

MD5 Database

The MD5 Database is a database which holds binary file information and can be used to determine files as good, bad or unknown.

MD5 Database

File	MD5	MalwareType	FileName	Size	Det	Date
1	eee43e41b9fdb1287f42	Trojan	BadFile	288	●	16/6/2022
2	b8880f70f68a491d374d	null	GoodFile	155	○	31-1-2017
3	2acb0fef4394d422df63	null	unknownFile	654	●	31-1-2014
4	b8880f70f68a491d374d	Trojan	BadFile1	874	●	21-5-2016

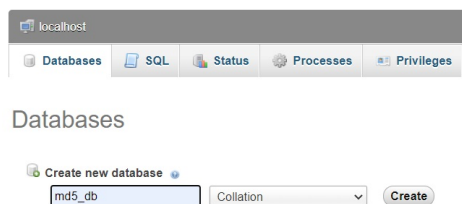
The database holds file information such as MD5, Malware type, File Name, Size, Determination and Date. New file information can be added or other files can be changed. The database front-end is created with PHP and HTML and needs to be connected to a SQL Database, the process of which is outlined below.

Download the zip file

Download the zipped file from my website and extract all the contents onto a new folder.

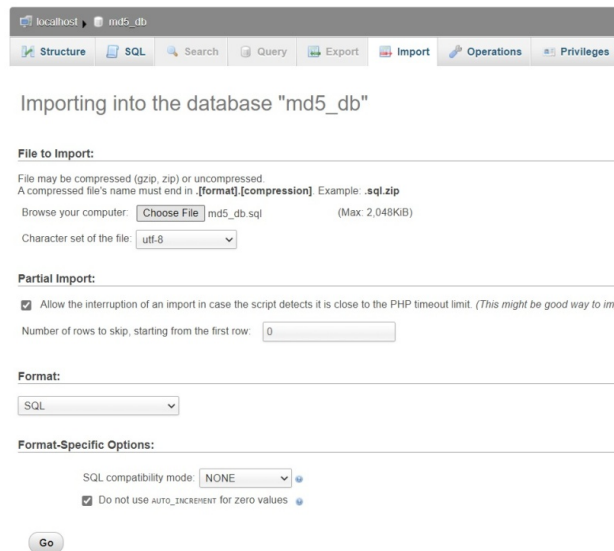
Create a Database

In your server program click on databases button. Under the **Create new databases** enter **md5_db** and click on the **Create** button. This will create a database with the name of **md5_db**.



Upload the database

Press import to import the SQL database. Click the **Choose File** button and select the **md5_db** SQL file from the extracted folder you downloaded earlier.



Importing into the database "md5_db"

File to import:

File may be compressed (gzip, zip) or uncompressed.
A compressed file's name must end in **[format].[compression]** Example: **.sql.zip**

Browse your computer: **Choose File** md5_db.sql (Max: 2,048KiB)

Character set of the file: utf-8

Partial Import:

☒ Allow the interruption of an import in case the script detects it is close to the PHP timeout limit. (This might be good way to impo

Number of rows to skip, starting from the first row: 0

Format:

SQL

Format-Specific Options:

SQL compatibility mode: NONE

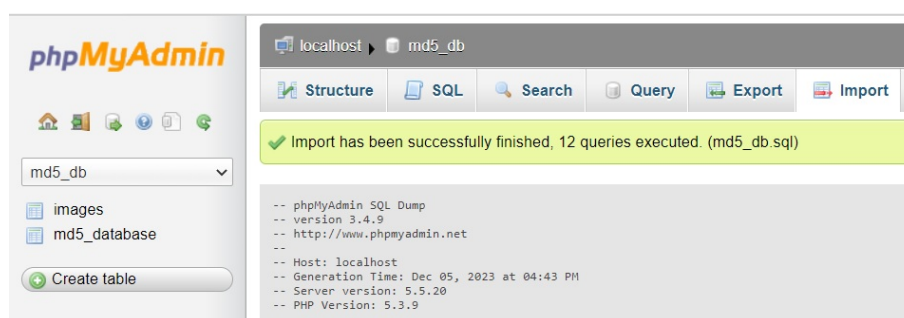
☒ Do not use AUTO_INCREMENT for zero values

