

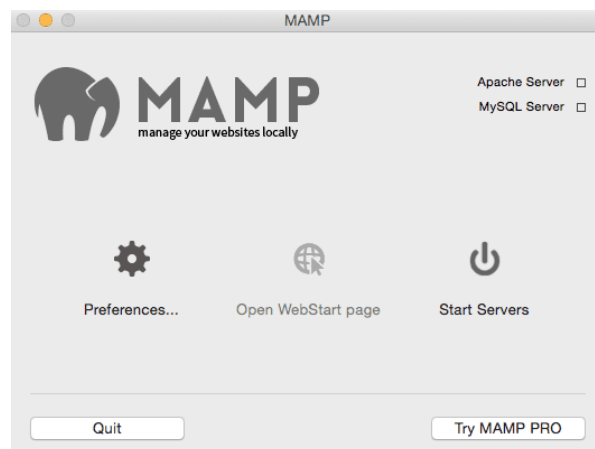
Liberated Africans - Local Host Setup

Local Environment Setup:

MAMP Server

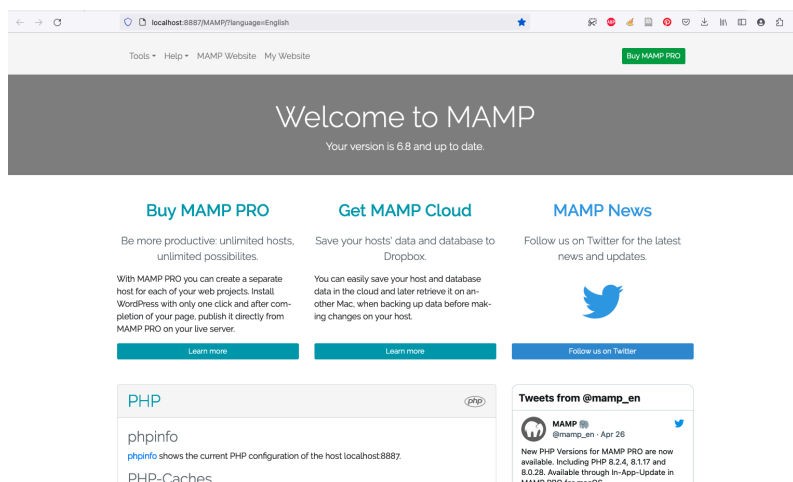
Whether you have a PC or a Mac, [download MAMP](#) and install it on your computer.

Once the installation is complete and you open it, you end up at a screen like this.



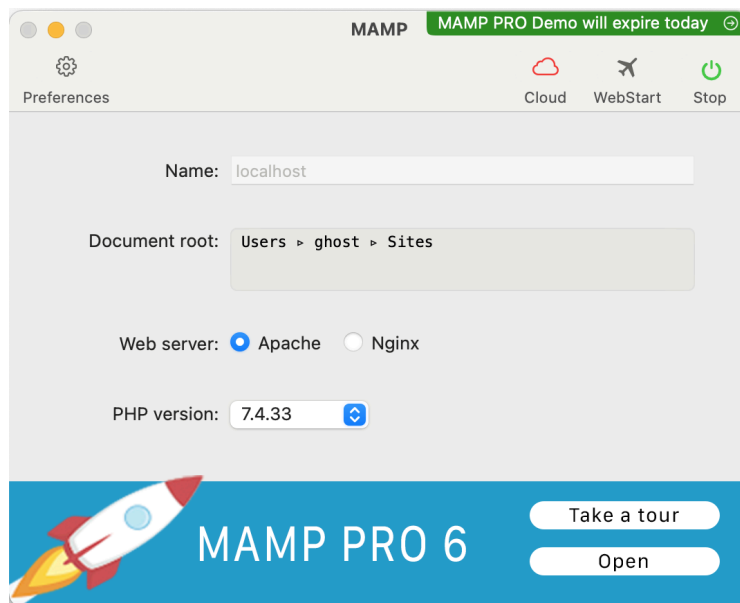
Click on “Start Servers”

When you click on “Start” icon to run the servers, you should see a start up page in your browser like the one below if everything is working correctly. You’ll see in your url sth like <http://localhost:8887/MAMP/12/?language=English> this can help you figure out how to access your localhost again by typing **localhost:8887** in the browser



