



DEVELOPMENT LARAGON · UPDATED 19/01/2022

LARAGON – Migrate to MariaDB

08/04/2021 · 4 COMMENTS

Table of Contents

- 1. Introduction
- 2. Notice
- 3. What about the data?
- 4. Laragon - Add MariaDB
- 5. Inspecting the new database
- 6. Character Set and Collation

1. Introduction

By default [Laragon](#), comes with [MySQL](#) installed. But migrating to [MariaDB](#) is not that difficult.



Use Laragons build-in Quick Add option to install MariaDB.



2. Notice

Be sure your Windows 10 (64 bit) OS has the latest [Visual C++ Redistributable for Visual Studio 2015-2019](#) installed.

3. What about the data?

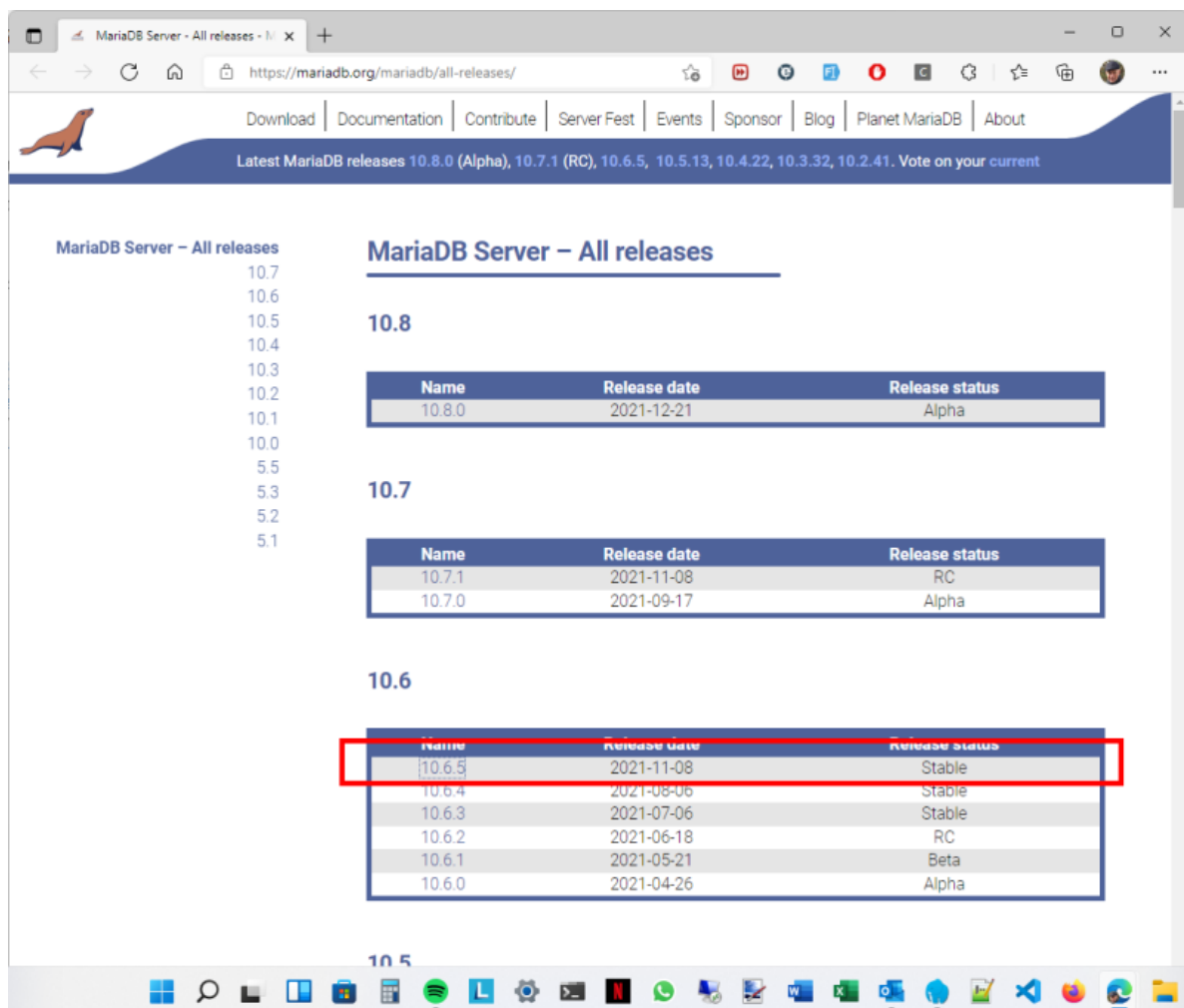
This procedure will install MariaDB into your Laragon installation.
A new folder `\LARAGON\data\mariadb-x.x\` will be created.
It will not touch the existing MySQL database.

