

Contents

1. Setup:Installation Guide/System Preparation/Windows/MariaDB	2
2. Setup:Installation Guide/System Preparation/Windows/OpenJDK	11

Setup:Installation Guide/System Preparation/Windows /MariaDB

A [quality version](#) of this page, [approved](#) on *2 August 2021*, was based off this revision.

Contents

1 Introduction	3
2 Download	3
3 Installing MariaDB	4
4 Setting the environment variable	8
5 Next step	11



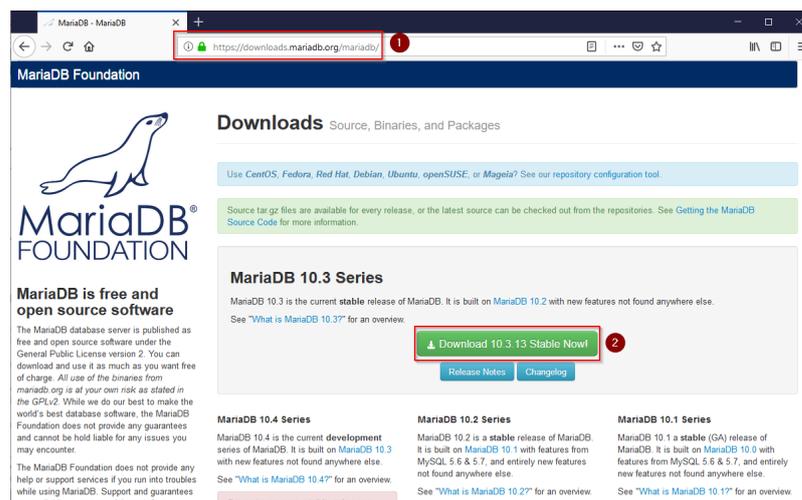
BlueSpice stores your content in a database for which you need to install a corresponding server. The steps listed here are required.

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](https://downloads.mariadb.org/mariadb/) (1). Click on the corresponding download link (2).



Select the MSI package in the 64bit version:

File Name	Package Type	OS / CPU	Size	Meta
mariadb-10.3.13.tar.gz	source tar.gz file	Source	70.7 MB	Checksum Instructions
Galera 25.3.25 source and packages				
For best results with RPM and DEB packages, use the Repository Configuration Tool .				
mariadb-10.3.13-winx64-debugsymbols.zip	ZIP file	Windows x86_64	144.0 MB	Checksum Instructions
mariadb-10.3.13-winx64.zip	ZIP file	Windows x86_64	69.5 MB	Checksum Instructions
mariadb-10.3.13-winx64.msi	MSI Package	Windows x86_64	54.5 MB	Checksum Instructions
mariadb-10.3.13-winx32.zip	ZIP file	Windows x86	62.5 MB	Checksum Instructions
mariadb-10.3.13-winx32-debugsymbols.zip	ZIP file	Windows x86	111.9 MB	Checksum Instructions
mariadb-10.3.13-winx32.zip	ZIP file	Windows x86	49.1 MB	Checksum Instructions

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.

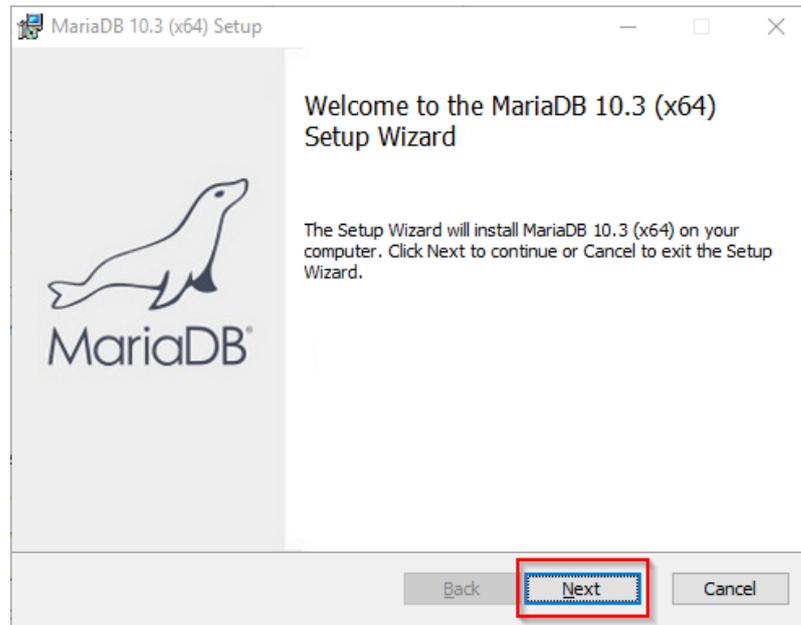


In the following the MariaDB version 10.3.13 is used and serves as an example only for the latest version, which you can download at the time of your installation.