Go

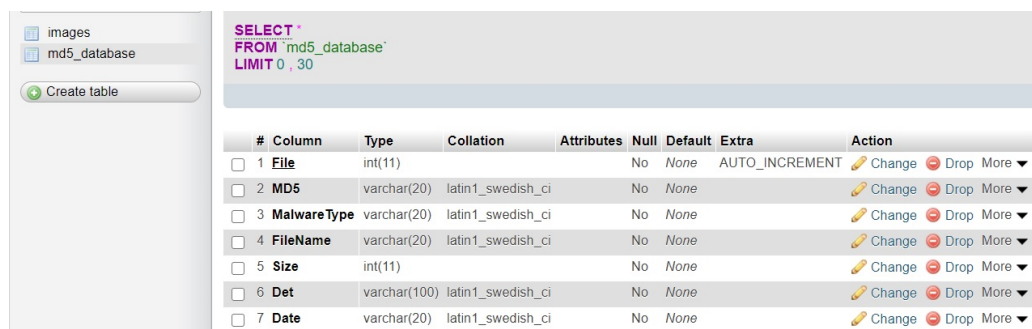
Click on **Go** to import the database.

Imported Databases

Two databases should now be imported. One called **images** and the other called **md5_database**.

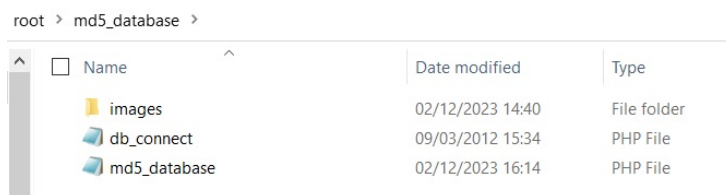


The **images** database is used to connect the bad, good and unknown names to the actual images files in the images folder. The **md5_database** is the database where all the files will be kept.

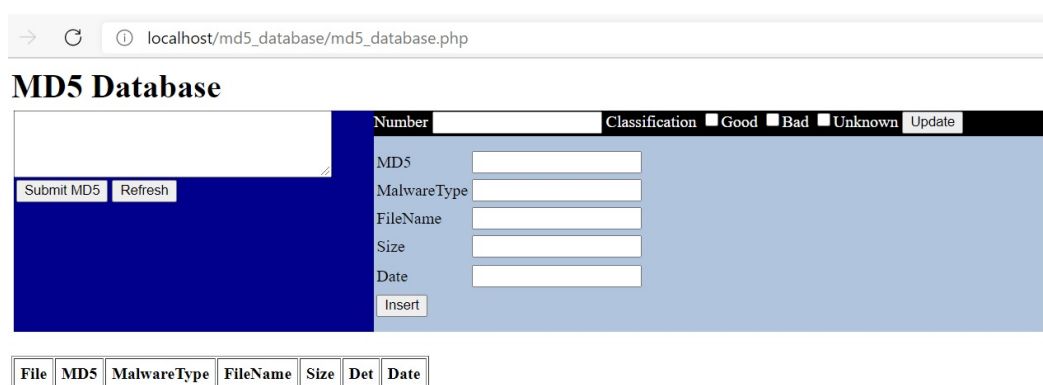


Finishing Setup

From the extracted folder find the folder **md5_database** and place it in your servers root folder. This **md5_database** folder holds 3 items, the images folder which holds the good, bad and unknown jpegs, the **db_connect** php file used to connect the php database to the SQL database. The **md5_database** file holds the PHP, HTML and CSS code for the design and function of the database.



In your server (localhost server) go the **md5_database** folder and click on **md5_database.php** where you should find the user interface.



Here you can start inserting files into the database.

Changing Determination

To change a determination of unknown to either good or bad just type in the line number, check the good or bad box and click the update button.

MD5 Database

Submit MD5 Refresh

Number 3

Classification ☐ Good ☒ Bad ☐ Unknown Update

MD5

MalwareType

FileName

Size

Date

Insert

File	MD5	MalwareType	FileName	Size	Det	Date
1	b8880f70f68a491d374d	Trojan	BadFile	654	●	16/6/2022
2	e75b5018f961c2d	null	GoodFile	288	○	31-1-2016
3	2acb0fef4394d422df63	null	unknownFile	874	●	16/6/2022

You can see from the image below that file number 3 has now changed to bad.

File	MD5	MalwareType	FileName	Size	Det	Date
1	b8880f70f68a491d374d	Trojan	BadFile	654	●	16/6/2022
2	e75b5018f961c2d	null	GoodFile	288	○	31-1-2016
3	2acb0fef4394d422df63	null	unknownFile	874	●	16/6/2022