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PowerShell

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PowerShell Get-Help on command 'Clear-Content'

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

NAME

Clear-Content

SYNOPSIS

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

SYNTAX

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

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

DESCRIPTION

The `Clear-Content` cmdlet deletes the contents of an item, such as deleting

the text from a file, but it does not delete the item. As a result, the item exists, but it is empty. `Clear-Content` is similar to `Clear-Item`, but it works on items with contents, instead of items with values.

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`.

`-Exclude <System.String[]>`

Specifies, as a string array, strings that this cmdlet omits from the path to the content. The value of this parameter qualifies the Path parameter. Enter a path element or pattern, such as `*.txt`. Wildcards are permitted.

`-Filter <System.String>`

Specifies a filter in the provider's format or language. The value of this parameter qualifies the Path parameter. The syntax of the filter, including the use of wildcards, depends on the provider. Filters are more efficient than other parameters, because the provider applies them when retrieving the objects, rather than having PowerShell filter the objects after they are retrieved.

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

Forces the command to run without asking for user confirmation.

`-Include <System.String[]>`

Specifies, as a string array, content that this cmdlet clears. The value of this parameter qualifies the Path parameter. Enter a path element or pattern, such as `*.txt`. Wildcards are permitted.

`-LiteralPath <System.String[]>`

Specifies the paths to the items from which content is deleted. Unlike the Path parameter, 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 having PowerShell not to interpret any characters as escape sequences.

`-Path <System.String[]>`

Specifies the paths to the items from which content is deleted. Wildcards are permitted. The paths must be paths to items, not to containers. For example, you must specify a path to one or more files, not a path to a directory. Wildcards are permitted. This parameter is required, but the parameter name (Path) is optional.

`-Stream <System.String>`

This is a dynamic parameter made available by the FileSystem provider.

Specifies an alternative data stream for content. If the stream does not exist, this cmdlet creates it. Wildcard characters are not supported.

You can use the ``Clear-Content`` cmdlet to change the content of any alternate data stream, such as ``Zone.Identifier``. However, we do not recommend this as a way to eliminate security checks that block files that are downloaded from the internet. If you verify that a downloaded file is safe, use the ``Unblock-File`` cmdlet.

This parameter was introduced in Windows PowerShell 3.0.

For more information, see `about_FileSystem_Provider` (`../Microsoft.PowerShell.Core/About/about_FileSystem_Provider.md`).

`-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: Delete all content from a directory -----

```
Clear-Content "..\SmpUsers\*\init.txt"
```

This command deletes all of the content from the `init.txt` files in all subdirectories of the `SmpUsers` directory. The files are not deleted, but they are empty.

---- Example 2: Delete content of all files with a wildcard ----

```
Clear-Content -Path "*" -Filter "*.log" -Force
```

This command deletes the contents of all files in the current directory with the `.log` file name extension, including files with the read-only attribute. The asterisk (*) in the path represents all items in the current directory. The Force parameter makes the command effective on read-only files. Using a filter to restrict the command to files with the `.log` file name extension instead of specifying `*.log` in the path makes the operation faster.

----- Example 3: Clear all data from a stream -----

```
Get-Content C:\Test\Copy-Script.ps1 -Stream Zone.Identifier
```

```
[ZoneTransfer]
```

```
ZoneId=3
```

```
Clear-Content C:\Test\Copy-Script.ps1 -Stream Zone.Identifier
```

```
Get-Content C:\Test\Copy-Script.ps1 -Stream Zone.Identifier
```

REMARKS

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

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

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

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