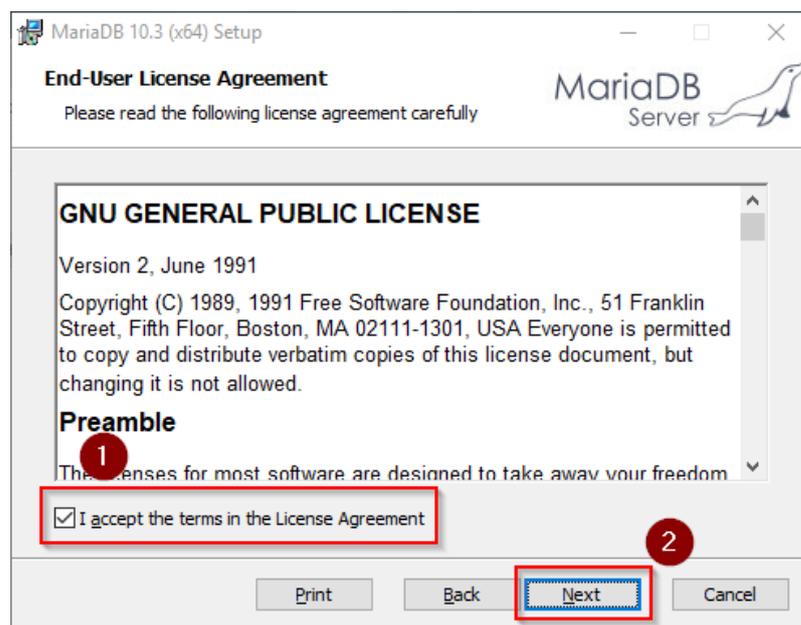
Installing MariaDB

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

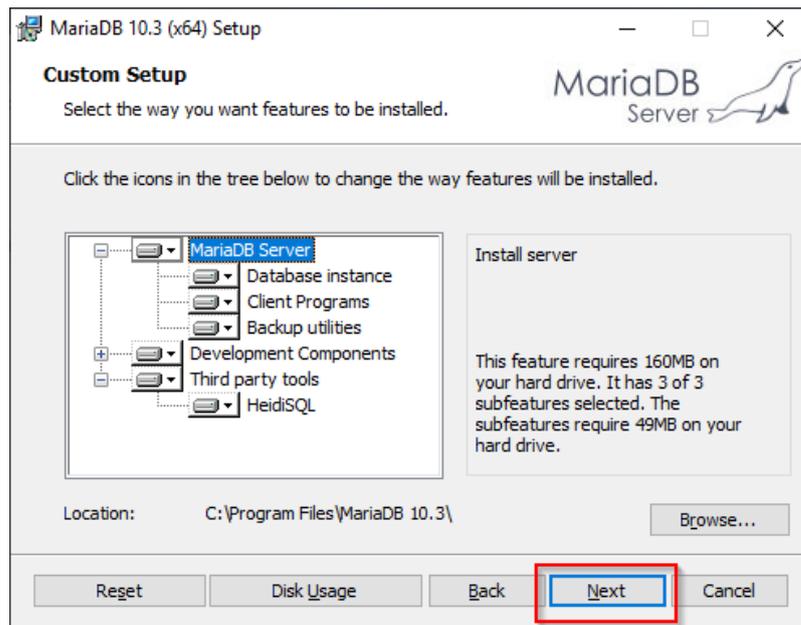
Start the installation by clicking "Next":



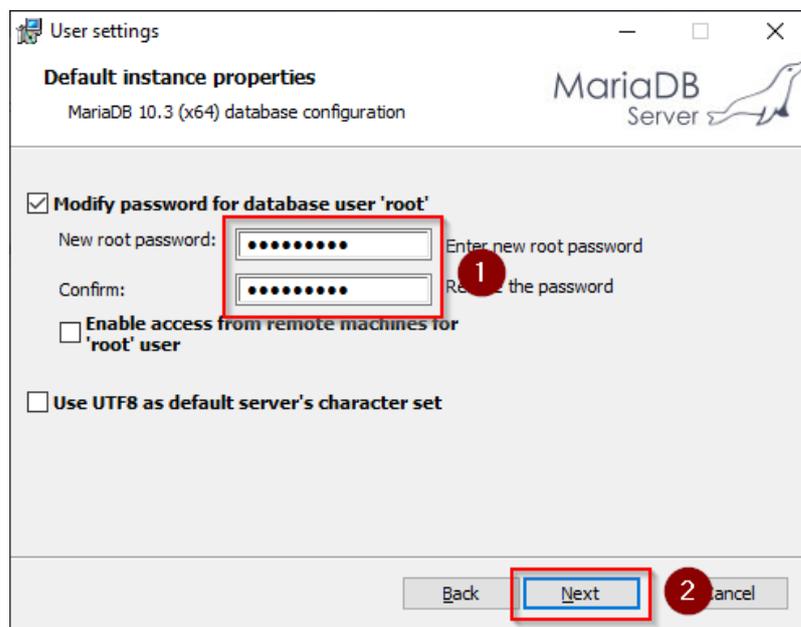
Confirm the license agreement (1) and click "Next" (2):