This means you'll have to :

1. export all existing databases BEFORE adding MariaDB
2. import all exported databases AFTER installing MariaDB

4. Laragon - Add MariaDB

- Go to [MariaDB Downloads](https://mariadb.org/mariadb/all-releases/) and select the version you want to install. Look for the latest **Stable** release.
- Under **Package Type**, choose **ZIP file**.
- Click the **Download** button and save the file to your download folder.



MariaDB Server - All releases

10.7
10.6
10.5
10.4
10.3
10.2
10.1
10.0
5.5
5.3
5.2
5.1

MariaDB Server – All releases

10.8

| Name | Release date | Release status |
|--------|--------------|----------------|
| 10.8.0 | 2021-12-21 | Alpha |

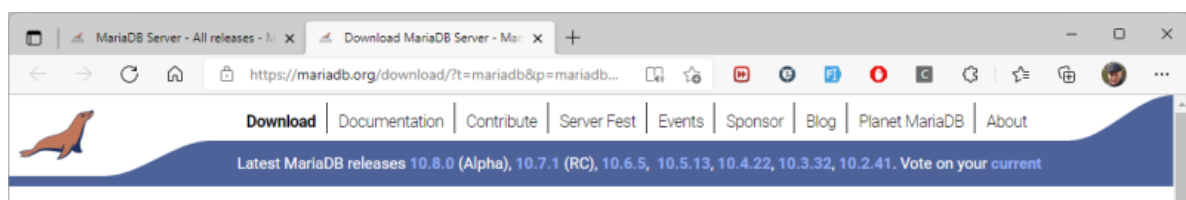
10.7

| Name | Release date | Release status |
|--------|--------------|----------------|
| 10.7.1 | 2021-11-08 | RC |
| 10.7.0 | 2021-09-17 | Alpha |

10.6

| Name | Release date | Release status |
|--------|--------------|----------------|
| 10.6.5 | 2021-11-08 | Stable |
| 10.6.4 | 2021-08-06 | Stable |
| 10.6.3 | 2021-07-06 | Stable |
| 10.6.2 | 2021-06-18 | RC |
| 10.6.1 | 2021-05-21 | Beta |
| 10.6.0 | 2021-04-26 | Alpha |

