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

19.04.2025 This document was created with BlueSpice

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

A <u>quality version</u> of this page, <u>approved</u> 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 <u>official download page</u> (1). Click on the corresponding download link (2).



#### Select the MSI package in the 64bit version:

€ → ሮ ŵ 🛛 🔍 🖗	https://downloads.mariadb.org	/mariadb/10.3	.13/		F	⊠ ☆	lii\ 🖽	=
MariaDB is free and	MariaDB 10.3.13 Release Notes Changelor Affordable, enterprise class pr Foundation's release sponsor MariaDB Corporation at sales	oduct support, MariaDB Corp	professional services, an poration. To learn more ab					S
open source software The MariaDB database server is published as free and open source software under the	File Name	Package Type	OS / CPU	Size	Meta	Want to learn more al out our whitepapers.	oout MariaDB? Check	
General Public License version 2. You can download and use it as much as you want free of charge. All use of the binaries from	mariadb-10.3.13.tar.gz	source tar.gz file	Source	70.7 MB	Checksum			
mariadb.org is at your own risk as stated in the GPLv2. While we do our best to make the	Galera 25.3.25 source and packages		Source			Operating System		
world's best database software, the MariaDB Foundation does not provide any guarantees and cannot be hold liable for any issues you	For best results with RPM and DEB packages, use the Repository Configuration Tool.				DEB Package			
nay encounter. The MariaDB Foundation does not provide any	mariadb-10.3.13-winx64- debugsymbols.zip	ZIP file	Windows x86_64	144.0 MB	Chedsum	Generic Linux		
elp or support services if you run into troubles while using MariaDB. Support and guarantees re available on commercial terms from	mariadb-10.3.13-winx64.zip	ZIP file	Windows x86_64	69.5 MB	Chedsum	Source Code Windows		
nultiple MariaDB vendors. There are alse nany resources you can use to learn MariaDB ind support yourself or get peer support	mariadb-10.3.13-winx64.msi	MSI Package	Windows x86_64	54.5 MB	Chedsum			
nline.	mariadb-10.3.13-win32.zip	ZIP file	Windows x86	62.5 MB	Chedaum	Package Type		
Supported and certified binaries available from commercial vendors	mariadb-10.3.13-win32- debugsymbols.zip	ZIP file	Windows x86	111.9 MB	Checksum	MacOS pkg     DEB Package     RPM Package		
There multiple MariaDB vendors that provide different kinds of guarantees based on the	mariadb-10.3.13-win32.msi	MSI Package	Windows x86	49.1 MB	Checksum	MSI Package		

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.

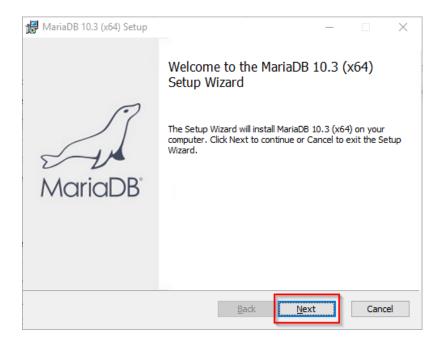


In the following the MariaDB version 10.3.13 is used and serves as an example only for the latest version, which you can download at the time of your installation.

# **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     Maria DB       Please read the following license agreement carefully     Server 5000000000000000000000000000000000000	L.
GNU GENERAL PUBLIC LICENSE	^
Version 2, June 1991	
Copyright (C) 1989, 1991 Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02111-1301, USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.	
Preamble The enses for most software are designed to take away your freedom	Ŷ
☑ I accept the terms in the License Agreement	
Print Back Next Car	ncel

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

🖟 MariaDB 10.3 (x64)	Setup		_		×
Custom Setup Select the way you	u want features to be installed		Maric	aDB erver ⊭	A
Click the icons in t	ne tree below to change the wa	ay feature	s will be installe	d.	
	ariaDB Server → Database instance → Client Programs → Backup utilities evelopment Components hird party tools → HeidiSQL	This fe your h subfea	server eature requires ard drive. It ha atures selected, atures require 4 Irive.	s 3 of 3 The	ur
Location:	C:\Program Files\MariaDB 10.3	١		Brows	e
Reset	Disk <u>U</u> sage	<u>B</u> ack	<u>N</u> ext	Car	ncel

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 to 'root' user	
	Back Next 2 ancel

Confirm the next step by clicking "Next":

🛃 Database settings			_		$\times$
Default instance MariaDB 10.3 (x64)	properties database configuratio	'n	Maria Se	DB rver 🗹	A
✓ Install as service Service Name:	MySQL				
CP port:	<b>g</b> 3306				
Innodb engine se	ettings				
Buffer pool size:	1023 MB				
Page size:	16 🗸 KB				
		<u>B</u> ack	Next	Cano	cel