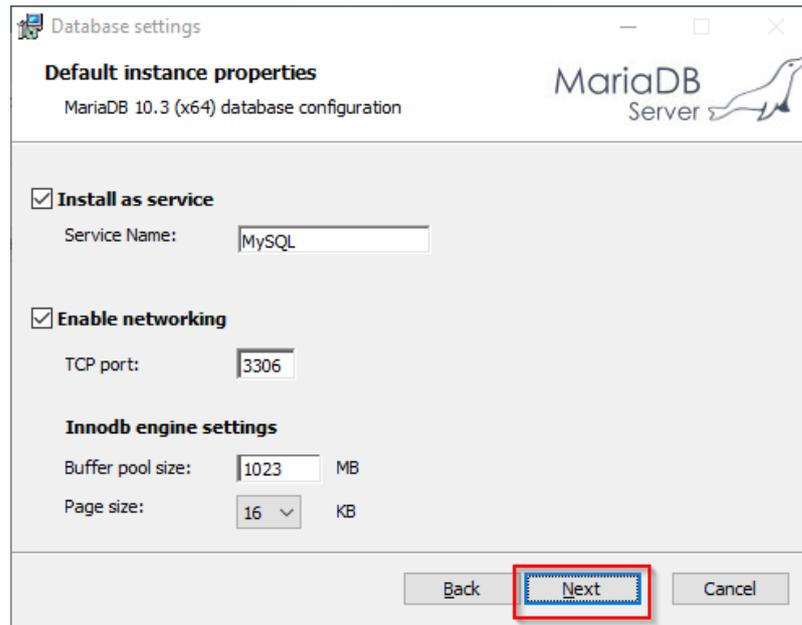
The next step you confirm by clicking on "Next".



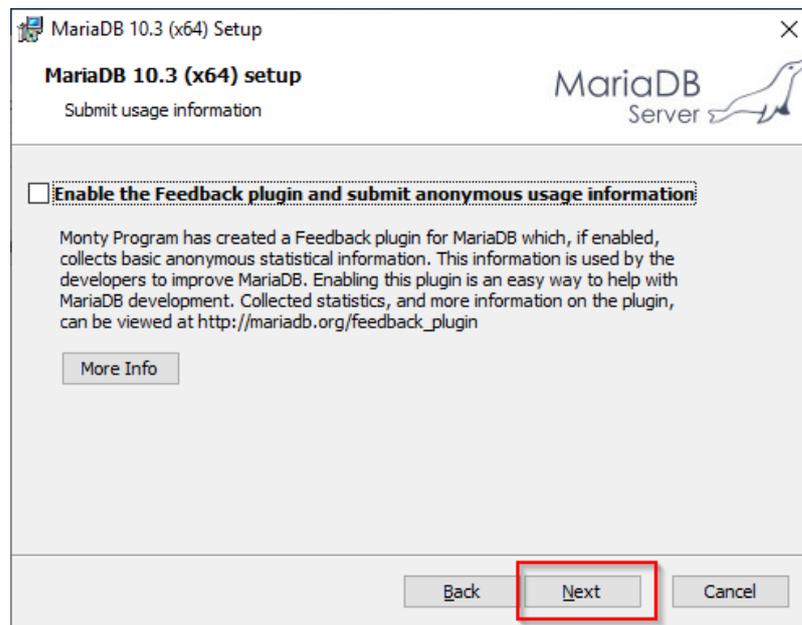
Provide a password. It will be used for the administrative user ("root") of the database server (1). Then, click "Next" (2):