MAMP Setup Screenshots - Customization:

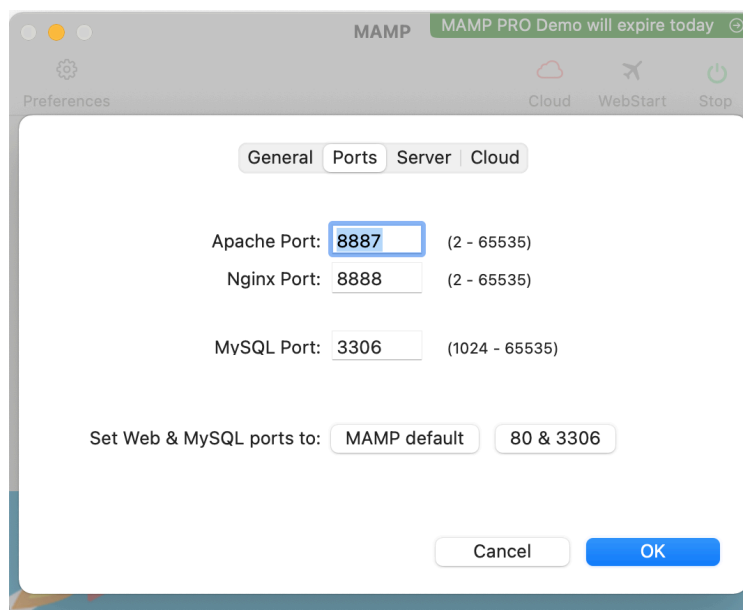
Below is the default landing screen when MAMP is open.



Click Preferences to get to the settings:

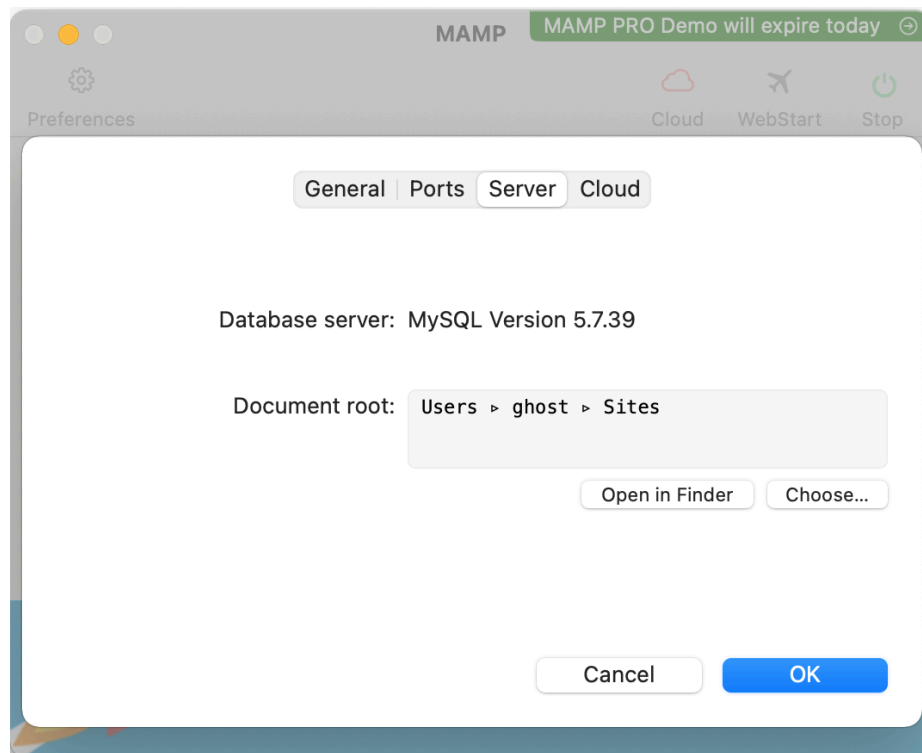
Click on the “Ports” tab.

Setup the ports number you want [note that the MySQL port will be used in later steps] Numbers should be different/unique to each other the port number goes into your url e.g **localhost:8887**



Click on the “Settings” tab.