10.5



MariaDB Server - All releases - MariaDB

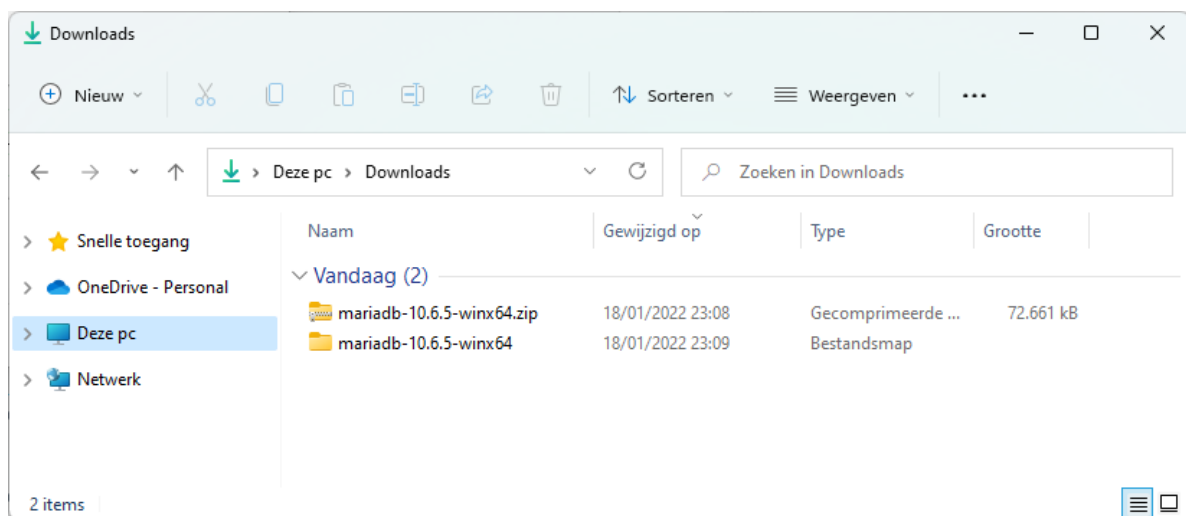
Download MariaDB Server - MariaDB

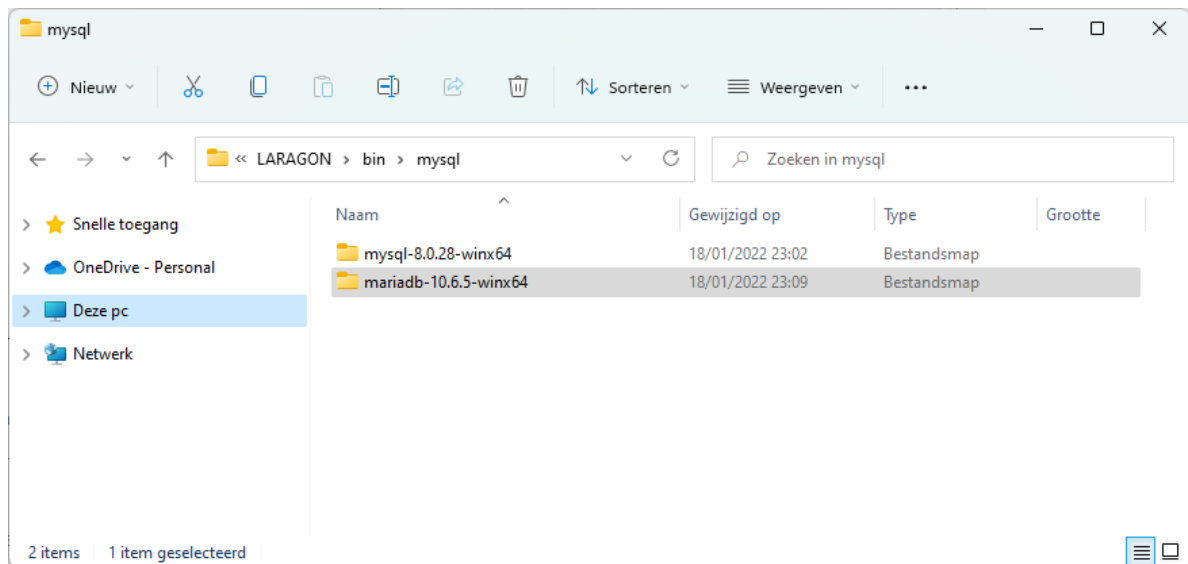
https://mariadb.org/download/?t=mariadb&p=mariadb...

