



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

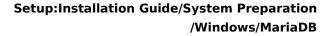
Alternatively, you can use MySQL at this point, but we recommend the database server MariaDB as described below.

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 | S 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 anywhelse. | 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 |
| Modify password for database user 'root' New root password: Confirm: Enable access from remote machines 1 'root' user Use UTF8 as default server's character set | |
| | Back Next 2 ancel |

Confirm the next step by clicking "Next":

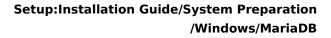


| 🖟 Database settings | | | - | | \times |
|--|-------------------------------------|------|-------------|---------------|----------|
| Default instance MariaDB 10.6 (x64) | properties database configuratio | n | Maria Se | DB erver 🗲 | A |
| ✓ Install as service Service Name: | MySQL] |]0 | | | |
| 🗹 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 |

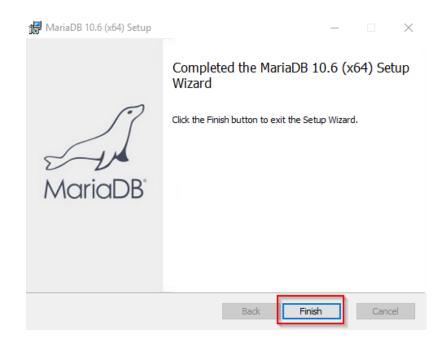
Now start the installation:





| 🛃 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:



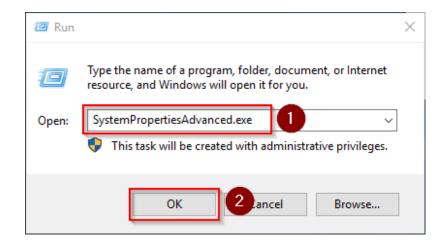
Setting the environment variable

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):

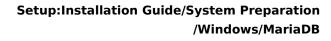




Click "Environment Variables":

| 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 .

| | 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 |
| <u>C\Program Files\nodejs\</u> | |
| C:\Program Files\MariaDB 10.3\bin | |
| | Move <u>U</u> p |
| | Move Down |
| | |
| | Edit text |
| | |
| | |
| | |
| | |
| | |
| | |

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".