Archive Manager

What is it ?

Archive Manager is a tool developed in Python by Maxime Perrin to automatically manage the archiving of a compressed folder containing a SQL file.

How to use it ?

- **Installation**

  To install the utility on your computer or server, simply clone the git repository or download the project files.

  ```
  git clone git@github.com:maximeperrindev/scripting-system.git
  ```

  Once the project is imported, you have to configure the conf.ini file (an example file is provided in the repository "conf_example.ini").

  conf_example.ini (don't forget to rename it conf.ini) :

  ```
  [FILE]
  URL = URL_TO_FILE
  SQLFILE = NAME_OF_DUMP_FILE_WITH_EXTENSION
  [SERVER]
  URL = URL_TO_WEBDAV_SERVER_WITH_/webdav
  USERNAME = USERNAME_OF_WEBDAV_SESSION
  PASSWORD = USERNAME_OF_WEBDAV_SESSION
  CONSERVATION_TIME = NUMBER_OF_DAYS
  [MAIL]
  ENABLED = TRUE
  USERNAME = USERNAME(MAIL ADDRESS)
  PASSWORD = PASSWORDFORMAIL
  ATTACH_LOG = TRUE
  MAIL_LIST = MAIL LIST WITH SPACES
  [MATTERMOST]
  WEBHOOK = WEBHOOK_URL
  ```

  To install the dependencies, you will find the requirements.txt file. You must run this command : `pip install -r requirements.txt` If an error occurred, you may have not installed correctly all modules. Check if all dependencies are correctly installed.

  The utility is not set up and ready to work.

- **Launch**

  To launch Archive Manager, you have to install Python 3 => tutorial here.

  Now, you can run `python3 archive.py`

  It will create : - A file archive.log wich contains all logs related to the execution - A resources folder wich will contains the downloaded zip file with the extracted SQL file

  CRON USE

  You can launch automatically Archive Manager with a Cron instruction.

  To do so, you firstly need to get the absolute path of Python executable `which python3` After, you need to get the absolute path of archive.py script (go in the project folder) `pwd`

  You can now edit the Crontab with `crontab -e`

  For example, to launch Archive Manager every day at 16:00: `00 16 * * * /path/to/python /path/to/archive.py`