



## ***Windows PowerShell Get-Help on Cmdlet 'Clear-History'***

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

### NAME

Clear-History

### SYNOPSIS

Deletes entries from the PowerShell session command history.

### SYNTAX

Clear-History [[-Count] <System.Int32>] [-CommandLine <System.String[]>] [-Newest] [-Confirm] [-WhatIf]  
[<CommonParameters>]

Clear-History [[-Id] <System.Int32[]>] [[-Count] <System.Int32>] [-Newest] [-Confirm] [-WhatIf] [<CommonParameters>]

### DESCRIPTION

`Clear-History` deletes the command history from a PowerShell session. Each PowerShell session has its own command history. To display the command history, use the

`Get-History` cmdlet.

By default, `Clear-History` deletes the entire command history from a PowerShell session. You can use parameters with

``Clear-History`` to delete selected commands.

``Clear-History`` does not clear the ``PSReadLine`` command history file. The ``PSReadLine`` module stores a history file that contains every PowerShell command from every

PowerShell session. From a PowerShell prompt, use the up and down arrows on your keyboard to scroll through the command history. To display the ``PSReadLine``

configuration for command history, use ``Get-PSReadLineOption``. ``PSReadLine`` shipped with PowerShell 5.0 and above. For more information, see `about_PSReadLine` (`../PSReadLine/About/about_PSReadLine.md`).

## PARAMETERS

`-CommandLine <System.String[]>`

Deletes command history from a PowerShell session. The string must be an exact match or use wildcards to match commands in the PowerShell session history

displayed by ``Get-History``. If you enter more than one string, ``Clear-History`` deletes commands that match any of the strings. The `CommandLine` parameter can be used with `Count`.

For strings with a space, use single quotations. For more information, see `about_Quoting_Rules` (`About/about_Quoting_Rules.md`).

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

`-Count <System.Int32>`

Specifies the number of history entries that ``Clear-History`` deletes. Commands are deleted in order, beginning with the oldest entry in the history.

The `Count` and `Id` parameters can be used together. The `Count` parameter specifies the number of commands to

delete, inclusive of the specified Id . Beginning at the

specified Id , commands are deleted in reverse sequential order. For example, if the Id is 30 and the Count is 10, ``Clear-History`` deletes items 21 through 30.

The Count and CommandLine parameters can be used together. Count specifies the number of commands to delete that match CommandLine parameter value. The commands are deleted in sequential order.

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

`-Id <System.Int32[]>`

Specifies the command history Id that ``Clear-History`` deletes. To display Id numbers, use the ``Get-History`` cmdlet. The Id numbers are sequential and commands

keep their Id number throughout a PowerShell session. The Id parameter can be used with Count and Newest .

Required?	false
Position?	0
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

`-Newest <System.Management.Automation.SwitchParameter>`

When the Newest parameter is used, ``Clear-History`` deletes the newest entries in the history. By default, ``Clear-History`` deletes the oldest entries in the history.

The Newest parameter can be used with Id and Count . The Count parameter specifies the number of commands to delete, inclusive of the specified Id . Beginning at

the specified Id , commands are deleted in sequential order. For example, if the Id is 30 and the Count is 10,

`Clear-History` deletes items 30 through 39.

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 `Clear-History` 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 `Clear-History` 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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

None

You can't pipe objects to this cmdlet.

## OUTPUTS

None

This cmdlet returns no output.

## NOTES

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

- ``clhy``

The PowerShell session history is a list of the commands entered during a PowerShell session. You can view the history, add and delete commands, and run commands

from the history. For more information, 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).

Example 1: Delete the command history from a PowerShell session

Get-History

Id CommandLine

-- -----

1 Set-Location .\Test

2 Update-Help

3 Set-Location C:\Test\Logs

4 Get-Location

Clear-History

Get-History

Id CommandLine

-- -----

5 Clear-History

The `Get-History` cmdlet displays the PowerShell session's history. `Clear-History` deletes the entire command history.

`Get-History` displays the updated command

history and confirms the prior history was deleted.