Download | Documentation | Contribute | Server Fest | Events | Sponsor | Blog | Planet MariaDB | About

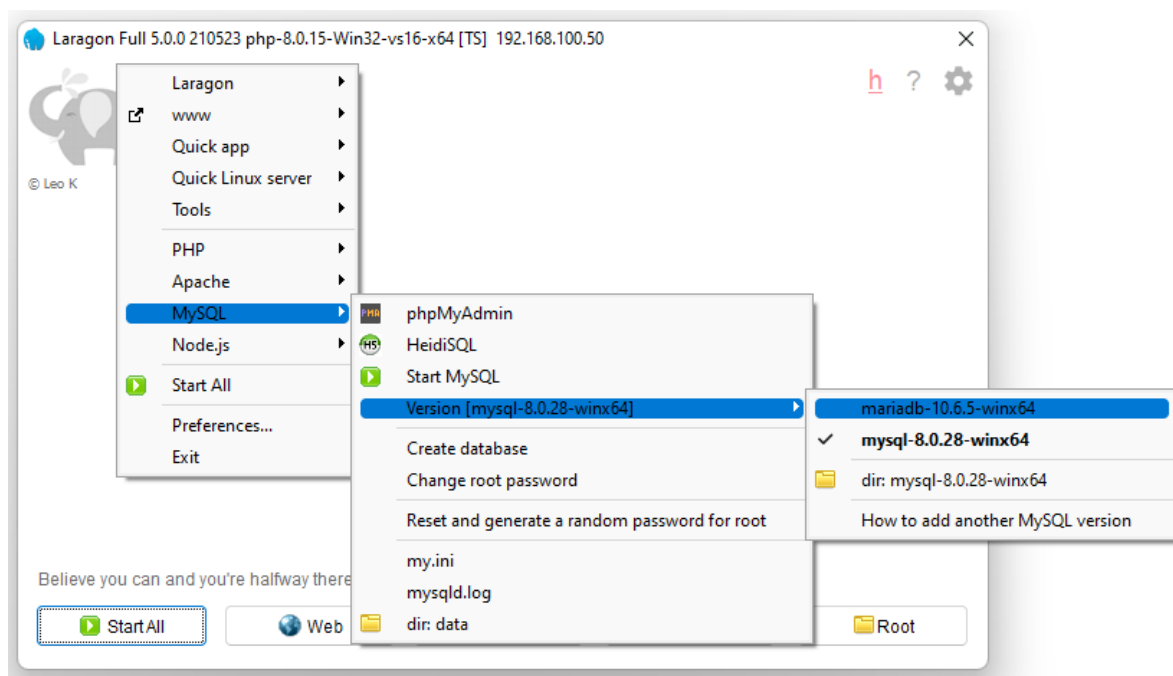
Latest MariaDB releases 10.8.0 (Alpha), 10.7.1 (RC), 10.6.5, 10.5.13, 10.4.22, 10.3.32, 10.2.41. Vote on your current

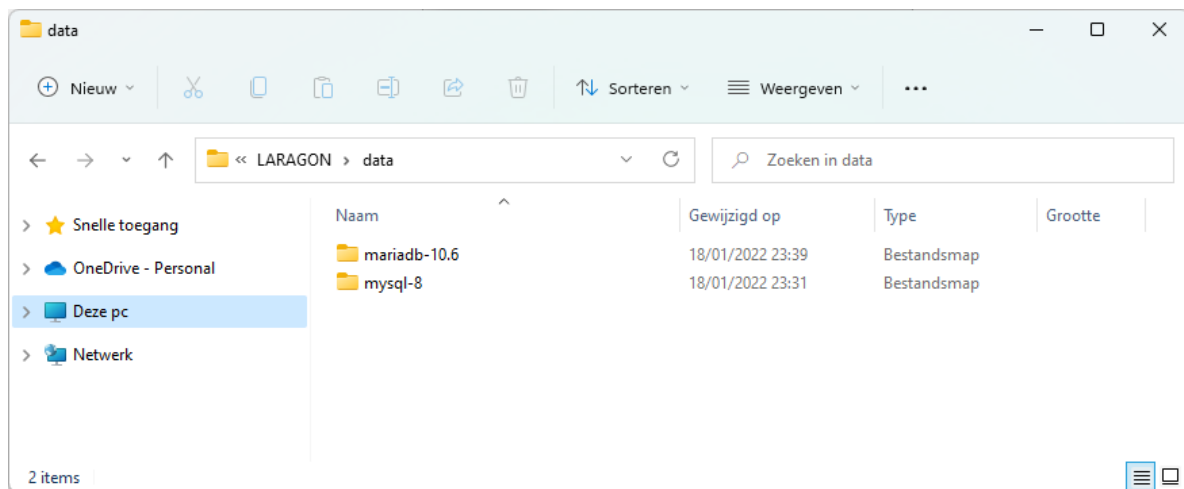
- The packed file is named for instance **mariadb-10.6.5-winx64.zip**.
- Unpack the downloaded ZIP archive in a folder with the same name, for instance **mariadb-10.6.5-winx64**.
- Move the complete **\mariadb-10.6.5-winx64** folder to the **\bin\mysql** folder of your Laragon installation.