For the Server settings, make sure that your “Document root”, the folder your localhost is pointed to is correct. So if you download a repo from Github it should be saved into your document root. It is suggested that you create a “Sites” folder that you can use to place your files into

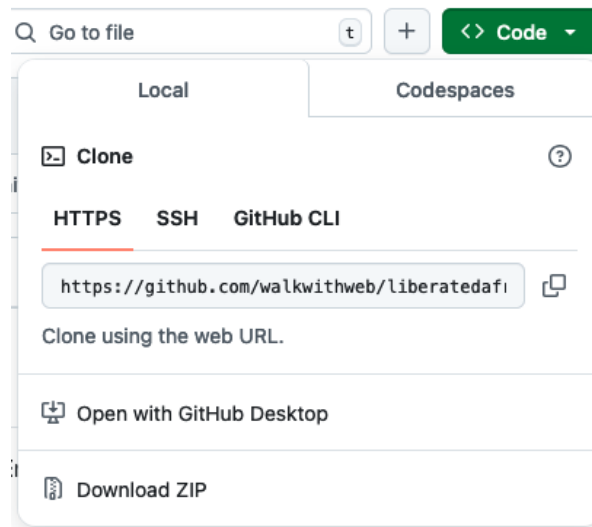


You don't need to change the default General and Cloud settings.

Github Repository

From Github, in the repository page, click on the green “Code” button then download the code based on your method of choice:

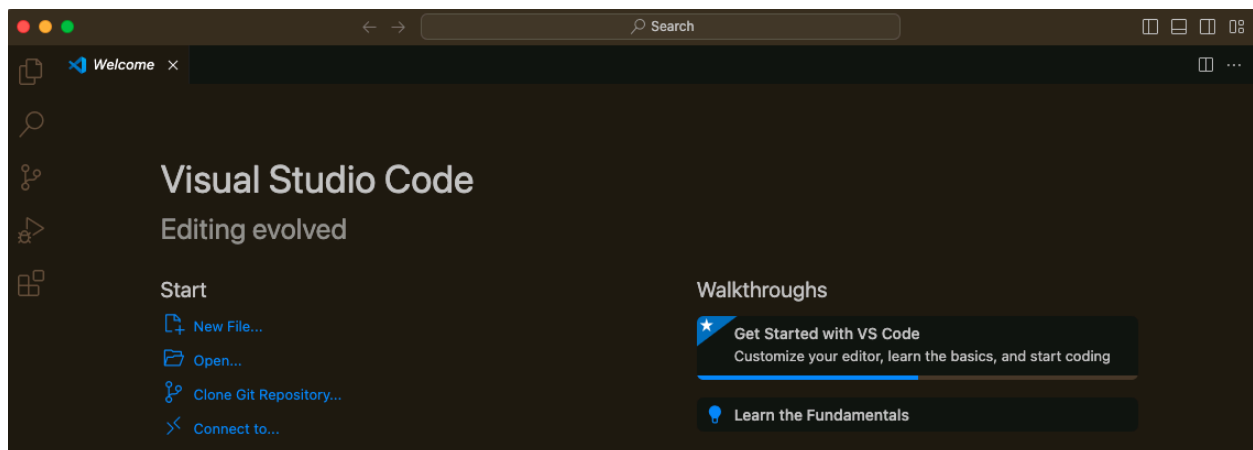
- Clone via the terminal into your Sites folder or
- Open with Github Desktop and save it in your Sites folder [suggested] or
- Download ZIP and unzip it in your Sites folder [suggested]



In the unzipped repository folder, you will find the following files:

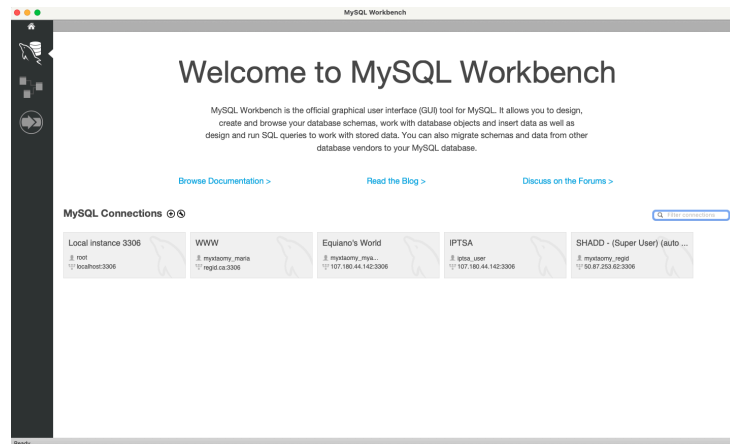
- A README.md file which contains further install instructions
- A data folder containing the database to be used in next steps
- A database_template.php which will be copied and renamed to database.php

