

JUNK FILE ORGANIZER

A mini python project in which I tried to create a file organizer that can organize files based to date, year, type, size and extension

Table of contents

- Junk File Organizer
 - Table of Contents
 - Technologies
 - Setup
 - Syntax
 - Executable File
 - Usage
 - Output

Technologies

Project is created with

- Python: 3.8.5
- Flake8(for linting)

Setup

To run this project:

1. Clone this repo
2. Install Python 3
3. Install Flake8 library
 1. `Pip install flake8`
 2. Run `python -m flake8` command and check for any errors
4. Run `python3 main.py -h`
 1. There you can see all the details of the project
 2. `-p/--path` is the flag for specifying the path
 3. `-o/--order` is the flag for specifying the order
 4. `-h/--help` is the flag to get help

5. Path is mandatory to specify
6. Order is optional, by default the sorting order will be of type
5. After running the program you will get a successful message
6. Go to the path and look the folder the organized or not

Syntax

Note:- please make sure you follow the commands properly

Command Syntax : `python3 main.py -o <order> -p <path>`

`<order>` - order can be size, type, extension, date or year

`<path>` - absolute path of the folder to be organized

Usage

- **For Organizing by extension**

```
python3 main.py -p /Users/mintukrishnan/Downloads -o extension
```

- **For organizing by size**

```
python3 main.py -p /Users/mintukrishnan/Downloads -o size
```

- **For organizing by date**

```
python3 main.py -p /Users/mintukrishnan/Downloads -o date
```

- **For organizing by year**

```
python3 main.py -p /Users/mintukrishnan/Downloads -o year
```

- **For organizing by type**

```
python3 main.py -p /Users/mintukrishnan/Downloads -o type
```

note: `/Users/mintukrishnan/Downloads` - This is my path where my junk files reside. You need to get your file path

Executable File

Go to github repository open '`mac application/main-prompt.app/Contents/MacOS/main-prompt`' and run it.

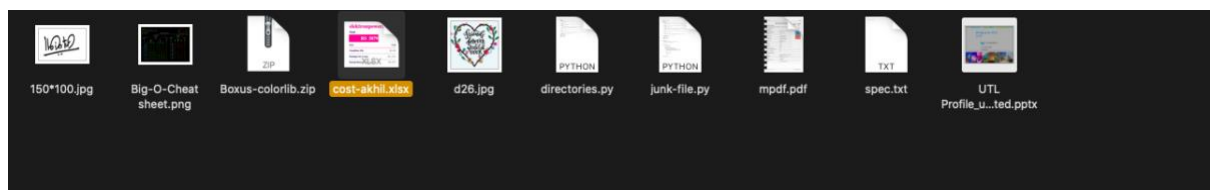
Output

When you run help flag : `python3 main.py -h`

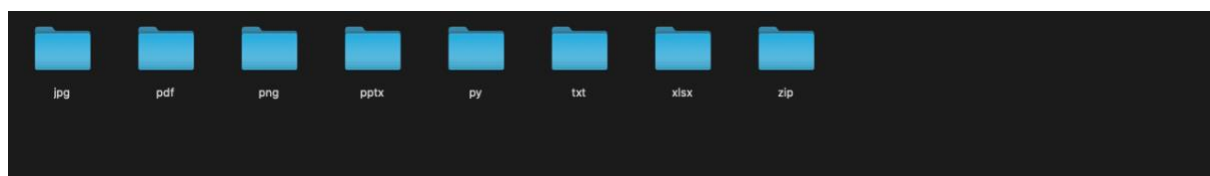
```
*****
*                                     *
*                               JUNK FILE ORGANIZER                               *
*                                     *
*                                     *
*                               # For organizing files by                               *
*                                     *
*   size      : python3 main.py -o size -p <path>                               *
*   date      : python3 main.py -o date -p <path>                               *
*   year      : python3 main.py -o year -p <path>                               *
*   type      : python3 main.py -o type -p <path>                               *
*   extension : python3 main.py -o extension -p <path>                           *
*                                     *
*                               # Flags used                                         *
*                                     *
*   -p / --path : absolute path                                                    *
*   -o / --order : order by                                                        *
*   -h / --help : for help                                                         *
*                                     *
*   -p/--path <path>  - mandatory                                                  *
*   -o/--order <order> - optional, default {type}                                *
*                                     *
*****
usage: main.py [-h] -p [-o]

optional arguments:
  -h, --help      show this help message and exit
  -p, --path      {path} - path of the directory to organize
  -o, --order     {extension,size,year,type,date} - the way you need to organize
```

