**Database Table Maker Installation Guide 4.0**

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Prerequisites.

The following programs need to be installed prior to installing Perl/Python Developer.

1. Python3 installed on server
2. Python3 Tkinter installed on server
3. MySQL or MariaDB installed on server
4. tktreectrl installed from <http://tkintertreectrl.sourceforge.net/>
5. LibreOffice installed on server
6. matplotlib installed on the server

Python scripts

1. tm\_create\_records.py
2. tm\_create\_table.py
3. tm\_edit\_table.py
4. tm\_main\_menu.py
5. tm\_modify\_records.py
6. tm\_restore\_records.py
7. tm\_settings.py
8. tm\_template.py
9. tm\_query.py
10. tm\_dashboard.py

To install the Database Table Maker, download the software from <https://www.kenawatanabe.com/db_table_maker.html> and unzip the files.

Create a directory /home/table\_maker/ and copy all the python scripts there. Copy all the images to the /home/table\_maker/images/ directory.

To allow an individual to run the Database Table Maker, create a table\_maker directory under the user’s home directory. If the users home directory is /home/jsmith, create the directory /home/jsmith/table\_maker/. Then copy the tm\_main\_menu.py script into that directory. The tm\_main\_menu.py program controls which modules of the Database Table Maker the user has access to. By default, all options are available to the user, but the menu options can be edited out of tm\_main\_menu.py to limit the options the user can select.

To run the Database Table Maker, type the following at the LINUX prompt:

$ python3 /home/<username>/table\_maker/tm\_main\_menu.py &

where <username> is the username (e.g. jsmith).

An alias can also be added to the .bashrc file in the users home directory as follows:

alias tm='python3 /home/kwatt/python/tm\_main\_menu.py &'

Upon logging in, the alias will allow the user to start the Database Table Maker by just typing “tm”.

When executing the tm\_main\_menu.py, the following window should appear.