To make edits to the files, you will need a code editor like [Visual Studio Code](#). To make edits in the code editor, open the program and in the start section open the downloaded code by clicking on “Open” or by using the “Clone Git Repository” option...



MYSQL Setup

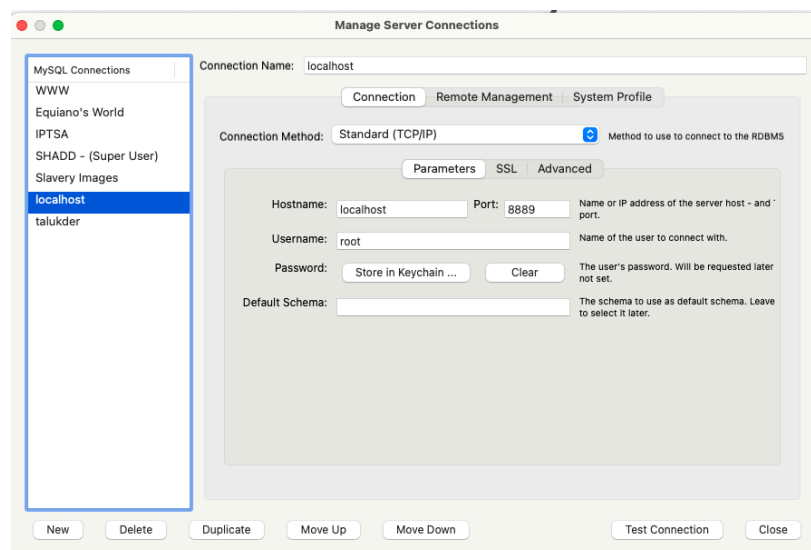
[Download the program](#) & Install MySQL Workbench. You should see a similar screen like the one below. Next to the “**MySQL Connections**” Click on the plus icon to create a new connection or the wrench icon to edit an existing connection.



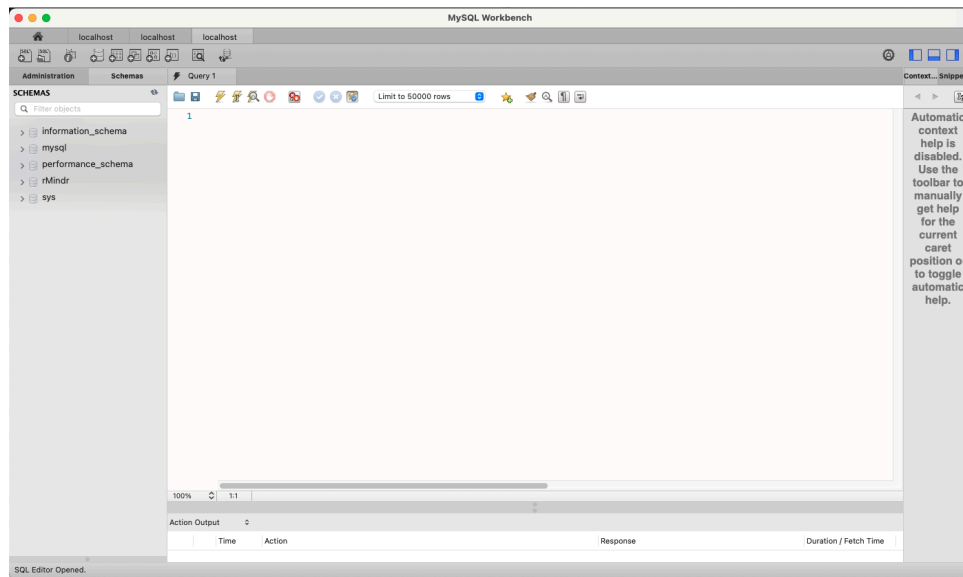
You should see a screen similar to this, Click on the + icon and add the following:

- **Connection Name:** localhost (this can be a unique name that you want to identify the connection with)
- **Connection Method:** Leave this as Standard (TCP/IP)
- **Hostname:** localhost
- **Port:** enter the port number chosen in MAMP in the “MySQL Port” line
- **Username:** often for new installs this is root
- **Password:** often for new installs this is root

Click on “Test connection” to see if your connection works.