- In the Laragon Button Menu, stop all services by clicking the **Stop All** button.
- In the **MySQL** section, select **Version** → **mariadb-x.x.x-win64**.
- In the Laragon Button Menu, click on the **Start All** button. Grant access to the mysql.exe service.
- Laragon has now created a new data folder `\LARAGON\data\mariadb-x.x.x\`





5. Inspecting the new database

In case you have not yet added [phpMyAdmin](#) to your Laragon installation, do so now by following the instructions in [this post](#).

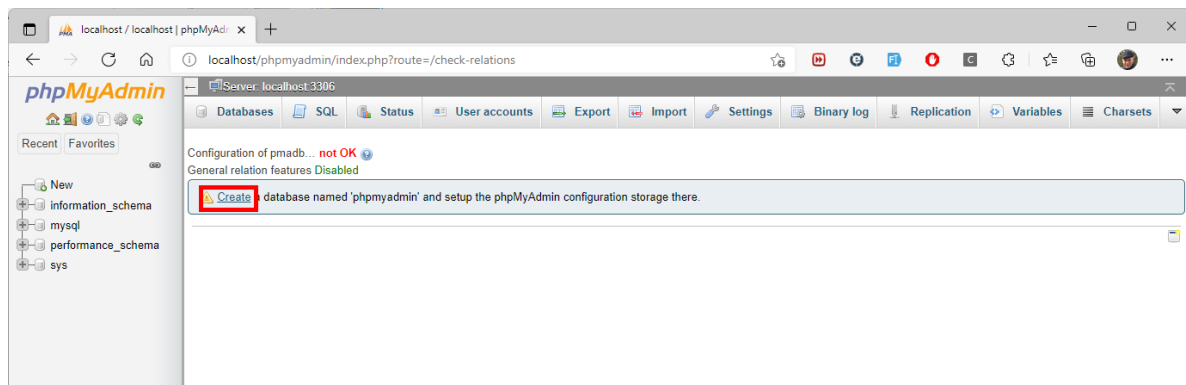
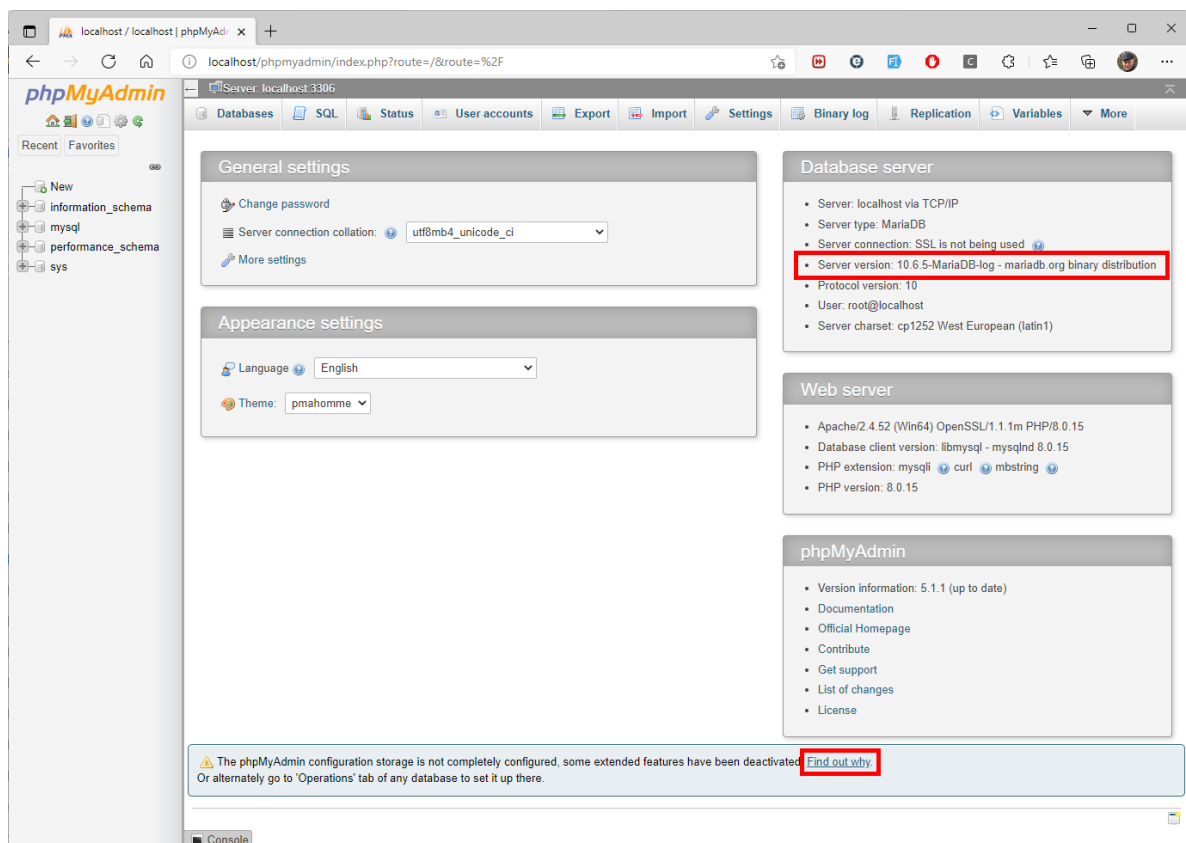
