troubles while usin	elp or Stable	Download 10.4.21 Stable Release Notes Changelog	Download 10.3.31 Stable Release Notes Changelog	

Select the MSI package in the 64bit version:



- > C  a downloads.mariadb.org					⊠ ☆ ≗ :
MariaDB Foundatio		ads s	ource, Binaries, a	nd Pack	kages
MariaDB	releases, click on "V MariaDB 1 Release Notes	fiew All Rele	use the checkboxes in i asses". For faster downlo Stable 2021-08 9 oduct support, professio	ads choos -06	se a mirror close to you. View all releases
MariaDB is free and open source software	MariaDB Corpora	tion. To lear	ailable from the MariaDE n more about them and DB Corporation at sales OS / CPU	their servio	ces for MariaDB, visit
The MariaDB database server is published as free and open source software	mariadb- 10.6.4.tar.gz	source tar.gz file	Source	84.9 MB	DEB Package
under the General Public License version 2. You can download and use it as much as you want free of	mariadb-10.6.4- winx64- debugsymbols.zip	ZIP file	Windows x86_64	115.0 MB	Generic Linux
charge. All use of the binaries from mariadb.org is at your own risk as stated in	mariadb-10.6.4- winx64.msi	MSI Package	Windows x86_64	54.7 MB	RPM Package
the GPLv2. While we do our best to make the world's best database software, the	mariadb-10.6.4- winx64.zip	ZIP file	Windows x86_64	74.2 MB	U Windows
MariaDB Foundation does not provide any guarantees and cannot be held liable for	mariadb-10.6.4- win32- debugsymbols.zip	ZIP file	Windows x86	87.2 MB	Checksum
any issues you may encounter.	mariadb-10.6.4- win32.msi	MSI Package	Windows x86	50.1 MB	Package Type
The MariaDB Foundation does not provide any help or support services if you run into troubles while using	mariadb-10.6.4- win32.zip	ZIP file	Windows x86	66.3 MB	MacOS pkg DEB Package

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



BlueSpice

←

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 10.6 (x64) Setup	_		$\times$
End-User License Agreement Please read the following license agreement carefully	Maria Ser		-
GNU GENERAL PUBLIC LICENSE			^
Version 2, June 1991			
Copyright (C) 1989, 1991 Free Software Foundation Street, Fifth Floor, Boston, MA 02110-1335 USA I to copy and distribute verbatim copies of this licer changing it is not allowed.	Everyone is per	mitted	
Preamble			
The licenses for most software are designed to tal	ke away your fr	eedom	~
☑ I accept the terms in the License Agreement	2		
Print Back	Next	Cano	cel

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



🕼 MariaDB 10.6 (x64) Setup	– 🗆 X
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 feat a requires 142MB on your hard drive. It has 3 of 3 subfeatures selected. The subfeatures require 72MB on your hard drive.
Location: C:\Program Files\MariaDB 10.6\	Browse
Reset Disk Usage	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
<ul> <li>Modify password for database user 'root' New root password:</li> <li>Confirm:</li> <li>Enable access from remote machines 1 'root' user</li> <li>Use UTF8 as default server's character set</li> </ul>	
	Back Next 2 ancel

Confirm the next step by clicking "Next":

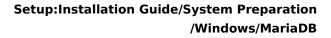


🖟 Database settings			-		$\times$
Default instance MariaDB 10.6 (x64)	properties database configuratio	n	Maria Se	DB erver 🗲	A
✓ Install as service Service Name:	MySQL]	]0			
🗹 Enable networkin	g				
TCP port:	3306				
Innodb engine s	ettings				
Buffer pool size:	634 MB				
Page size:	16 ~ KB 3		2		
		Back	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 5	A
Enable the Feedback plugin and submit ar Monty Program has created a Feedback plugin f collects basic anonymous statistical information. developers to improve MariaDB. Enabling this plu MariaDB development. Collected statistics, and can be viewed at http://mariadb.org/feedback More Info	for MariaDB which, if enabled, . This information is used by the ugin is an easy way to help with more information on the plugin,	
	Back Next Car	ncel

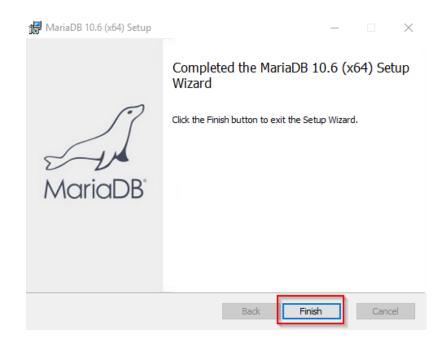
Now start the installation:





🛃 MariaDB 10.6 (x64) Setup	_		×
Ready to install MariaDB 10.6 (x64)	Maric	IDB erver ⊄	A
Click Install to begin the installation. Click Back to review installation settings. Click Cancel to exit the wizard.	w or change any of	your	
Back	Install	Can	cel

When the installation is complete, exit the installer:



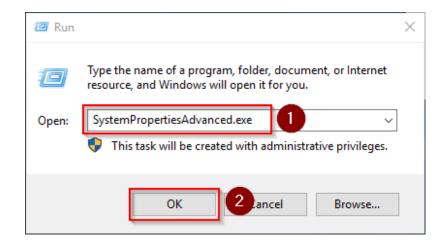
### Setting the environment variable

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):

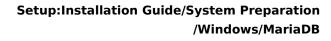




#### Click "Environment Variables":

System Properties	$\times$				
Computer Name Hardware Advanced Remote					
You must be logged on as an Administrator to make most of these change	s.				
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	ŗ				

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





Variable	Value
Path	C:\Users\Administrator\AppData\Local\Microsoft\WindowsApps;
TEMP	C:\Users\Administrator\AppData\Local\Temp
TMP	C:\Users\Administrator\AppData\Local\Temp
	New Edit Delete
stem variables	
	Velue
Variable	Value
Variable ComSpec	C:\Windows\system32\cmd.exe
Variable ComSpec DriverData	C:\Windows\system32\cmd.exe C:\Windows\System32\Drivers\DriverData
Variable ComSpec DriverData NUMBER_OF_PROCESSORS	C:\Windows\system32\cmd.exe C:\Windows\System32\Drivers\DriverData 1
Variable ComSpec DriverData NUMBER_OF_PROCESSORS OS	C:\Windows\system32\cmd.exe C:\Windows\System32\Drivers\DriverData 1 Windows_NT
Variable ComSpec DriverData NUMBER_OF_PROCESSORS OS Path	C:\Windows\system32\cmd.exe C:\Windows\System32\Driver>DriverData 1 Windows_NT C:\Windows\system32;C:\Windows;C:\Windows\System32\Wber;
Variable ComSpec DriverData NUMBER_OF_PROCESSORS OS Path PATHEXT	C:\Windows\system32\cmd.exe C:\Windows\System32\Driver\DriverData 1 Windows_NT C:\Windows\system32;C:\Windows;C:\Windows\System32\Wbem; .COM;EXE;BAT;:CMD;VBS;VBE;JS;JSE;WSF;WSF;MSC
Variable ComSpec DriverData NUMBER_OF_PROCESSORS OS Path	C:\Windows\system32\cmd.exe C:\Windows\System32\Driver>DriverData 1 Windows_NT C:\Windows\system32;C:\Windows;C:\Windows\System32\Wber;
Variable ComSpec DriverData NUMBER_OF_PROCESSORS OS Path PATHEXT	C:\Windows\system32\cmd.exe C:\Windows\System32\Driver\DriverData 1 Windows_NT C:\Windows\system32;C:\Windows;C:\Windows\System32\Wbem; .COM;EXE;BAT;:CMD;VBS;VBE;JS;JSE;WSF;WSF;MSC

#### Click "New":

Edit environment variable	$\times$
%SystemRoot%\system32 %SystemRoot% %SystemRoot%\System32\Wbem	<u>N</u> ew
%SYSTEMROOT%\System32\WindowsPowerShell\v1.0\	Lou
%SYSTEMROOT%\System32\OpenSSH\	<u>B</u> rowse
	<u>D</u> elete
	Move <u>U</u> p
	Move D <u>o</u> wn
	Edit <u>t</u> ext
ОК	Cancel



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 .

Umgebungsvariable bearbeiten	×
%SystemRoot%\system32	Neu
%SystemRoot%	
%SystemRoot%\System32\Wbem	Bearbeiten
%SYSTEMROOT%\System32\WindowsPowerShell\v1.0\	
%SYSTEMROOT%\System32\OpenSSH\	Durchsuchen
C:\bluespice\bin\php 7.4 C:\Program Files\MariaDB 10.6\bin	Löschen
	Nach oben
	Nach unten
	Text bearbeiten
ОК	Abbrechen

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".