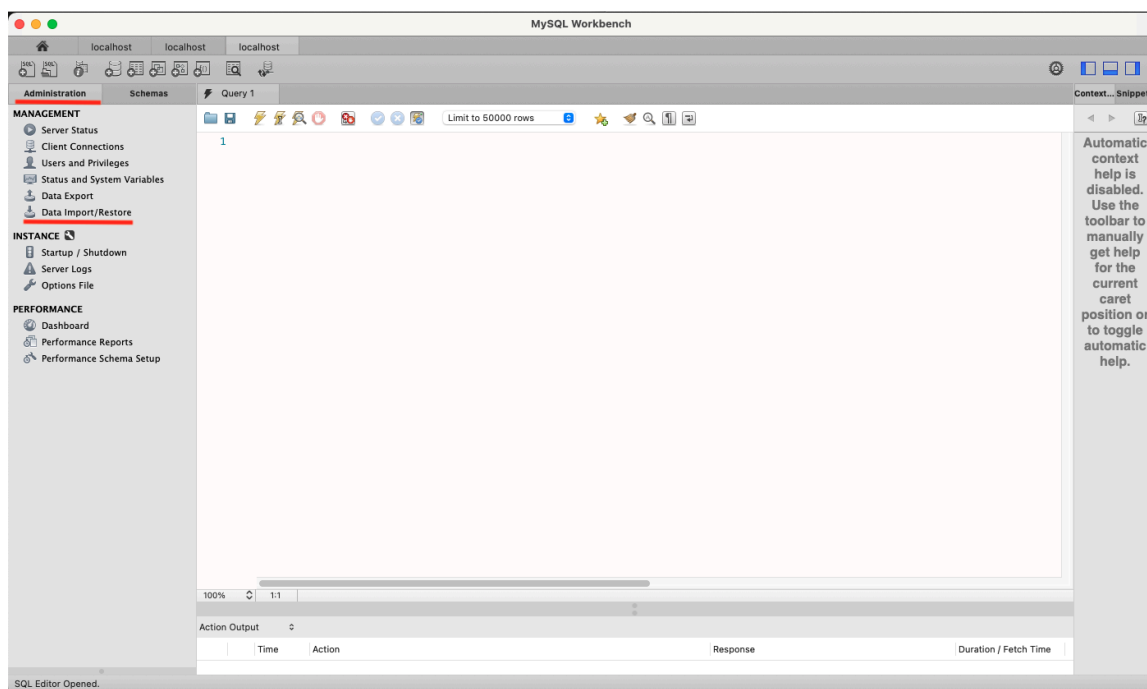
If the connection was successful, you should see the page below when you click on the connection you just made. Under the **schemas** tab on the left, you'll see a listing of the databases you have access to.



Database Installation

Download the database file from: <https://liberatedafricans.org/data/download.php>