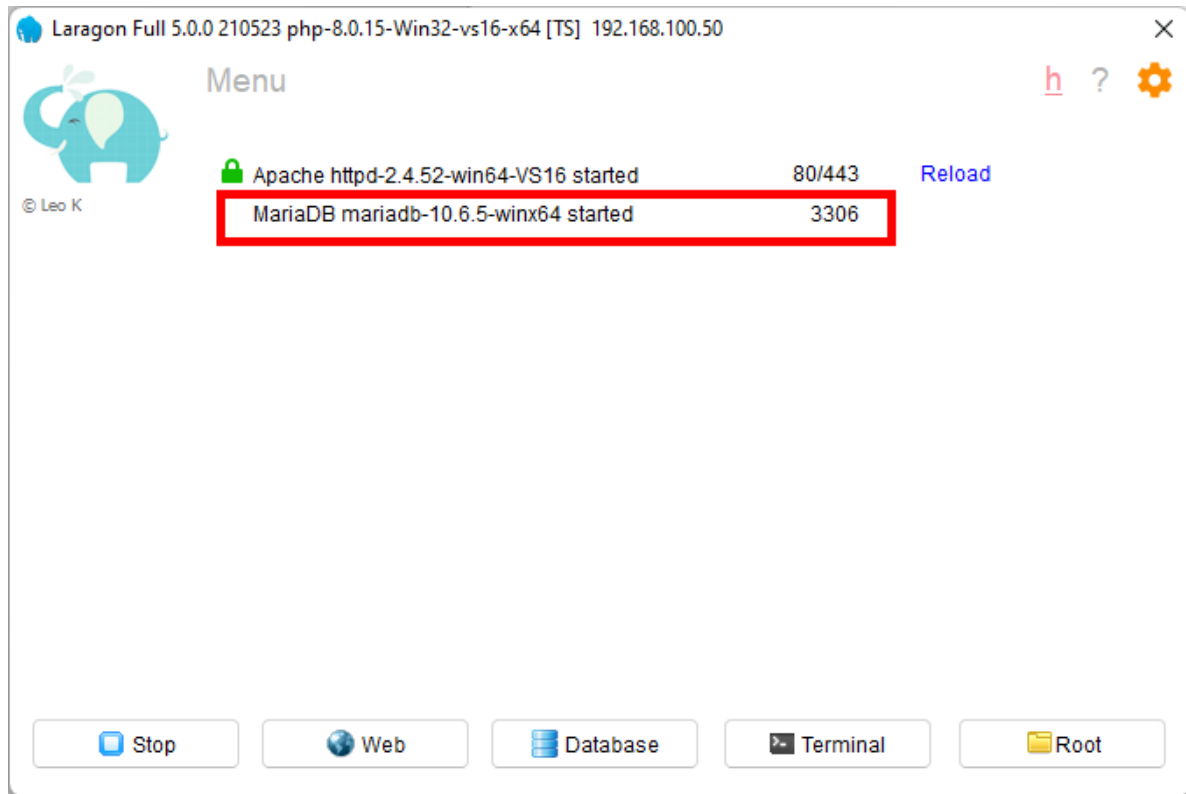
- In the Laragon Button Menu, click on the **Database** button.
 - In a fresh Laragon installation, the default user is **root** and the password is not set.
 - Select your preferred language and log in to phpMyAdmin.
 - phpMyAdmin may complain about the phpMyAdmin configuration storage not being completely configured.
 - Inside the warning, click on the link **Find out why**.
 - Inside the next notice, click on the link **Create**.
 - phpMyAdmin will then create and configure the database named **phpmyadmin**.
 - Click on the **Home** button. The warning should be gone now.
-