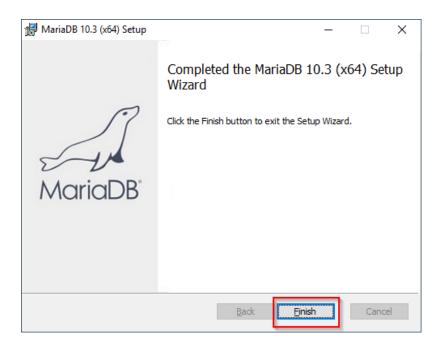
Confirm the next step by clicking "Next":

🕼 MariaDB 10.3 (x64) Setup	×
MariaDB 10.3 (x64) setup Submit usage information	MariaDB Server
Tenable the Feedback plugin and submit anor Monty Program has created a Feedback plugin for I collects basic anonymous statistical information. Th developers to improve MariaDB. Enabling this plugir MariaDB development. Collected statistics, and mor can be viewed at http://mariadb.org/feedback_plugin More Info	is information is used by the n is an easy way to help with re information on the plugin,
B	ack Next Cancel

#### Now start the installation:

🛃 MariaDB 10.3 (x64) Setup	_		×
Ready to install MariaDB 10.3 (x64)	Maria Se	DB rver ⊄	A
Click Install to begin the installation. Click Back to review o installation settings. Click Cancel to exit the wizard.	r change any of y	our	
Back	Install	Can	cel

When the installation is complete, exit the installer:

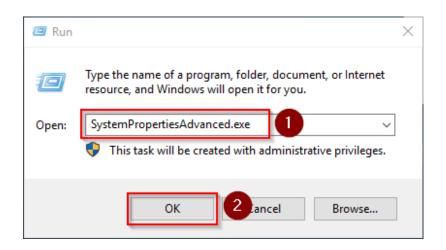


## Setting the environment variable

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 log	ged on as a	an Administrat	tor to make	e most of th	nese changes	ι.
Performance						
Visual effects,	processor s	cheduling, m	emory usag	ge, and vir	tual memory	
					Settings	
User Profiles						
Desktop setting	gs related to	o your sign-in				
					Settings	
Startup and Re	covery					
System startup	, system fail	ure, and deb	ugging info	mation		
					Settings	
				Environme	nt Variables	
		OK	(	Cancel	Apply	

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
ТМР	C:\Users\Administrator\AppData\Local\Temp
	New <u>E</u> dit <u>D</u> elete
stem variables	<u>N</u> ew <u>E</u> dit <u>D</u> elete
vstem variables Variable	
Variable ComSpec DriverData	Value
Variable ComSpec DriverData NUMBER_OF_PROCESSORS	Value C:\Windows\system32\cmd.exe C:\Windows\System32\Drivers\DriverData 1
Variable ComSpec DriverData NUMBER_OF_PROCESSORS OS	Value C:\Windows\system32\cmd.exe C:\Windows\System32\Drivers\DriverData 1 Windows_NT
Variable ComSpec DriverData NUMBER_OF_PROCESSORS OS Path	Value C:\Windows\system32\cmd.exe C:\Windows\System32\DriverData 1 Windows_NT C:\Windows\System32;C:\Windows;C:\Windows\System32\Wbem;
Variable ComSpec DriverData NUMBER_OF_PROCESSORS OS	Value C:\Windows\system32\cmd.exe C:\Windows\System32\DriverData 1 Windows_NT C:\Windows\system32;C:\Windows;C:\Windows\System32\Wbem; .COM;.EXE;:BAT;.CMD;.VBS;.VBE;JS;JSE;.WSF;.WSH;.MSC
ComSpec DriverData NUMBER_OF_PROCESSORS OS Path PATHEXT	Value C:\Windows\system32\cmd.exe C:\Windows\System32\DriverS\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":

%SystemRoot%\system32	<u>N</u> ew
%SystemRoot%	-
%SystemRoot%\System32\Wbem	<u>E</u> dit
%SYSTEMROOT%\System32\WindowsPowerShell\v1.0\	
%SYSTEMROOT%\System32\OpenSSH\	<u>B</u> rowse
	<u>D</u> elete
	Move <u>U</u> p
	Move D <u>o</u> wr
	Edit <u>t</u> ext

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 .

Edit environment variable	×
%SystemRoot%\system32	New
%SystemRoot%	
%SystemRoot%\System32\Wbem	<u>E</u> dit
%SYSTEMROOT%\System32\WindowsPowerShell\v1.0\	
%SYSTEMROOT%\System32\OpenSSH\	<u>B</u> rowse
C:\bluespice\bin\php-7.3.3	
C:\Program Files\Git\cmd	<u>D</u> elete
C\Program Files\nodejs\	
C:\Program Files\MariaDB 10.3\bin	
L	Move <u>U</u> p
	Move D <u>o</u> wn
	Edit <u>t</u> ext
	-
	-
	-
	-
OK	Cancel

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 "<u>OpenJDK</u>".