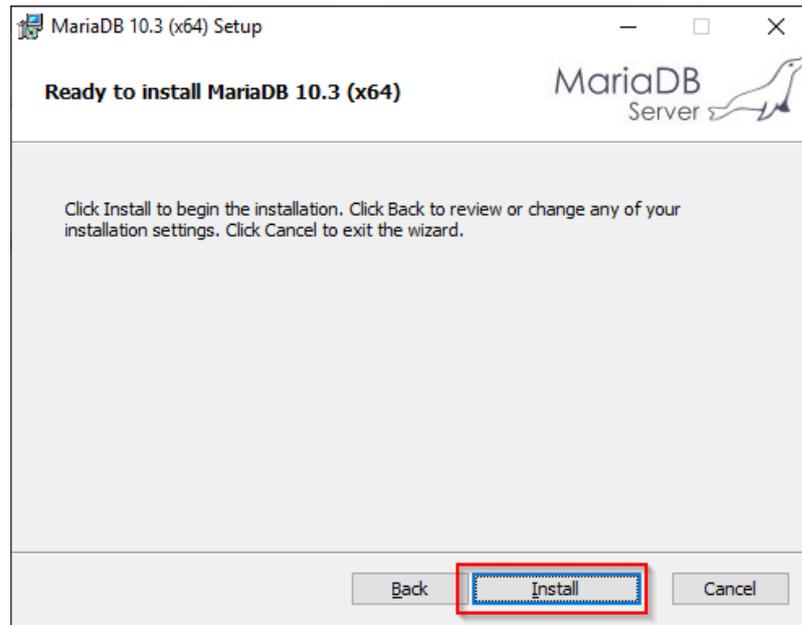
Confirm the next step by clicking "Next":



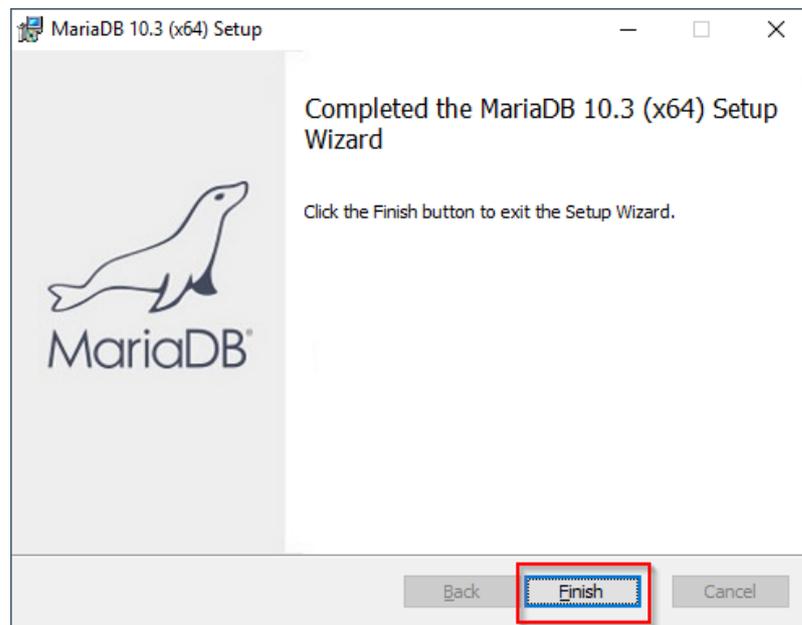
Confirm the next step by clicking "Next":



Now start the installation:



When the installation is complete, exit the installer:

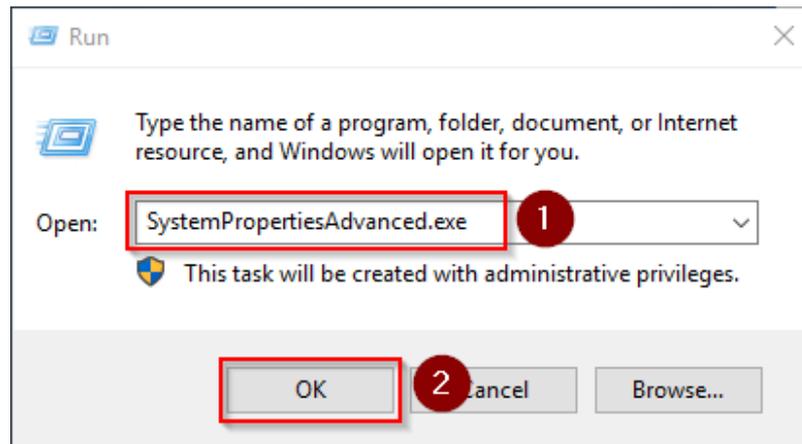


Setting the environment variable

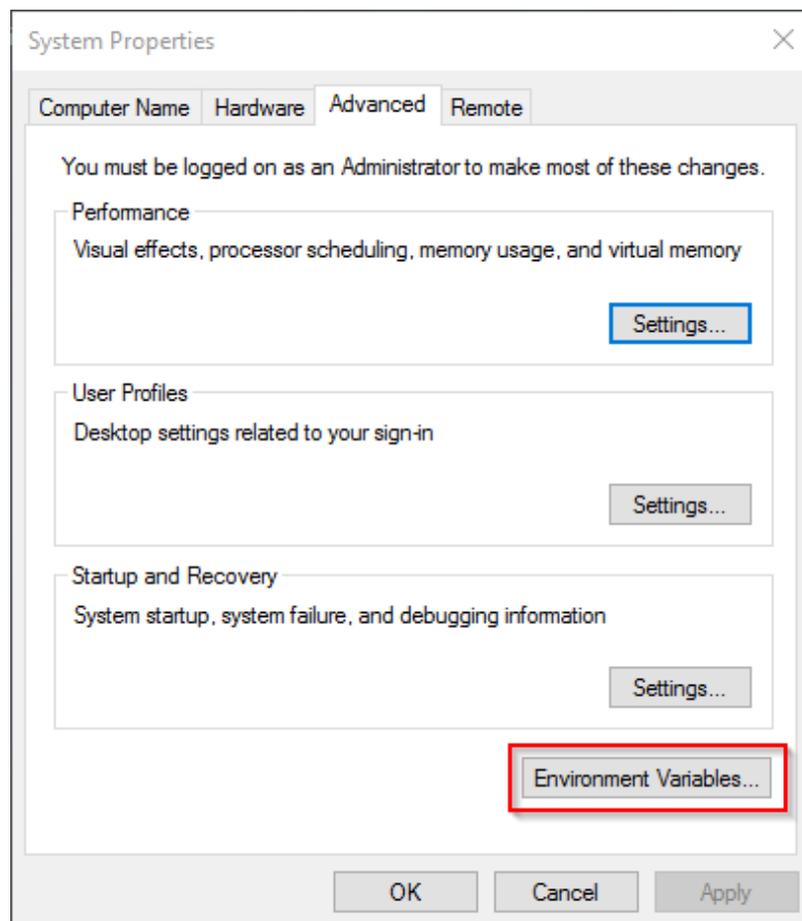
To use MariaDB easily on the command line of Windows, it is necessary to configure an environment variable in Windows accordingly. To do this, perform the following steps:

Enter the key combination Windows + R.

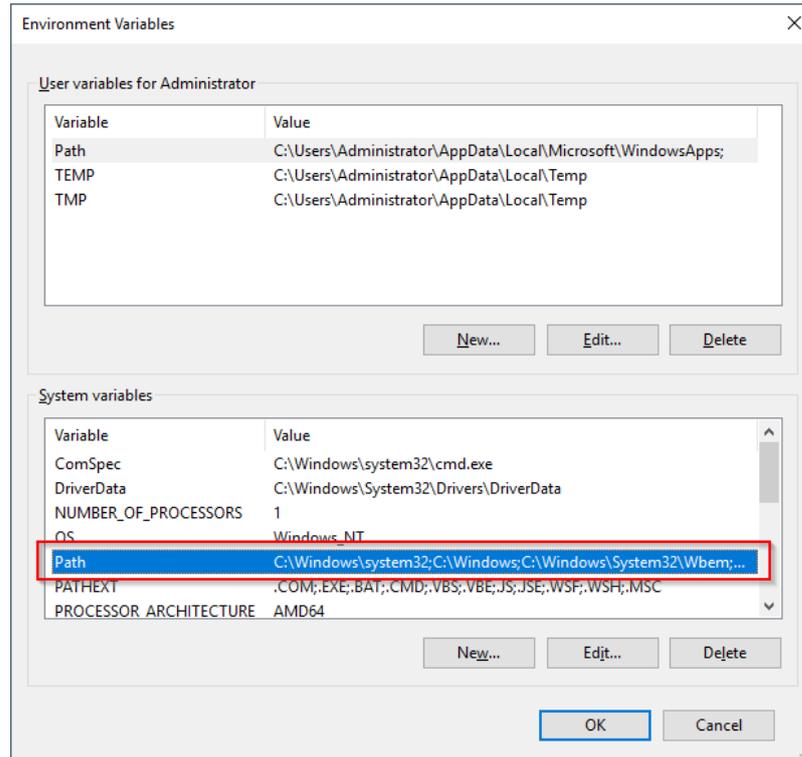
In the following dialog, enter "SystemPropertiesAdvanced.exe" (1) and confirm with OK (2):



