

PowerShell et la photo

Déplacer les fichiers par date vers un autre dossier

```
$Destination = 'F:\Photos\'
$Source = 'F:\Photos\2019'
Get-ChildItem -Path $Source -File -Filter *.jpg -Recurse | ForEach-Object {
    $Year = $_.lastwritetime.year.ToString("0000")
    $Month = $_.lastwritetime.month.ToString("00")
    $Day = $_.lastwritetime.day.ToString("00")
    $D = Join-Path $Destination -ChildPath "$Year\$Month-$Year\$Day-$Month-$Year"
    if ((Test-Path $D) -eq $false){New-Item -Path $D -ItemType Directory -Force | Out-Null}
    Move-Item -Path $_.FullName -Destination (Join-Path -Path $D -ChildPath $_.name ) -Force
}
```

Effacer les dossiers vides

```
# Set to true to test the script
$whatIf = $false
# Remove hidden files, like thumbs.db
$removeHiddenFiles = $false
# Get hidden files or not. Depending on removeHiddenFiles setting
$getHiddelFiles = !$removeHiddenFiles
# Remove empty directories locally
Function Delete-EmptyFolder($path)
{
    # Go through each subfolder,
    Foreach ($subFolder in Get-ChildItem -Force -Literal $path -Directory)
    {
        # Call the function recursively
        Delete-EmptyFolder -path $subFolder.FullName
    }
    # Get all child items
    $subItems = Get-ChildItem -Force:$getHiddelFiles -LiteralPath $path
    # If there are no items, then we can delete the folder
    # Exluce folder: If (($subItems -eq $null) -and (-
    Not($path.contains("DfsrPrivate"))))
    If ($subItems -eq $null)
    {
        Write-Host "Removing empty folder '$path'"
        Remove-Item -Force -Recurse:$removeHiddenFiles -LiteralPath $Path -
        WhatIf:$whatIf
    }
}
# Run the script
```

```
Delete-EmptyFolder -path "E:\_Backup"
```

Lire des informations dans un fichier image

```
Function Get-Image
{
    begin{
[void][System.Reflection.Assembly]::LoadWithPartialName("System.Drawing")
|Out-Null
    }
    process{
        $fi=[System.IO.FileInfo]$_
        if( $fi.Exists){
            $img = [System.Drawing.Image]::FromFile($_)
            $img.Clone()
            $img.Dispose()
        }else{
            Write-Host "File not found: $_" -fore yellow
        }
    }
end{}
}
```

```
Get-ChildItem -Path "F:\Deploy\Scripts\Misc\SG -
SetWallpaper\Source\Wallpaper" -Filter *.jpg | ForEach-Object {
    $image = $_ | Get-Image
    New-Object PSObject -Property @{
        File = $_.name
        Fullname = $_.Fullname
        Height = $image.Height
        Width = $image.Width
    };
}
```

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