Working with Files and Folders

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183.82.125.202:4499 - Remote Desktop Connection

Windows PowerShell

Windows PowerShell
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PS C:\Users\devops34> Get-ChildItem -Path C:\ -Force


    Directory: C:\


Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
d--hs-        7/20/2022  11:51 AM                 $Recycle.Bin
d-----         8/4/2022   1:02 PM                 .metadata
d--hs-         9/6/2022  10:47 AM                 Config.Msi
d-----         8/3/2022   1:02 PM                 data
d--hsl        7/13/2022   2:47 AM                 Documents and Settings
d-----        7/15/2022   5:38 PM                 example
d-----        7/12/2022   3:10 PM                 inetpub
d-rh--        7/12/2022   2:52 PM                 MSOCache
d-----         9/6/2022   5:10 PM                 New.Directory
d-----        3/14/2021   5:39 PM                 PerfLogs
d-r---         9/6/2022  10:47 AM                 Program Files
d-----         9/6/2022  10:45 AM                 Program Files (x86)
d--h--        7/27/2022  10:59 PM                 ProgramData
d--hs-        7/13/2022   2:47 AM                 Recovery
d-----        7/12/2022   3:58 PM                 SSMS-Setup-ENU
d--hs-         9/6/2022   4:59 PM                 System Volume Information
d-----         9/7/2022  10:03 AM                 temp
d-r---        7/21/2022  11:10 AM                 Users
d-----        8/22/2022   6:04 PM                 Windows
-a----         9/5/2022   8:03 PM            317 all_urls.txt
-a----         8/3/2022   9:30 AM          21108 Ansible installation on CentOS 7 Linux.docx
-a-hs-         9/6/2022   4:59 PM    15032385536 pagefile.sys
-a----         8/5/2022   1:15 PM            533 web_url.txt


PS C:\Users\devops34> Get-ChildItem -Path C:\ -Force -Recurse


    Directory: C:\


Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
d--hs-        7/20/2022  11:51 AM                 $Recycle.Bin
d-----         8/4/2022   1:02 PM                 .metadata
d--hs-         9/6/2022  10:47 AM                 Config.Msi
d-----         8/3/2022   1:02 PM                 data
```

```
-a----        7/26/2022  11:56 PM            2177 tenants.js


    Directory: C:\Program Files\Azure Data
    Studio\resources\app\extensions\azurecore\node_modules\@azure\arm-subscriptions\node_modules


Mode                LastWriteTime      Length Name
----                -------------      ------ ----
d----        8/16/202Get-ChildItem -Path $env:ProgramFiles -Recurse -Include *.exe | Where-Object -FilterScript {($_.LastWriteTime -gt '2005-10-01') -and ($_.Length -ge 1mb) -and ($_.Length
le 10mb)}rs\devops34>


    Directory: C:\Program Files\Azure Data Studio\resources\app\node_modules.asar.unpacked\vscode-ripgrep\bin


Mode                LastWriteTime      Length Name
----                -------------      ------ ----
-a----        7/26/2022  11:58 PM         4729808 rg.exe


    Directory: C:\Program Files\Azure Data Studio


Mode                LastWriteTime      Length Name
----                -------------      ------ ----
-a----        8/16/2022  10:25 AM         2614625 unins000.exe


    Directory: C:\Program Files\Common Files\microsoft shared\ink


Mode                LastWriteTime      Length Name
----                -------------      ------ ----
-a----        3/14/2021   5:38 PM         1544704 mip.exe


    Directory: C:\Program Files\Common Files\microsoft shared\OFFICE15


Mode                LastWriteTime      Length Name
----                -------------      ------ ----
-a----       10/2/2012   9:17 AM         6779056 CMigrate.exe


    Directory: C:\Program Files\Git\mingw64\bin
```

```
PS C:\Users\devops34> Copy-Item -Path C:\boot.ini -Destination C:\boot.bak
Copy-Item : Cannot find path 'C:\boot.ini' because it does not exist.
At line:1 char:1
+ Copy-Item -Path C:\boot.ini -Destination C:\boot.bak
+ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
    + CategoryInfo          : ObjectNotFound: (C:\boot.ini:String) [Copy-Item], ItemNotFoundException
    + FullyQualifiedErrorId : PathNotFound,Microsoft.PowerShell.Commands.CopyItemCommand

