Writing Another Script

* Initial cmdlet

Get-ChildItem

* Set path

Get-ChildItem -path C:\Scripts

* Choose path

param(

[string]$path

)

Get-ChildItem -path $path

* Filter by modified date

param(

[string]$path

)

Get-ChildItem -path $path | where LastWriteTime -LT 11/10/17

* Choose date

param(

[string]$path,

[datetime]$date

)

Get-ChildItem -Path $path | where LastWriteTime -LT $date

* Use days instead of date

param(

[string]$path,

[int]$days

)

Get-ChildItem -Path $path |

where LastWriteTime -LT ((Get-Date).AddDays(-$days))

* Add message

param(

[string]$path,

[int]$days

)

$date = (Get-Date).AddDays(-$days).ToShortDateString()

$a = Get-ChildItem -Path $path | where LastWriteTime -LT $date

"`n The following " + $a.Length + " file(s) have not been modified since " + $date

$a

* Fix message

param(

[string]$path,

[int]$days

)

$date = (Get-Date).AddDays(-$days).ToShortDateString()

$a = Get-ChildItem -Path $path | where LastWriteTime -LT $date

$filecount = 0

if ($a.Length -lt 1){

$filecount = 0

} elseif ($a -isnot [array]){

$filecount = 1

} else {

$filecount = $a.Length

}

"`n The following " + $filecount + " file(s) have not been modified since " + $date

$a

* Archive files

param(

[string]$path,

[int]$days

)

$date = (Get-Date).AddDays(-$days).ToShortDateString()

$a = Get-ChildItem -Path $path | where LastWriteTime -LT $date

$filecount = 0

if ($a.Length -lt 1){

$filecount = 0

} elseif ($a -isnot [array]){

$filecount = 1

} else {

$filecount = $a.Length

}

"`n The following " + $filecount + " file(s) have not been modified since " + $date

$a

$a | Move-Item -Destination C:\Archive

* Add confirmation prompt

param(

[string]$path,

[int]$days

)

$date = (Get-Date).AddDays(-$days).ToShortDateString()

$a = Get-ChildItem -Path $path | where LastWriteTime -LT $date

$filecount = 0

if ($a.Length -lt 1){

$filecount = 0

} elseif ($a -isnot [array]){

$filecount = 1

} else {

$filecount = $a.Length

}

"`n The following " + $filecount + " file(s) have not been modified since " + $date

$a

if ($filecount -gt 0){

$answer = Read-Host "`n Archive file(s)? Yes or No"

while("yes","no" -notcontains $answer) {

$answer = Read-Host "Yes or No"

}

switch ($answer){

"yes" {$a | Move-Item -Destination C:\Archive;"`n Operation Completed"}

"no" {"`n Operation Canceled"}

}

}