



python



PowerShell

FPDF Library  
PDF generator

*Full credit is given to the above companies including the OS that this PDF file was generated!*

### ***PowerShell Get-Help on command 'Clear-History'***

***PS C:\Users\wahid> Get-Help Clear-History***

#### 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`).

`-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.

**-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 .

**-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.

**-Confirm <System.Management.Automation.SwitchParameter>**

Prompts you for confirmation before running the `Clear-History` cmdlet.

**-WhatIf <System.Management.Automation.SwitchParameter>**

Shows what would happen if the `Clear-History` cmdlet runs. The cmdlet is not run.

**<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).

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 .

#### REMARKS

To see the examples, type: "get-help Clear-History -examples".

For more information, type: "get-help Clear-History -detailed".

For technical information, type: "get-help Clear-History -full".

For online help, type: "get-help Clear-History -online"