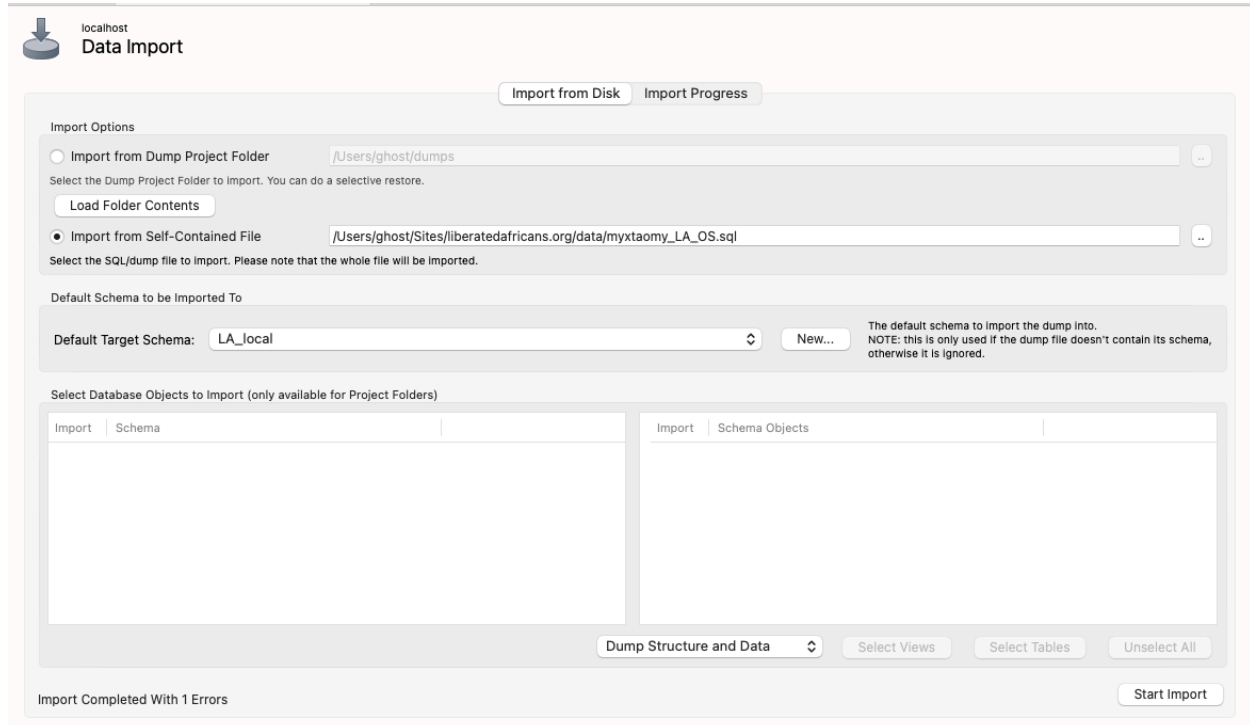
Import the Liberated Africans database. Click on the “**Administration**” tab then select “**Data Import/Restore**”



In the “**Import from Disk**” tab, select “**Import from Self-Contained File**” and select the **myxtaomy_LA_OS.sql** file based on where you saved it in your Sites folder. [This file can be downloaded from: <https://liberatedafricans.org/data/download.php>]

For “Default Target Schema” click on “New” and create a name for the new database

Click “Start Import”



localhost
Data Import

Import from Disk Import Progress

Import Options

☐ Import from Dump Project Folder /Users/ghost/dumps

Select the Dump Project Folder to import. You can do a selective restore.

Load Folder Contents

☒ Import from Self-Contained File /Users/ghost/Sites/liberatedafricans.org/data/myxtaomy_LA_OS.sql

Select the SQL/dump file to import. Please note that the whole file will be imported.

Default Schema to be Imported To

Default Target Schema: LA_local New...

The default schema to import the dump into.
NOTE: this is only used if the dump file doesn't contain its schema, otherwise it is ignored.

Select Database Objects to Import (only available for Project Folders)

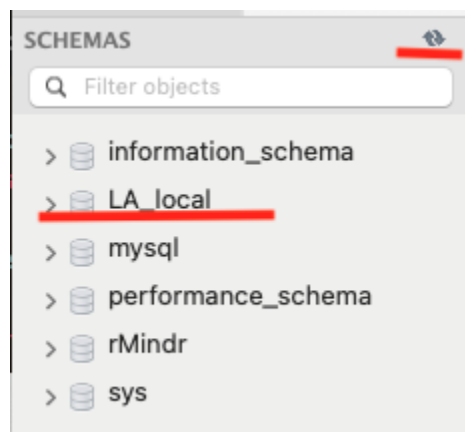
| Import | Schema |
|--------|--------|
|--------|--------|

| Import | Schema Objects |
|--------|----------------|
|--------|----------------|