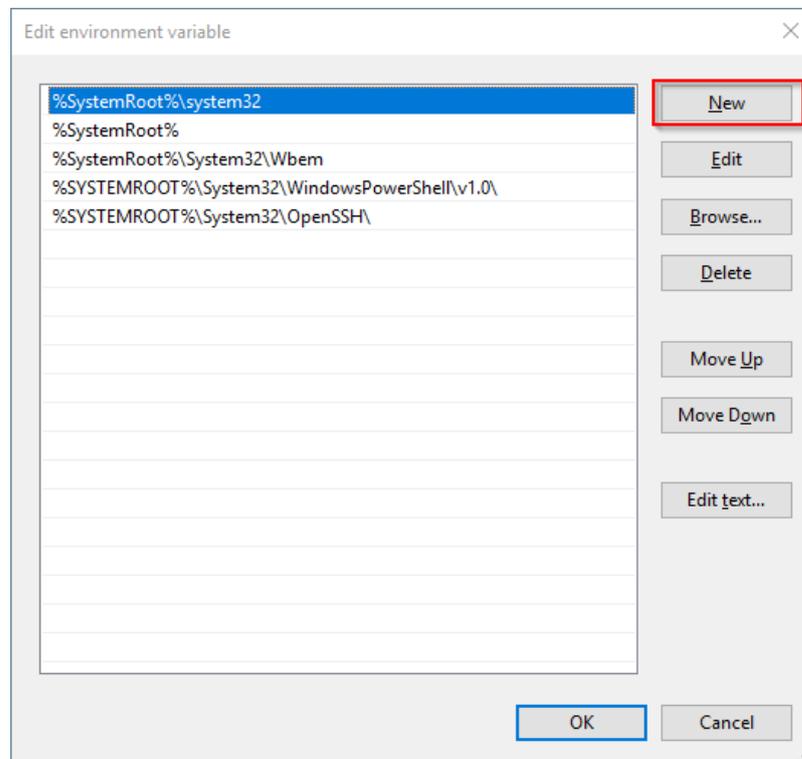
Click "Environment Variables":



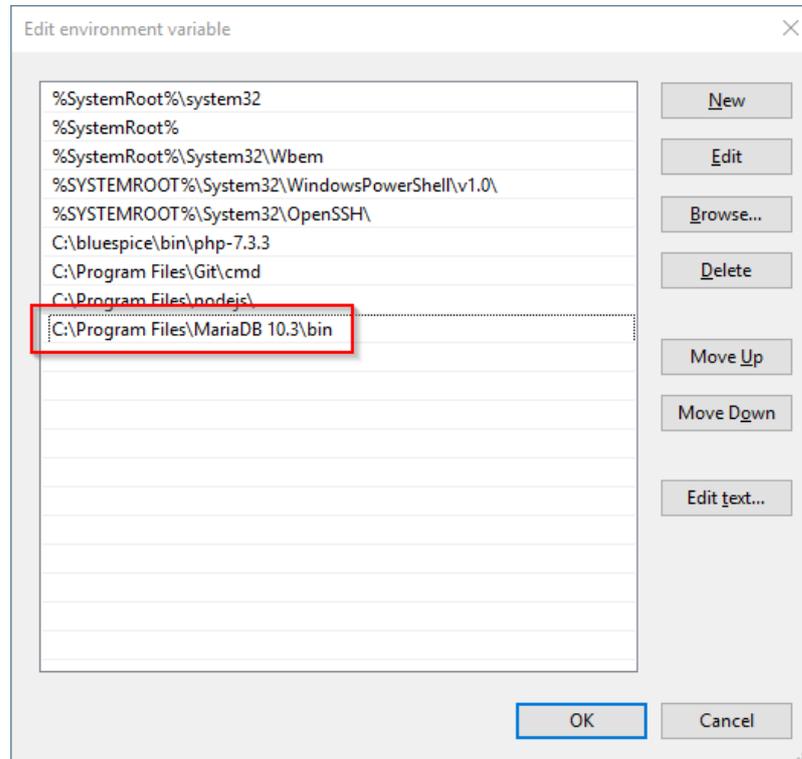
In the bottom pane of the now opened window double-click on the line "Path":



Click "New":



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`.



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](#)".

OpenJDK on Windows

A [quality version](#) of this page, [approved](#) on *25 June 2020*, was based off this revision.

Contents

1	Introduction	12
2	Download	12
3	Unpacking the ZIP archive	13
4	Setting the environment variable	13
5	Next step	15



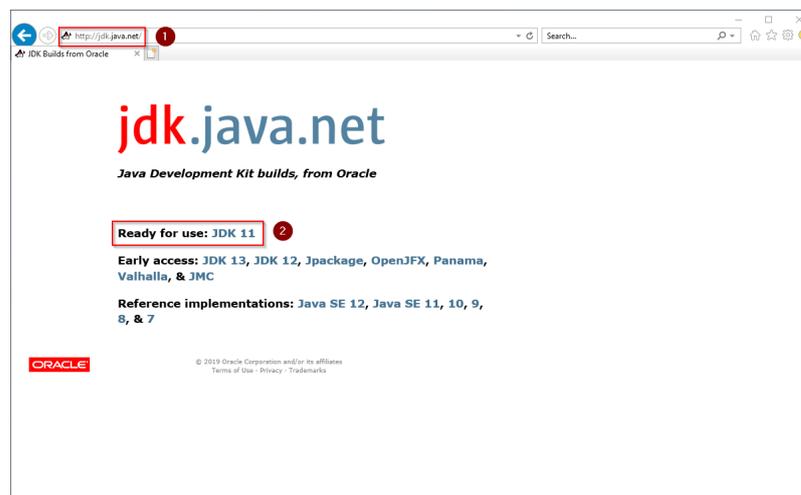
Java is a prerequisite for the operation of Advanced Search, PDF export, VisualDiff (BlueSpice pro only) and the LaTeX renderer (BlueSpice pro only). The steps listed here are optional and only required if you plan to use one or more of these services in your BlueSpice installation.

