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Windows PowerShell Get-Help on Cmdlet 'Remove-PSDrive'

PS:\>Get-HELP Remove-PSDrive -Full

NAME

   Remove-PSDrive

SYNOPSIS

   Deletes temporary PowerShell drives and disconnects mapped network drives.

SYNTAX

   Remove-PSDrive [-LiteralName] <System.String[]> [-Force] [-PSProvider <System.String[]>] [-Scope <System.String>]
[-UseTransaction] [-Confirm] [-WhatIf]

   [<CommonParameters>]

      Remove-PSDrive [-Name] <System.String[]> [-Force] [-PSProvider <System.String[]>] [-Scope <System.String>]
[-UseTransaction] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

    The `Remove-PSDrive` cmdlet deletes temporary PowerShell drives that were created by using the `New-PSDrive`
cmdlet.

Beginning in Windows PowerShell 3.0, `Remove-PSDrive` also disconnects mapped network drives, including, but not limited to, drives created by using the Persist

parameter of `New-PSDrive`.

`Remove-PSDrive` cannot delete Windows physical or logical drives.

Beginning in Windows PowerShell 3.0, when an external drive is connected to the computer, PowerShell automatically adds a PSDrive to the file system that represents

the new drive. You do not need to restart PowerShell. Similarly, when an external drive is disconnected from the computer, PowerShell automatically deletes the

PSDrive that represents the removed drive.

PARAMETERS

  -Force <System.Management.Automation.SwitchParameter>

    Removes the current PowerShell drive.

    Required?   false
    Position?   named
    Default value   False
    Accept pipeline input?   False
    Accept wildcard characters? false

  -LiteralName <System.String[]>

    Specifies the name of the drive.

    The value of LiteralName is used exactly as typed. No characters are interpreted as wildcards. If the name includes escape characters, enclose it in single

    quotation marks (`'`). Single quotation marks instruct PowerShell not to interpret any characters as escape sequences.

    Required?   true
    Position?   0
    Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-Name <System.String[]>

Specifies the names of the drives to remove. Do not type a colon (`:`) after the drive name.

Required?   true

Position?   0

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? true

-PSProvider <System.String[]>

Specifies an array of PSProvider objects. This cmdlet removes and disconnects all of the drives associated with the specified PowerShell provider.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-Scope <System.String>

Specifies a scope for the drive. The acceptable values for this parameter are: `Global`, `Local`, and `Script`, or a number relative to the current scope. Scopes

number `0` through the number of scopes. The current scope number is `0` and its parent is `1`. For more information, see about_Scopes

(../Microsoft.PowerShell.Core/About/about_Scopes.md).

Required?   false

Position?   named

Default value   Local

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-UseTransaction <System.Management.Automation.SwitchParameter>

Includes the command in the active transaction. This parameter is valid only when a transaction is in progress. For more information, see about_Transactions

(../Microsoft.PowerShell.Core/About/about_Transactions.md).

Required?   false

Position?   named

Default value   False

Accept pipeline input?   False

Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

Required?   false

Position?   named

Default value   False

Accept pipeline input?   False

Accept wildcard characters? false

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required?   false

Position?   named

Default value   False

Accept pipeline input?   False

Accept wildcard characters? false

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug,

ErrorAction, ErrorVariable, WarningAction, WarningVariable,

OutBuffer, PipelineVariable, and OutVariable. For more information, see

about_CommonParameters (https:/go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

System.Management.Automation.PSDriveInfo

You can pipe a drive object, such as from the `Get-PSDrive` cmdlet, to this cmdlet.

OUTPUTS

None

This cmdlet returns no output.

NOTES

Windows PowerShell includes the following aliases for `Remove-PSDrive`:

- `rdr`

- The `Remove-PSDrive` cmdlet is designed to work with the data exposed by any PowerShell provider.   To list the providers in your session, use the

`Get-PSProvider`   cmdlet.   For   more   information,   see   about_Providers (../Microsoft.PowerShell.Core/About/about_Providers.md).

------------ Example 1: Remove a file system drive ------------

Remove-PSDrive -Name smp

----------- Example 2: Remove mapped network drives -----------

Get-PSDrive X, S | Remove-PSDrive

RELATED LINKS

Get-PSDrive

New-PSDrive

about_Providers