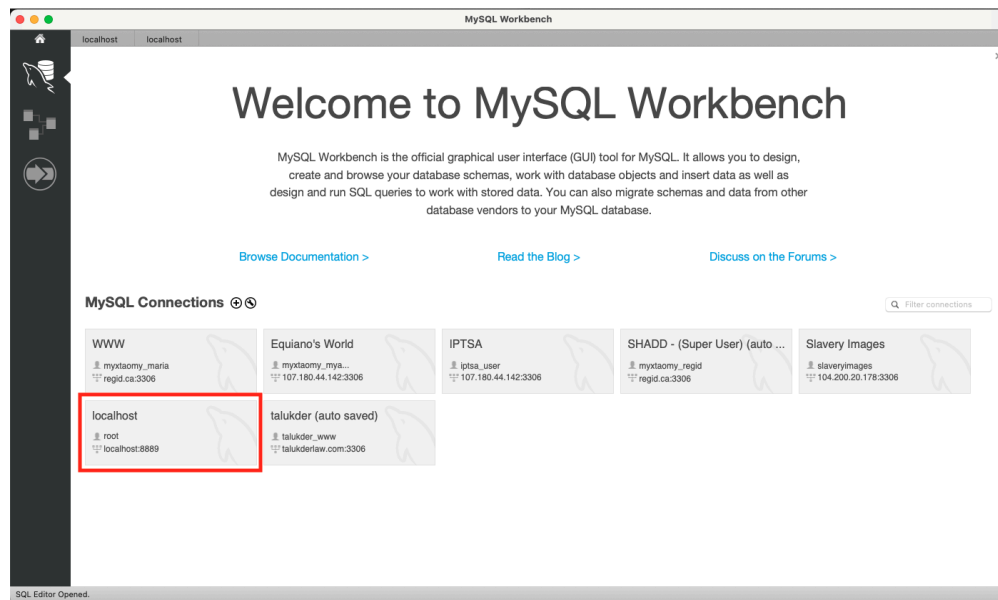
Dump Structure and Data Select Views Select Tables Unselect All

Import Completed With 1 Errors Start Import

Once the Import Progress shows “**Import Completed**” click back on the “**Schemas**” tab and you should see your newly imported database in your list. You can click on the refresh arrow icon to the right of the word schemas to update the list.



In the future to open your localhost connection in MySQL Workbench, simply double click on the card in the dashboard.



To view the data in the tables

Click on the down arrow next to the database name, click on the down arrow next to Tables then select a table by hovering over it and clicking on the table icon (third icon)

The screenshot shows the MySQL Workbench Schemas tab. The 'person' database is selected. The 'Tables' list is expanded, and the 'person' table is selected. The 'Result Grid' shows the data for the 'person' table. The query executed is 'SELECT * FROM LA_local.person;'. The result grid displays columns: doctype, Complete, project, personID, UI, assignedby, assignedto, message, assigneddate, online, Field1, Name, Field2, and Fie. The data is sorted by 'personID'.

