Faculty of Computers and Information system, Assiut University.
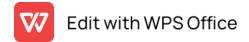
operating system project

Version1.0(Filesystem)

Submitted by: -

1-Mohamed Mohey Eldeen Salama Mohamed
2- Diaa Eldeen Mahmoud Mohamed
3- Ali Maher Mahmoud Mohamed

المستوي الرابع عام قسم نظم المعلومات 2018

Type:

File.GetAttributes(): is aninbuiltFileclassmethodthatisusedtogetthefileattributesofthefileonthepath

TheHasFlagmethod:

is designedtobeusedwithenumerationtypesthataremarkedwiththeFlagsAttributeattribute andcanbeusedtodeterminewhethermultiplebitfieldsareset.

File.Existsmethod:

 If path describesadirectory,thismethodreturns false.Trailingspacesareremovedfrom the path parameterbeforedeterminingifthefileexists.

File.ReadAllLines

Opensatextfile,readsalllinesofthefileintoastringarray,andthenclosesthefile.

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Rename:

Directory.GetDirectories

Returnsthenamesofthesubdirectories(includingtheirpaths)thatmatchthespecifiedsearch patterninthespecifieddirectory,andoptionallysearchessubdirectories.

Directory.GetCurrentDirectory()
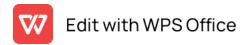
Getsthecurrentworkingdirectoryoftheapplication.

Path.GetFileName
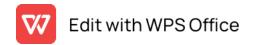
Returnsthefilenameandextensionofthespecifiedpathstring.

Path.GetFullPath

Returnstheabsolutepathforthespecifiedpathstring.

Directory.Move

Movesafileoradirectoryanditscontentstoanewlocation.

File.Move

Movesaspecifiedfiletoanewlocation,providingtheoptiontospecifyanewfilename.

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Rd:

Directory.Exists

checksifthespecifieddirectoryexistsonthegivecomputerornot

Directory.Delete

Deletesanemptydirectoryfromaspecifiedpath.

Directory.GetFiles

Returnsthenamesoffiles(includingtheirpaths)inthespecifieddirectory.

myFile.ToLower

Returnsacopyofthisstringconvertedtolowercase

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Md:

Directory.CreateDirectory createsadirectoryinthespecifiedpathwiththespecifiedWindowssecurity

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cd:

ctory.GetDirectoryRoot

Returnsthevolumeinformation,rootinformation,orbothforthespecifiedpath.

Equals

Determineswhetherthespecifiedobjectisequaltothecurrentobject.

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Dir:

Path.GetFileName

Returnsthefilenameandextensionofthespecifiedpathstring.

Directory.GetCreationTime

Getsthecreationdateandtimeofadirectory

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privatevoidlist_current_directory()

String.Format

Convertsthevalueofobjectstostringsbasedontheformatsspecifiedandinsertstheminto anotherstring.

myDrive.AvailableFreeSpace

Indicatestheamountofavailablefreespaceonadrive,inbytes.

Directory.GetDirectories

Returnsthenamesofsubdirectories(includingtheirpaths)inthespecifieddirectory.

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Help:

nonewmethodes

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Del:

GetFiles()

Returnsafilelistfromthecurrentdirectory.

IsDirectoryEmpty

Determineifthedirectoryisempty,ie.nofilesandnosub-directories

file.Delete()

Deletesthespecifiedfile.

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Copy:

File.Exists

Determineswhetherthespecifiedfileexists.

File.Copy

Copiesanexistingfiletoanewfile.Overwritingafileofthesamenameisallowed.

Path.Combine

Combinestwostringsintoapath.

Path.GetFileName

Returnsthefilenameandextensionofthespecifiedpathstring.