PS C:\Users\devops34> Copy-Item -Path C:\boot.ini -Destination C:\boot.bak -Force
Copy-Item : Cannot find path 'C:\boot.ini' because it does not exist.
At line:1 char:1
+ Copy-Item -Path C:\boot.ini -Destination C:\boot.bak -Force
+ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
    + CategoryInfo          : ObjectNotFound: (C:\boot.ini:String) [Copy-Item], ItemNotFoundException
    + FullyQualifiedErrorId : PathNotFound,Microsoft.PowerShell.Commands.CopyItemCommand

PS C:\Users\devops34> Copy-Item C:\temp\test1 -Recurse C:\temp\DeleteMe
Copy-Item : Cannot find path 'C:\temp\test1' because it does not exist.
At line:1 char:1
+ Copy-Item C:\temp\test1 -Recurse C:\temp\DeleteMe
+ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
    + CategoryInfo          : ObjectNotFound: (C:\temp\test1:String) [Copy-Item], ItemNotFoundException
    + FullyQualifiedErrorId : PathNotFound,Microsoft.PowerShell.Commands.CopyItemCommand

PS C:\Users\devops34> Copy-Item -Filter *.txt -Path c:\data -Recurse -Destination C:\temp\text
PS C:\Users\devops34> (New-Object -ComObject Scripting.FileSystemObject).CopyFile('C:\boot.ini', 'C:\boot.bak')
Exception from HRESULT: 0x800A0035 (CTL_E_FILENOTFOUND)
At line:1 char:1
+ (New-Object -ComObject Scripting.FileSystemObject).CopyFile('C:\boot. ...
+ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
    + CategoryInfo          : OperationStopped: (:) [], FileNotFoundException
    + FullyQualifiedErrorId : System.IO.FileNotFoundException


PS C:\Users\devops34>
```

```
Windows PowerShell
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PS C:\Windows\system32> New-Item -Path 'C:\temp\New Folder' -ItemType Directory
New-Item : An item with the specified name C:\temp\New Folder already exists.
At line:1 char:1
+ New-Item -Path 'C:\temp\New Folder' -ItemType Directory
+ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
    + CategoryInfo          : ResourceExists: (C:\temp\New Folder:String) [New-Item], IOException
    + FullyQualifiedErrorId : DirectoryExist,Microsoft.PowerShell.Commands.NewItemCommand

PS C:\Windows\system32> New-Item -Path 'C:\temp\New Folder\file.txt' -ItemType File
New-Item : The file 'C:\temp\New Folder\file.txt' already exists.
At line:1 char:1
+ New-Item -Path 'C:\temp\New Folder\file.txt' -ItemType File
+ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
    + CategoryInfo          : WriteError: (C:\temp\New Folder\file.txt:String) [New-Item], IOException
    + FullyQualifiedErrorId : NewItemIOError,Microsoft.PowerShell.Commands.NewItemCommand

PS C:\Windows\system32> Remove-Item -Path C:\temp\DeleteMe -Recurse
Remove-Item : Cannot find path 'C:\temp\DeleteMe' because it does not exist.
At line:1 char:1
+ Remove-Item -Path C:\temp\DeleteMe -Recurse
+ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
    + CategoryInfo          : ObjectNotFound: (C:\temp\DeleteMe:String) [Remove-Item], ItemNotFoundException
    + FullyQualifiedErrorId : PathNotFound,Microsoft.PowerShell.Commands.RemoveItemCommand

PS C:\Windows\system32> New-PSDrive -Name P -Root $env:ProgramFiles -PSProvider FileSystem

Name           Used (GB)     Free (GB) Provider      Root                                        CurrentLocation
----           ---------     --------- --------      ----                                        ---------------
P                   0.00         52.26 FileSystem    C:\Program Files


PS C:\Windows\system32> $Computers = Get-Content -Path C:\temp\DomainMembers.txt
Get-Content : Cannot find path 'C:\temp\DomainMembers.txt' because it does not exist.
At line:1 char:14
+ $Computers = Get-Content -Path C:\temp\DomainMembers.txt
+              ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
    + CategoryInfo          : ObjectNotFound: (C:\temp\DomainMembers.txt:String) [Get-Content], ItemNotFoundException
    + FullyQualifiedErrorId : PathNotFound,Microsoft.PowerShell.Commands.GetContentCommand

PS C:\Windows\system32>
```