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

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

NAME

   Remove-Variable

SYNOPSIS

   Deletes a variable and its value.

SYNTAX

    Remove-Variable [-Name] <System.String[]> [-Exclude <System.String[]>] [-Force] [-Include <System.String[]>] [-Scope

<System.String>] [-Confirm] [-WhatIf]

   [<CommonParameters>]

DESCRIPTION

    The `Remove-Variable` cmdlet deletes a variable and its value from the scope in which it is defined, such as the current

session. You cannot use this cmdlet to delete

   variables that are set as constants or those that are owned by the system.

PARAMETERS

-Exclude <System.String[]>

Specifies an array of items that this cmdlet omits from the operation. The value of this parameter qualifies the Name parameter. Enter a name element or pattern,

such as "s*". Wildcards are permitted.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? true

-Force <System.Management.Automation.SwitchParameter>

Indicates that the cmdlet removes a variable even if it is read-only. Even using the Force parameter, the cmdlet cannot remove a constant.

Required?   false

Position?   named

Default value   False

Accept pipeline input?   False

Accept wildcard characters? false

-Include <System.String[]>

Specifies an array of items that this cmdlet deletes in the operation. The value of this parameter qualifies the Name parameter. Enter a name element or pattern,

such as s*. Wildcards are permitted.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? true

-Name <System.String[]>

Specifies the name of the variable to be removed. The parameter name (Name) is optional. Wildcards are permitted

Required?   true

Position?   0

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? true

-Scope <System.String>

Gets only the variables in the specified scope. The acceptable values for this parameter are:

- Global

- Local

- Script

- A number relative to the current scope (0 through the number of scopes, where 0 is the current

scope and 1 is its parent)

Local is the default. For more information, see about_Scopes (../Microsoft.PowerShell.Core/About/about_Scopes.md).

Required?   false

Position?   named

Default value   None

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.PSVariable

You can pipe a variable object to this cmdlet.

OUTPUTS

None

This cmdlet returns no output.

NOTES

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

- `rv`

    - Changes affect only the current scope, such as a session. To delete a variable from all sessions,   add a `Remove-Variable` command to your PowerShell profile.

----------------- Example 1: Remove a variable -----------------

Remove-Variable Smp

This command deletes the `$Smp` variable.

RELATED LINKS

Online   Version:
https://learn.microsoft.com/powershell/module/microsoft.powershell.utility/remove-variable?view=powershell-5.1&WT.mc_id
=ps-gethelp

Clear-Variable

Get-Variable

New-Variable

Set-Variable