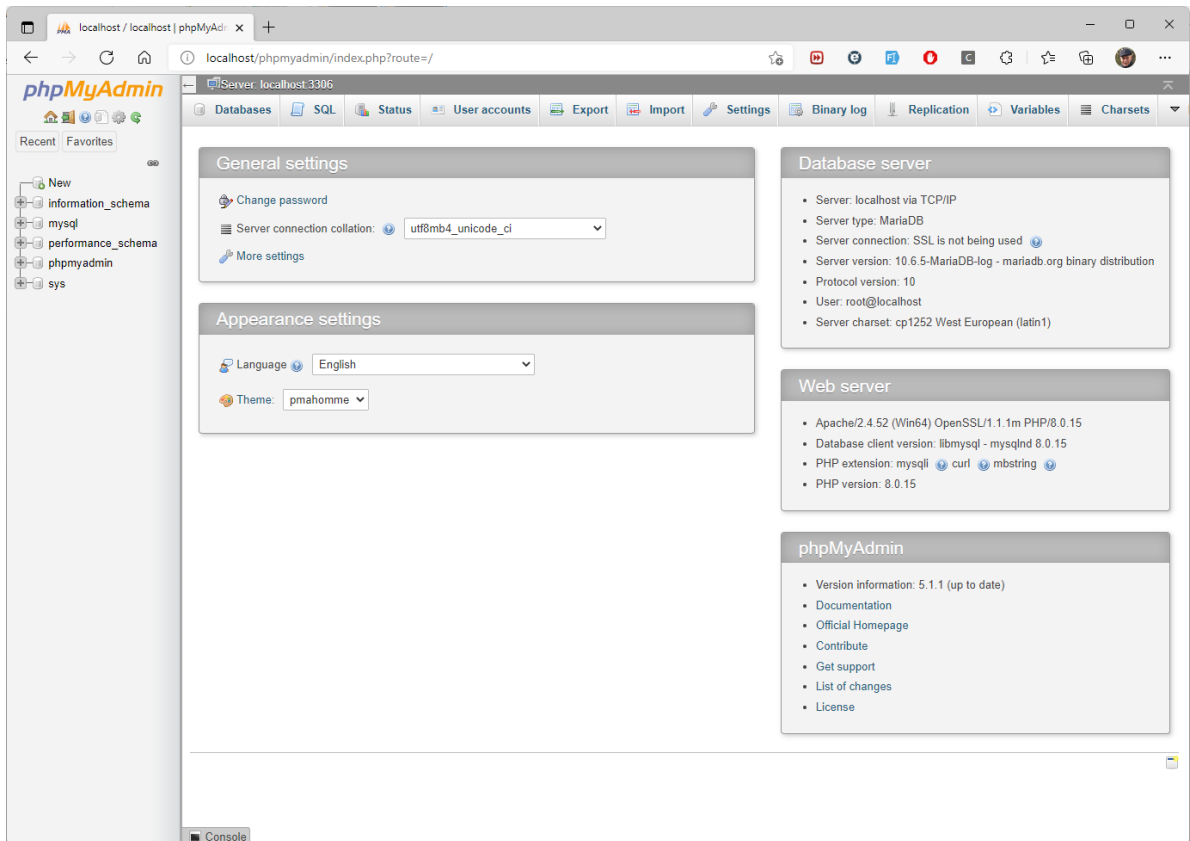
You have now installed MariaDB into your Laragon installation.

