

Project name: Log Analyzer Library

US – 9 : Search Logs in directories

there is several directories that contents various logs :

- C:\AmadeoLogs
- C:\AWIErrors
- C:\Loggings

it is very important to note the above directories can be located on other drive such as D:\

Note also that the above directories can be sub directories

Regardless to their location, library should be implemented in such way that i won't cause any problem.

to be able to perform a test, create those directories on you pc drive, download the logs samples in the link below

<https://1drv.ms/u/s!AhuFW4aXlhl5sjg2xBIByDL-1wA8?e=SUSlKE>

Important: the sample provided do not contains all the type of errors within log file, it means that every entry in a log file has a date and time therefore it identify each line

note also that each line need to be compared to each other in other to be able to implement functionality requested within other tasks but exceptions exist.

US-12 : Counts number of unique errors per log files

See User story - 9 for the initial description

each log file content several lines of errors, sometime those errors are duplicated, the goal here is to count/sort errors without taking in account or counting the duplicated ones.

US-13: Counts number of duplicated errors per log files

See User story - 9 for the initial description

each log file content several lines of errors, sometime those errors are duplicated, the goal here is to count/sort how many errors have been duplicated

US-17: Delete archive from a period

See User story - 9 for the initial description

Delete an archive from a period, this is a recursive delete.

US-16: archive logs from a period

See User story - 9 for the initial description

Zip some log files and store them in the same directory then delete the logs zipped / archived

the name of the zipped file should the date range e.g "10_06_2020-15_06_2020.zip" which content the logs of that period in a target directory

US-18: upload logs on a remote server per API

See User story - 9 for the initial description

Upload logs file to a remote server using the API

US-11: Delete logs from a period

See User story - 9 for the initial description

delete logs from a period in all directories or target directory

US-10: Count Total available logs in a period

See User story - 9 for the initial description

total logs in all directories or a target directory in a period

US-15: Search logs per size

See User story - 9 for the initial description

search log per sizes, by given a size range e.g 1kb - 4kb, only work in kilo byte

US-14: Search logs per directory

See User story - 9 for the initial description