

README

Hw0501:

1). If the --help option is turned on with other option, the help messages will be printed first but the program will not end. Instead, the other options will still be read in by the program and be executed.

2).

2-1). I am using strtod to get the N seconds and N times from -s and -c options, so arguments like "1234.56a" will still be legal and will be seen as "1234.56".

2.2). -c option will only support integer arguments, float type input will be cast to int.

2.3). The program fetches data every N seconds with -s N option, following the rules: N will be rounded to the sixth decimal place. N cannot be negative or zero.

Hw0502:

1). If the optarg, i.e., "value", is too long, the program prints an error message and ends.

~~2). If the same option is called several times, only the "value" of last one is adopted. e.g. ./hw0502 -t "four seasons" -t "4p" [file1] — The title of file1 will be changed to 4p.~~

2). The program only takes one option at a time now. And it modifies all the files to the same value.

3). If the program encounters any invalid tag while processing, it will simply print an error message and proceed the process.

4). -h option will only print once even with multiple files.

E.g. ./hw0502 -t "yUdoThisToMeTAPeng" [file1] [file2] Changes all the filename to "yUdoThisToMeTAPeng".

Hw0503:

Well... I'm lazy :P so that this program only works when the options -o -e or -d -o are both on. Also, the two options can only be used once. The program will just end if you have the wrong options turned on.

E.g. ./hw0503 -e [file1] -o [file2] (O) ./hw0503 -e [file1] -d [file1] (X)
./hw0503 -o [file1] -e [file2] -e [file3] (X)

Hw0504:

If you can see this message, it means that I didn't finish this program. ☹