Tutorial on how to use: Subscrap

Things we need before we start:

* **System**

Linux Environment (Windows Linux Subsystem or Any Another Linux Distro)

* **Coding Languages**

Python 3.8 or Above (preinstalled in Linux 18.04)

* **Database**

MYSQL (on Linux)

***Note****: If you are not familiar with how to install Mysql database server on Linux,* *please follow the instructions on how to install MySQL on Linux in additional help section at the bottom, and if you are familiar with this part please skip to next section.*

* **pip packages (**to install run the command in Linux Terminal same directory as requirements.txt file**)**

pip install -r requirements.txt

***Note****: If have any problem with installing mysqlclient, please follow the instructions on how to install in additional help section at the bottom.*

Running and using Subscrap:

* modify the settings.py file (Subscrap\Subscription\settings.py)

Scroll down till we see the DATABASES section, here we will insert the information about our database credentials, “*username”, “password”.*

Text

Description automatically generated

***Note****: Before we run our app, we need to have an empty database named “Subscrap” in our Mysql.*

*If you are not familiar with how to create a database credentials, or a database in general go to additional help section at the bottom.*

* Run migrations and migrate: (\Subscrap)

$ python3 manage.py makemigrations

$ python3 manage.py migrate

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* Run Project: (\Subscrap)

$ python3 manage.py runserver

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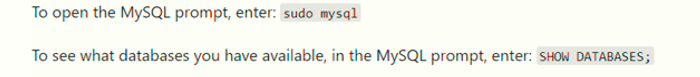
Follow the link to open the webapp page: <http://127.0.0.1:8000/>

Additional Help:

* Installing and setting up **MySQL** Database on Linux or Linux Windows Subsystem

1. Graphical user interface, text, application

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2. After completing first part, check to see if the database server is working correctly by using this command in terminal.



This output should be something like the picture below:

Text

Description automatically generated

This means our database is good and running.

Now let’s build a custom user by running some commands in *mysql> terminal*.

Graphical user interface, text

Description automatically generated

Graphical user interface, text, application, email

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Perfect we successfully made a custom user, the “*newuser*” and “*password*”.

Note: These user credentials will be used in our Django project settings later.

Now let’s build a custom database for our Django project



That’s it 😊. We just build a Database named Subscrap. Follow the instructions above in next section to run the Project.

* Installing mysqlclient

Graphical user interface, text, application, email

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