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PowerShell

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PowerShell Get-Help on command 'Clear-Item'

PS C:\Users\wahid> Get-Help Clear-Item

NAME

Clear-Item

SYNOPSIS

Clears the contents of an item, but does not delete the item.

SYNTAX

```
Clear-Item [-Credential <System.Management.Automation.PSCredential>] [-Exclude  
<System.String[]>] [-Filter <System.String>] [-Force] [-Include  
<System.String[]>] [-LiteralPath <System.String[]>] [-UseTransaction] [-Confirm]  
[-WhatIf] [<CommonParameters>]
```

```
Clear-Item [-Path] <System.String[]> [-Credential  
<System.Management.Automation.PSCredential>] [-Exclude <System.String[]>]  
[-Filter <System.String>] [-Force] [-Include <System.String[]>]  
[-UseTransaction] [-Confirm] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The `Clear-Item` cmdlet clears the content of an item, but it does not delete

the item. For example, the ``Clear-Item`` cmdlet can delete the value of a variable, but it does not delete the variable. The value that used to represent a cleared item is defined by each PowerShell provider. This cmdlet is similar to ``Clear-Content``, but it works on aliases and variables, instead of files.

PARAMETERS

`-Credential <System.Management.Automation.PSCredential>`

> [!NOTE] > This parameter is not supported by any providers installed with PowerShell. > To impersonate another user, or elevate your credentials when running this cmdlet, > use `Invoke-Command` (`../Microsoft.PowerShell.Core/Invoke-Command.md`).

`-Exclude <System.String[]>`

Specifies, as a string array, an item or items that this cmdlet excludes in the operation. The value of this parameter qualifies the `Path` parameter. Enter a path element or pattern, such as ``.txt``. Wildcard characters are permitted. The `Exclude *` parameter is effective only when the command includes the contents of an item, such as ``C:\Windows*``, where the wildcard character specifies the contents of the ``C:\Windows`` directory.

`-Filter <System.String>`

Specifies a filter to qualify the `Path` parameter. The `FileSystem` (`../Microsoft.PowerShell.Core/About/about_FileSystem_Provider.md`) provider is the only installed PowerShell provider that supports the use of filters. You can find the syntax for the `FileSystem` filter language in `about_Wildcards` (`../Microsoft.PowerShell.Core/About/about_Wildcards.md`). Filters are more efficient than other parameters, because the provider applies them when the cmdlet gets the objects rather than having PowerShell filter the objects after they are retrieved.

-Force <System.Management.Automation.SwitchParameter>

Indicates that the cmdlet clears items that cannot otherwise be changed, such as read-only aliases. The cmdlet cannot clear constants.

Implementation varies from provider to provider. For more information, see [about_Providers \(../Microsoft.PowerShell.Core/About/about_Providers.md\)](#).

The cmdlet cannot override security restrictions, even when the Force parameter is used.

-Include <System.String[]>

Specifies, as a string array, an item or items that this cmdlet includes in the operation. The value of this parameter qualifies the Path parameter. Enter a path element or pattern, such as ``.txt``. Wildcard characters are permitted. The Include * parameter is effective only when the command includes the contents of an item, such as ``C:\Windows*``, where the wildcard character specifies the contents of the ``C:\Windows`` directory.

-LiteralPath <System.String[]>

Specifies a path to one or more locations. The value of LiteralPath is used exactly as it is typed. No characters are interpreted as wildcards. If the path includes escape characters, enclose it in single quotation marks. Single quotation marks tell PowerShell not to interpret any characters as escape sequences.

For more information, see [about_Quoting_Rules \(../Microsoft.Powershell.Core/About/about_Quoting_Rules.md\)](#).

-Path <System.String[]>

Specifies the path to the items being cleared. Wildcard characters are permitted. This parameter is required, but the parameter name Path is optional.

-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`).

`-Confirm <System.Management.Automation.SwitchParameter>`
Prompts you for confirmation before running the cmdlet.

`-WhatIf <System.Management.Automation.SwitchParameter>`
Shows what would happen if the 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>).

----- Example 1: Clear the value of a variable -----

```
Clear-Item Variable:TestVar1
```

```
Set-Location Variable:
```

```
PS Variable:\> Clear-Item TestVar1
```

----- Example 2: Clear all registry entries -----

```
Clear-Item HKLM:\Software\MyCompany\MyKey -Confirm
```

REMARKS

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

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

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

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