You can now start importing your databases.

After succesful import and testing, you can delete the obsolete mySQL folders in :

- \LARAGON\bin\mysql\
- \LARAGON\data\





6. Character Set and Collation

In some cases you might want to configure the MariaDB UTF 8 settings by specifying the character set and the collation.

In my case, the preferred character set is **utf8mb4** and the collation is **utf8mb4_unicode_ci**.

If you want to force MariaDB to use this settings, you'll have to add them to these 2 files :

- \LARAGON\bin\mysql\mariadb-10.6.5-winx64\my.ini
- \LARAGON\usr\tpl\MySQL.my.ini.tpl

In both files, add the settings to the **[mysqld]** section :

```
##UTF 8 Settings
character_set_server=utf8mb4
collation_server=utf8mb4_unicode_ci
```

database # development # laragon # mariadb # migrate # mysql

update # upgrade

[PREVIOUS](#)

[NEXT](#)

Related Posts

LARAVEL 9 – Bootstrap 5 – Datatables

18/10/2021

LARAGON – Update Git

18/10/2021 / 1 Comment

LARAVEL 9 – Bootstrap 5

04/08/2021 / 2 Comments

LARAGON – Add PostgreSQL

14/04/2021 / 1 Comment

LARAGON – Add MongoDB

10/04/2021

LARAGON – Update Composer

06/04/2021

LARAGON – Update HeidiSQL

06/04/2021

LARAGON – Add phpMyAdmin

02/04/2021 / 8 Comments

4 Comments

Vesa Särkelä

25/01/2022 / 10:31

REPLY

I have one question. Do I have to export/import databases that MySQL has created too to new mariadb?

Marc

25/01/2022 / 16:53

REPLY

Yes, You have to export all databases you want to reuse in MySQL.
Then install MariaDB and import them in MariaDB.
Peace of cake.

Vesa Särkelä

18/01/2022 / 16:32

REPLY

Mariadb.org has changed. I have not found a way to copy zip file url anymore. Tried just changing version numbers to package config file but it doesn't work anymore. So is there a way to install Mariadb someway with quick add or manually?

Marc

18/01/2022 / 23:58

REPLY

The mariaDB website has changed. Thanks for the hint.
I adapted the post. It now explains how to install (or update) mariaDB manually.

Leave a Reply

Name *

Email *

Website

Add Comment

I accept the [Privacy Policy](#).

Post Comment

This site uses Akismet to reduce spam. [Learn how your comment data is processed.](#)



Impressum

[Privacy Policy](#)

[Cookie Policy](#)

Search



**Wiemesmeer
Zutendaal**





Copyright © 2022 | KREAWEB | All Rights reserved.

| | |
|-------------------------|--|
| Design & Development by | |
| KREAWEB.be | |