Introduction

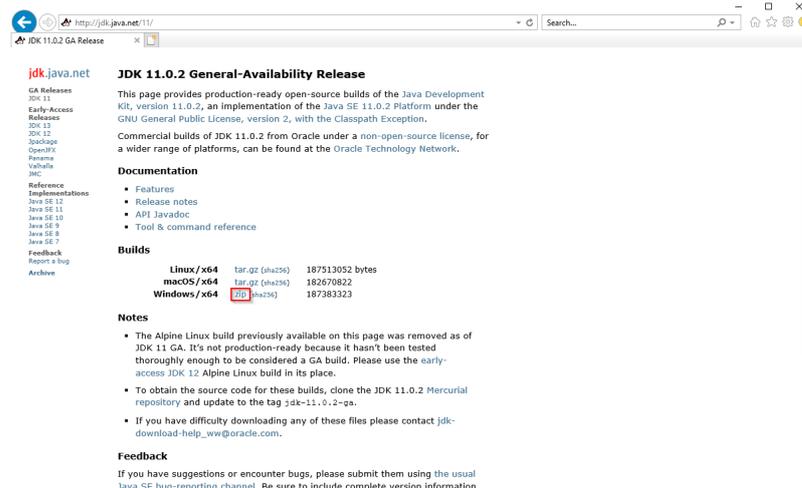
For licensing reasons, we decided to use the alternative OpenJDK published under the [GPL](#) instead of the Java Runtime Environment. Of course, you are free to use the JRE of <https://java.com/>, but here we only document OpenJDK.

Download

Open the [official download page](#) (1) in your browser and select the version marked "Ready for use" (2).



Select the ZIP archive in the 64bit version for Microsoft Windows



Follow the further download instructions and download the ZIP archive to your hard disk.



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, version 11.0.2 of OpenJDK is used and serves only as an example for the latest version, which you can download at the time of your installation.

Unpacking the ZIP archive

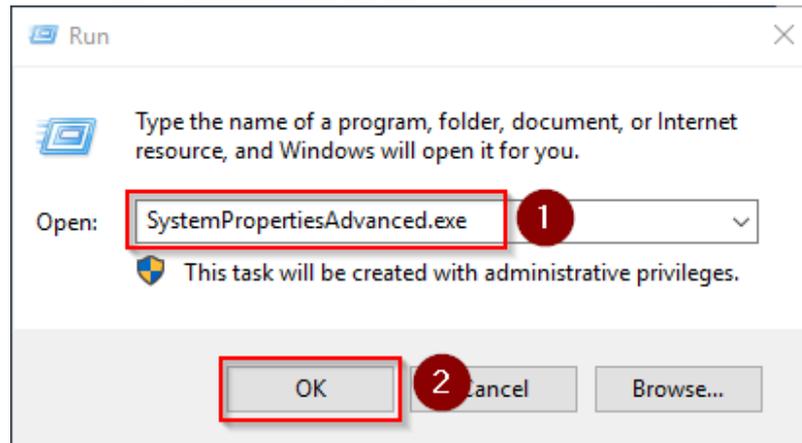
Unzip the ZIP archive that you just downloaded into a suitable system path on your hard drive.

{{Template:Hint|text=This documentation is based on the [[Setup: Installation Guide/Advanced /Windows_Folder_Structure | folder structure recommended by us]]. For this reason, OpenJDK is unpacked into the folder C:\bluespice\bin\jdk-11.0.2. If you have different folder requirements, you must adapt these paths accordingly.}}