| doctype | Complete | project | personID | UI | assignedby | assignedto | message | assigneddate | online | Field1 | Name | Field2 | Fie |
|-----------------|----------|---------|----------|---------|------------|------------|---------|--------------|--------|--------|--|--------|-----|
| LA_CourtForm_V1 | 98 | LA | 1 | LA-E-1 | | | | | 1 | V60001 | Seized in the Colony | 1809 | Afr |
| LA_CourtForm_V1 | 98 | LA | 2 | LA-E-2 | | | | | 1 | V60002 | Landed from His Majesty's #039;s Brig Proctor B... | 1811 | Afr |
| LA_CourtForm_V1 | 98 | LA | 3 | LA-E-3 | | | | | 1 | V60006 | Seized by Captain D. MacKenzie | 1812 | Afr |
| LA_CourtForm_V1 | 96 | LA | 4 | LA-E-4 | | | | | 1 | V60007 | Unspecified | 1812 | Afr |
| LA_CourtForm_V1 | 96 | LA | 5 | LA-E-5 | | | | | 1 | V60008 | Unspecified | 1812 | Afr |
| LA_CourtForm_V1 | 96 | LA | 6 | LA-E-6 | | | | | 1 | V60010 | Unspecified | 1812 | Afr |
| LA_CourtForm_V1 | 96 | LA | 7 | LA-E-7 | | | | | 1 | V60011 | From His Majesty's #039;s Ship Kangaroo | 1812 | Afr |
| LA_CourtForm_V1 | 96 | LA | 8 | LA-E-8 | | | | | 1 | V60012 | Unspecified | 1812 | Afr |
| LA_CourtForm_V1 | 96 | LA | 9 | LA-E-9 | | | | | 1 | V60013 | Unspecified | 1812 | Afr |
| LA_CourtForm_V1 | 90 | LA | 10 | LA-E-10 | | | | | 1 | V60014 | Unspecified | 1812 | Afr |
| LA_CourtForm_V1 | 92 | LA | 11 | LA-E-11 | | | | | 1 | V60015 | Unspecified | 1812 | Afr |
| LA_CourtForm_V1 | 96 | LA | 12 | LA-E-12 | | | | | 1 | V60016 | Unspecified | 1813 | Afr |
| LA_CourtForm_V1 | 96 | LA | 13 | LA-E-13 | | | | | 1 | V60017 | His Majesty's #039;s Ship Favourite | 1813 | Afr |
| LA_CourtForm_V1 | 96 | LA | 14 | LA-E-14 | | | | | 1 | V60018 | His Majesty's #039;s Colonial Schooner Charlotte | 1813 | Afr |
| LA_CourtForm_V1 | 96 | LA | 15 | LA-E-15 | | | | | 1 | V60019 | HMS Creole of Astrea | 1813 | Afr |
| LA_CourtForm_V1 | 98 | LA | 16 | LA-E-16 | | | | | 1 | V60020 | Seized in the Colony | 1813 | Afr |
| LA_CourtForm_V1 | 98 | LA | 17 | LA-E-17 | | | | | 1 | V60021 | Taken by the Expedition in the River Gambia | 1813 | Afr |
| LA_CourtForm_V1 | 98 | LA | 18 | LA-E-18 | | | | | 1 | V60022 | Seized at Rio Pongos by the Expedition | 1814 | Afr |
| LA_CourtForm_V1 | 98 | LA | 19 | LA-E-19 | | | | | 1 | V60024 | From the Plantains | 1814 | Afr |
| LA_CourtForm_V1 | 98 | LA | 20 | LA-E-20 | | | | | 1 | V60025 | From the Soso Country | 1814 | Afr |
| LA_CourtForm_V1 | 98 | LA | 21 | LA-E-21 | | | | | 1 | V60026 | Seized by the Collector of Customs | 1814 | Afr |
| LA_CourtForm_V1 | 98 | LA | 22 | LA-E-22 | | | | | 1 | V60027 | Seized by Major Appleton in the Rio Nunez | 1814 | Afr |

Website Setup

In Visual Studio Code, open up your downloaded repository folder and make a copy of the database_template.php name this copy database.php.

Enter the following:

In the \$server line replace '--your local server hostname here--' with your server e.g 'localhost' this will match the name you used in workbench

Do the same for \$username, \$password, and \$database which will match the new database/schema you just created.

Please note, do not make any other changes to this file to avoid issues with running the website.

```
database_template.php
1  <?php
2  /* Make a copy of this template - name it database.php */
3  $server = '--your local server hostname here--';
4  $username = '--your local server username here--';
5  $password = '--your local server credentials here--';
6  $database = 'myxtaomy_LA_OS'; /* If you rename the database, edit the name here */
7
8  try{
9      $conn = new PDO("mysql:host=$server;dbname=$database;", $username, $password);
10 } catch(PDOException $e){
11     die( "Connection failed: " . $e->getMessage());
12 }
```

An example of the database.php file you should have is below:

```
database.php
1  <?php
2  $server = 'localhost';
3  $username = 'root';
4  $password = 'root';
5  $database = 'LA_local';
6
7  try{
8      $conn = new PDO("mysql:host=$server;dbname=$database;", $username, $password);
9  } catch(PDOException $e){
10     die( "Connection failed: " . $e->getMessage());
11 }
```

View the Website

To view the website type your localhost address and repository folder name you used in document root into your browser of choice. E.g. <http://localhost:8887/liberatedafricans.org/>

Note: Make sure that your MAMP server is running i.e click “Start”

You should see the screen below if everything is working correctly...

