

SÃO PAULO TECH SHCOOL



Sistemas Operacionais – Comandos Power Shell

Guilherme Coimbra – 02221070

São Paulo, 2022

Get-Date: Então esse comando captura a data corrente da máquina local

```
PS C:\WINDOWS\system32> Get-Date  
quinta-feira, 18 de agosto de 2022 19:47:14  
  
PS C:\WINDOWS\system32>
```

Get-Date -Date "05/02/2019":

```
PS C:\WINDOWS\system32> Get-Date -Date "05/02/2019"  
terça-feira, 5 de fevereiro de 2019 00:00:00  
  
PS C:\WINDOWS\system32> |
```

Get-Date -DisplayHint:

```
PS C:\WINDOWS\system32> Get-Date -DisplayHint Date  
quinta-feira, 18 de agosto de 2022
```

```
PS C:\WINDOWS\system32> Get-Date -DisplayHint DateTime  
quinta-feira, 18 de agosto de 2022 19:56:28
```

```
|  
PS C:\WINDOWS\system32> Get-Date -DisplayHint Time  
19:56:36
```

Get-Date -Format:

```
PS C:\WINDOWS\system32> Get-Date -Format "MM/dd/yyyy HH:mm K"  
08/18/2022 20:06 -03:00
```

```
PS C:\WINDOWS\system32> Get-Date -Format "dd/MM/yyyy HH:mm K"  
18/08/2022 20:07 -03:00
```

```
PS C:\WINDOWS\system32> Get-Date -Format "dddd MM/dd"  
quinta-feira 08/18
```

```
PS C:\WINDOWS\system32> Get-Date -Format "dddd"  
quinta-feira
```

```
PS C:\WINDOWS\system32> Get-Date -year 1999  
quarta-feira, 18 de agosto de 1999 20:08:24
```

```
PS C:\WINDOWS\system32> Get-Date -year 1999 -Month 11 -Day 30
terça-feira, 30 de novembro de 1999 20:08:59
```

```
PS C:\WINDOWS\system32> (Get-Date).IsDaylightSavingTime()
False

PS C:\WINDOWS\system32> $DST = Get-Date

PS C:\WINDOWS\system32> $DST.IsDayLightSavingTime()
False
```

Verb-Get: usado para alias:

```
PS C:\WINDOWS\system32> Get-Command -Verb Get

CommandType      Name
-----
Alias             Get-AppPackage
Alias             Get-AppPackageDefaultVolume
Alias             Get-AppPackageLastError
Alias             Get-AppPackageLog
Alias             Get-AppPackageManifest
Alias             Get-AppPackageVolume
```

CD e DIR: Para sair e visualizar os diretórios:

```
PS C:\WINDOWS\system32> cd ..
PS C:\WINDOWS> cd ..
PS C:\> dir

Diretório: C:\

Mode                LastWriteTime         Length Name
----                -
d-----          22/07/2020        17:42      Intel
d-----          15/05/2022        17:42    Microsoft
d-----          07/12/2019         06:14    PerfLogs
d-r---          13/08/2022        21:27  Program Files
d-r---          17/04/2022        18:54  Program Files (x86)
d-r---          02/07/2021        21:06      Users
d-----          17/08/2022        20:06     Windows
```

Entrando nos diretórios:

```

PS C:\> cd .\Users
PS C:\Users> cd .\Public
PS C:\Users\Public> cd .\Documents
PS C:\Users\Public\Documents> |

```

New-Item file.txt: Criando arquivos

```

PS C:\Users\Public\Documents> New-Item file.txt

Diretório: C:\Users\Public\Documents

Mode                LastWriteTime         Length Name
----                -
-a----            18/08/2022    20:21             0 file.txt

PS C:\Users\Public\Documents> New-Item file1.txt

Diretório: C:\Users\Public\Documents

Mode                LastWriteTime         Length Name
----                -
-a----            18/08/2022    20:21             0 file1.txt

PS C:\Users\Public\Documents> dir

Diretório: C:\Users\Public\Documents

Mode                LastWriteTime         Length Name
----                -
d-----     01/12/2020    18:26             Edrawsoft
-a----     18/08/2022    20:21             0 file.txt
-a----     18/08/2022    20:21             0 file1.txt

```

Concatenando valores:

```

PS C:\Users\Public\Documents> cat file.txt, file1.txt > file2.txt
PS C:\Users\Public\Documents> dir

Diretório: C:\Users\Public\Documents

Mode                LastWriteTime         Length Name
----                -
d-----     01/12/2020    18:26             Edrawsoft
-a----     18/08/2022    20:25             9 file.txt
-a----     18/08/2022    20:26            21 file1.txt
-a----     18/08/2022    20:29            70 file2.txt

```

RM – Removendo arquivo:

```
PS C:\Users\Public\Documents> rm file2.txt

PS C:\Users\Public\Documents> dir

Diretório: C:\Users\Public\Documents

Mode                LastWriteTime         Length Name
----                -
d-----          01/12/2020         18:26      Edrawsoft
-a-----          18/08/2022         20:25           9 file.txt
-a-----          18/08/2022         20:26          21 file1.txt
```

Exibindo programas instalados na minha máquina:

```
PS C:\Users\Public\Documents> Get-ItemProperty HKLM:\Software\Wow6432Node\Microsoft\Windows\CurrentVersion\Uninstall\* |Select-Object DisplayName,
DisplayVersion |Sort-Object -Property DisplayName -Unique |Format-Table -AutoSize

DisplayName
-----
Apple Software Update
Arduino
ClickOnce Bootstrapper Package for Microsoft .NET Framework
Entity Framework 6.2.0 Tools For Visual Studio 2022
Google Chrome
Icecap_collection_neutral
Icecap_collectionresources
Icecap_collectionresourcesx64
IntelliTraceProfilerProxy
Java Auto Updater
Microsoft .NET Framework 4.6.2 Targeting Pack
Microsoft .NET Framework 4.7 Targeting Pack
Microsoft .NET Framework 4.7.1 Targeting Pack
Microsoft .NET Framework 4.7.2 Targeting Pack
Microsoft .NET Framework 4.8 SDK
Microsoft .NET Framework 4.8 Targeting Pack
Microsoft .NET Host FX Resolver - 6.0.3 (x86)
Microsoft .NET Runtime - 6.0.3 (x86)
Microsoft ASP.NET Core 6.0.3 Shared Framework (x86)
Microsoft ASP.NET Diagnostic Pack for Visual Studio
```

Criando arquivo com essas informações:

Criando arquivo com meu nome e RA:

Criando arquivos:

```
PS C:\Users\Public\Documents> New-Item nome.txt

Diretório: C:\Users\Public\Documents

Mode                LastWriteTime         Length Name
----                -
-a-----          18/08/2022         21:28           0 nome.txt

PS C:\Users\Public\Documents> New-Item ra.txt

Diretório: C:\Users\Public\Documents

Mode                LastWriteTime         Length Name
----                -
-a-----          18/08/2022         21:28           0 ra.txt
```

Escrevi valores dentro dos arquivos.

Concatenando:

```
PS C:\Users\Public\Documents> cat nome.txt, ra.txt > file.txt
```

```
PS C:\Users\Public\Documents> dir
```

Diretório: C:\Users\Public\Documents

Mode	LastWriteTime		Length	Name
----	-----		-----	----
d-----	01/12/2020	18:26		Edrawsoft
-a-----	18/08/2022	21:31	60	file.txt
-a-----	18/08/2022	21:29	17	nome.txt
-a-----	18/08/2022	21:29	8	ra.txt

