



Windows PowerShell Get-Help on Cmdlet 'Get-History'

PS:\>Get-HELP Get-History -Full

NAME

Get-History

SYNOPSIS

Gets a list of the commands entered during the current session.

SYNTAX

Get-History [[-Id] <System.Int64[]>] [[-Count] <System.Int32>] [<CommonParameters>]

DESCRIPTION

The `Get-History` cmdlet gets the session history, that is, the list of commands entered during the current session.

PowerShell automatically maintains a history of each session. The number of entries in the session history is determined by the value of the `\$MaximumHistoryCount`

preference variable. Beginning in Windows PowerShell 3.0, the default value is `4096`. By default, history files are saved in the home directory, but you can save the

file in any location. For more information about the history features in PowerShell, see `about_History` (About/about_History.md).

The session history is managed separately from the history maintained by the PSReadLine module. Both histories are available in sessions where PSReadLine is loaded.

This cmdlet only works with the session history. For more information see, [about_PSReadLine](#) (./PSReadLine/About/about_PSReadLine.md).

PARAMETERS

-Count <System.Int32>

Specifies the number of the most recent history entries that this cmdlet gets. By default, ``Get-History`` gets all entries in the session history. If you use both

the Count and Id parameters in a command, the display ends with the command that is specified by the Id parameter.

In Windows PowerShell 2.0, by default, ``Get-History`` gets the 32 most recent entries.

Required?	false
Position?	1
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-Id <System.Int64[]>

Specifies an array of the IDs of entries in the session history. ``Get-History`` gets only specified entries. If you use both the Id and Count parameters in a

command, ``Get-History`` gets the most recent entries ending with the entry specified by the Id parameter.

Required?	false
Position?	0
Default value	None
Accept pipeline input?	True (ByValue)
Accept wildcard characters?	false

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

INPUTS

System.Int64

You can pipe a history ID to this cmdlet.

OUTPUTS

Microsoft.PowerShell.Commands.HistoryInfo

This cmdlet returns a history object for each history item that it gets.

NOTES

Windows PowerShell includes the following aliases for ``Get-History``:

`-`h`` `-`history`` `-`ghy``

The session history is a list of the commands entered during the session. The session history represents the run order, the status, and the start and end times of

the command. As you enter each command, PowerShell adds it to the history so that you can reuse it. For more information about the command history, see

[about_History](#) (About/about_History.md).

Starting in Windows PowerShell 3.0, the default value of the ``$MaximumHistoryCount`` preference variable is ``4096``. In Windows PowerShell 2.0, the default value is

``64``. For more information about the ``$MaximumHistoryCount`` variable, see [about_Preference_Variables](#) (About/about_Preference_Variables.md).

----- Example 1: Get the session history -----

Get-History

----- Example 2: Get entries that include a string -----

Get-History | Where-Object {\$_.CommandLine -like "**Service*"}

---- Example 3: Export history entries up to a specific ID ----

Get-History -ID 7 -Count 5 | Export-Csv -Path History.csv

----- Example 4: Display the most recent command -----

Get-History -Count 1

Example 5: Display all the properties of the entries in the history

Get-History | Format-List -Property *

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/microsoft.powershell.core/get-history?view=powershell-5.1&WT.mc_id=ps-gethelp

Add-History

Clear-History

Invoke-History