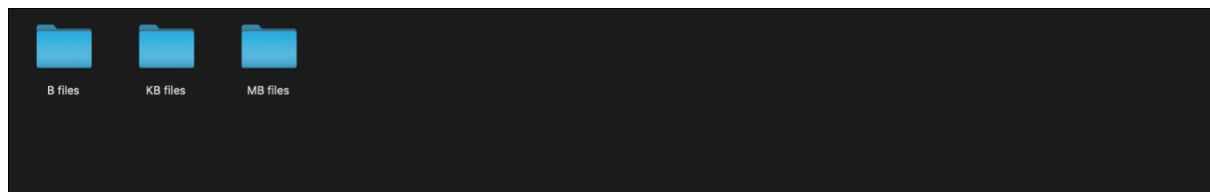
Files before organizing



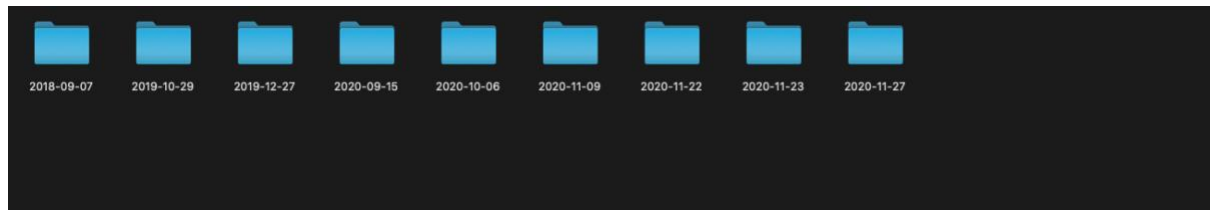
When organized by extension



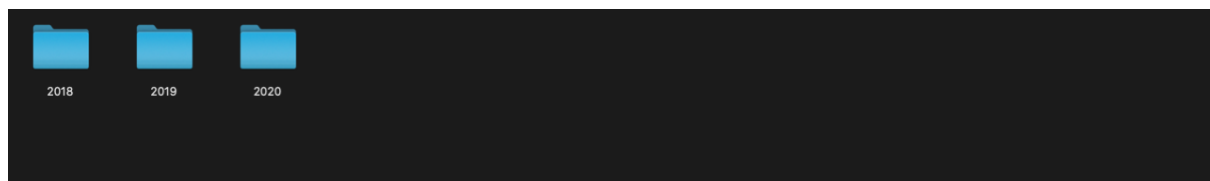
When organized by size



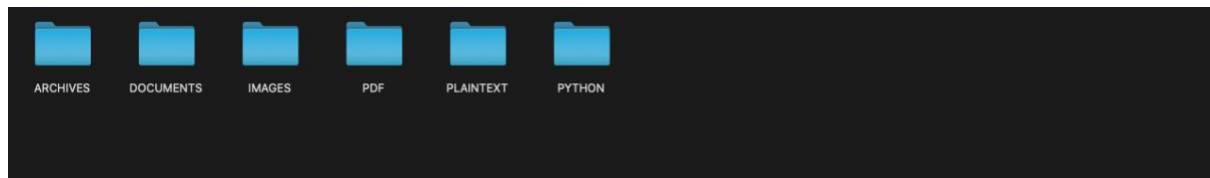
When organized by date



When organized by year



When organized by type



Mac and Linux executable app

If its not opening in your linux or mac system.

Then right click on the `main-prompt.app` --> show package contents --> contents-->MacOS --> run main-prompt