----- Example 2: Delete the newest commands -----

Get-History

Id CommandLine

-- -----

1 Set-Location C:\Test\

2 Get-Command Clear-History

3 Get-Command Clear-History -Syntax

4 Get-Command Clear-History -ShowCommandInfo

5 Get-Help Get-Alias

6 Get-Command Get-ChildItem -Syntax

7 Get-Help Clear-History

8 Set-Location C:\Test\Logs

9 Get-Help Get-Variable

10 Get-Help Get-ChildItem

Clear-History -Count 5 -Newest

Get-History

Id CommandLine

-- -----

- 1 Set-Location C:\Test\
- 2 Get-Command Clear-History
- 3 Get-Command Clear-History -Syntax
- 4 Get-Command Clear-History -ShowCommandInfo
- 5 Get-Help Get-Alias
- 11 Clear-History -Count 5 -Newest

The `Get-History` cmdlet displays the PowerShell session's history. `Clear-History` is used to delete the command history. The Count parameter specifies the number of

commands to delete, inclusive of the specified Id . The Newest parameter specifies that the newest commands are cleared from the history. `Get-History` displays the

updated command history and confirms that the five newest commands were deleted, Id 6 - Id 10 .

--- Example 3: Delete commands that match specific criteria ---

Get-History

Id CommandLine

-- -----

- 1 Set-Location C:\Test\
- 2 Get-Command Clear-History
- 3 Get-Command Clear-History -Syntax
- 4 Get-Command Clear-History -ShowCommandInfo
- 5 Get-Help Get-Alias
- 6 Get-Command Get-ChildItem -Syntax
- 7 Get-Help Clear-History

Clear-History -CommandLine \*Help\*, \*Syntax

Get-History

Id CommandLine

-- -----

```
1 Set-Location C:\Test\  
2 Get-Command Clear-History  
4 Get-Command Clear-History -ShowCommandInfo  
8 Clear-History -CommandLine *Help*, *Syntax
```

The `Get-History` cmdlet displays the PowerShell session's history. `Clear-History` deletes the command history. The `CommandLine` parameter specifies commands that

contain Help or end with Syntax . `Get-History` displays the updated command history and confirms that commands Id 3 , Id 5 , Id 6 , and Id 7 were deleted.

----- Example 4: Delete commands by Id number -----

Get-History

Id CommandLine

-- -----

```
1 Set-Location C:\Test\  
2 Get-History  
3 Get-Help Get-Alias  
4 Get-Command Clear-History  
5 Get-Command Clear-History -Syntax  
6 Get-Command Clear-History -ShowCommandInfo
```

Clear-History -Id 3, 5

Get-History

Id CommandLine

-- -----

```
1 Set-Location C:\Test\  
2 Get-History  
4 Get-Command Clear-History  
6 Get-Command Clear-History -ShowCommandInfo  
7 Get-History  
8 Clear-History -Id 3, 5
```



The `Get-History` cmdlet displays the PowerShell session's history. `Clear-History` deletes the command history. The `Id` parameter specifies which commands to delete.

`Get-History` displays the updated command history and confirms that `Id 3` and `Id 5` were deleted.

----- Example 5: Delete commands by `Id` number and count -----

Get-History

`Id` `CommandLine`

-- -----

- 1 Set-Location C:\Test\
- 2 Get-Command Clear-History
- 3 Get-Command Clear-History -Syntax
- 4 Get-Command Clear-History -ShowCommandInfo
- 5 Get-Help Get-Alias
- 6 Get-Command Get-ChildItem -Syntax
- 7 Get-Help Clear-History
- 8 Set-Location C:\Test\Logs
- 9 Get-Help Get-Variable
- 10 Get-Help Get-ChildItem

Clear-History -Id 7 -Count 5

Get-History

`Id` `CommandLine`

-- -----

- 1 Set-Location C:\Test\
- 2 Get-Command Clear-History
- 8 Set-Location C:\Test\Logs
- 9 Get-Help Get-Variable
- 10 Get-Help Get-ChildItem
- 11 Clear-History -Id 7 -Count 5

The ``Get-History`` cmdlet displays the PowerShell session's history. ``Clear-History`` deletes the command history. The `Id` parameter specifies to begin with Id 7 . The

Count parameter specifies to delete five commands, inclusive of the specified Id . ``Get-History`` displays the updated command history and confirms that five commands

were deleted, Id 3 - Id 7 .

## RELATED LINKS

Online

Version:

[https://learn.microsoft.com/powershell/module/microsoft.powershell.core/clear-history?view=powershell-5.1&WT.mc\\_id=ps-gethelp](https://learn.microsoft.com/powershell/module/microsoft.powershell.core/clear-history?view=powershell-5.1&WT.mc_id=ps-gethelp)

`about_History`

`about_PSReadLine`

`about_Quoting_Rules`

`Add-History`

`Get-History`

`Invoke-History`

`Get-PSReadLineOption`

`Set-PSReadLineOption`