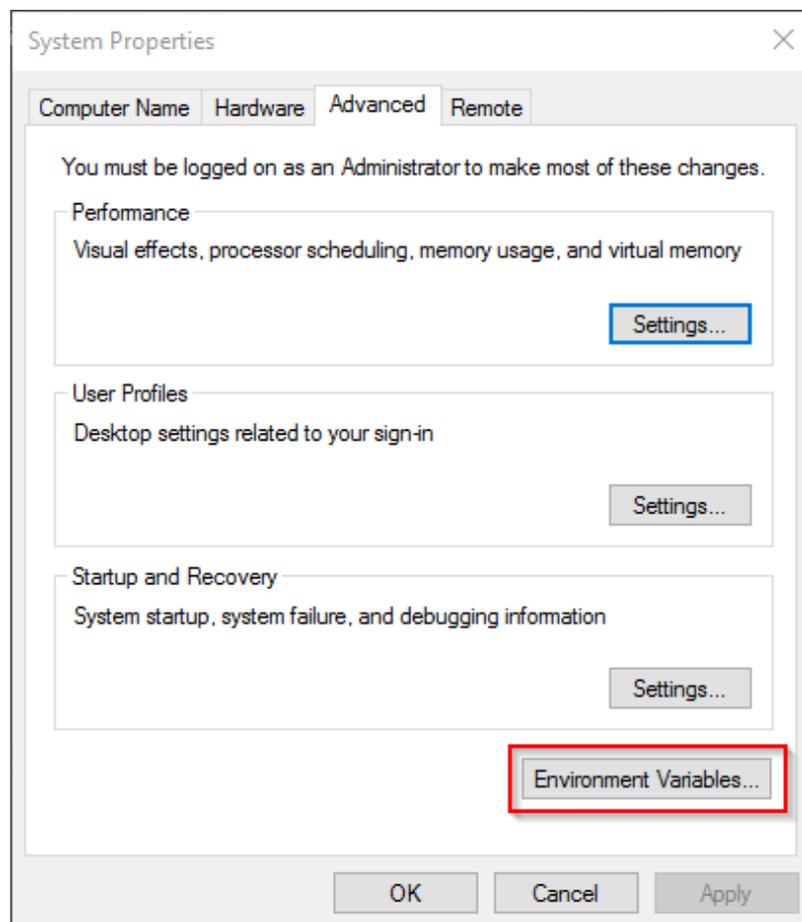
Setting the environment variable

Press the key combination Windows+R.

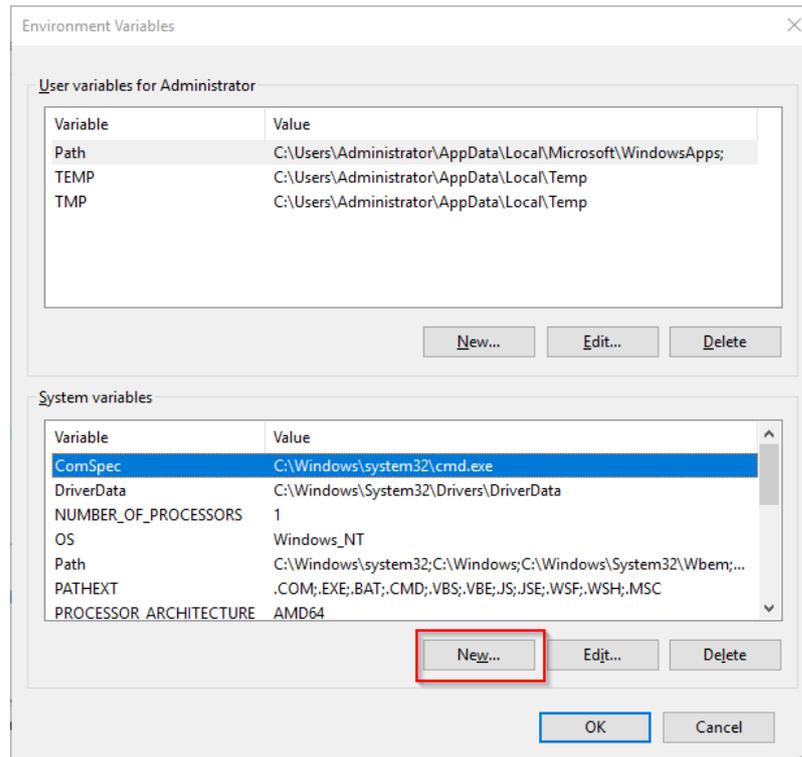
In the following dialog, enter "SystemPropertiesAdvanced.exe" (1) and confirm with OK (2):



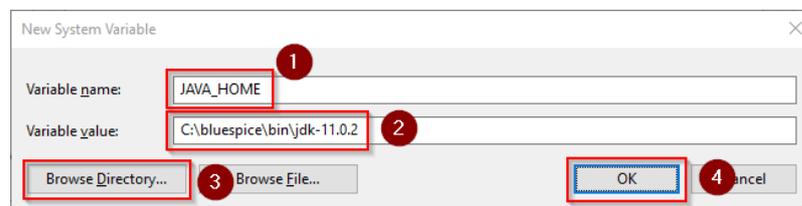
Click "environment variables":



Click "New...":



Set the name of the variable "JAVA_HOME" (1). As the value of the variable, specify the directory of your OpenJDK installation that you have just copied to C:\ bluespice\bin (2). Here you can use the "browse directory" button (3). Then click "OK" (4):



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

Next step

If you have completed all steps successfully, you can delete the previously downloaded "openjdk-11.0.2_windows-x64_bin.zip" file from your hard disk and go to the next step "[Apache Tomcat](#)".