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PowerShell

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PowerShell Get-Help on command 'Set-Location'

PS C:\Users\wahid> Get-Help Set-Location

NAME

Set-Location

SYNOPSIS

Sets the current working location to a specified location.

SYNTAX

Set-Location -LiteralPath <System.String> [-PassThru] [-UseTransaction]
[<CommonParameters>]

Set-Location [[-Path] <System.String>] [-PassThru] [-UseTransaction]
[<CommonParameters>]

Set-Location [-PassThru] [-StackName <System.String>] [-UseTransaction]
[<CommonParameters>]

DESCRIPTION

The `Set-Location` cmdlet sets the working location to a specified location.

That location could be a directory, a subdirectory, a registry location, or

any provider path.

You can also use the `StackName` parameter to make a named location stack the current location stack. For more information about location stacks, see the [Notes](#).

PARAMETERS

`-LiteralPath <System.String>`

Specifies a path of the location. The value of the `LiteralPath` parameter is used exactly as it is typed. No characters are interpreted as wildcard characters. 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.

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

Returns a `PathInfo` object that represents the location. By default, this cmdlet does not generate any output.

`-Path <System.String>`

Specify the path of a new working location. If no path is provided, `Set-Location` defaults to the current user's home directory. When wildcards are used, the cmdlet chooses the container (directory, registry key, certificate store) that matches the wildcard pattern. If the wildcard pattern matches more than one container, the cmdlet returns an error.

`-StackName <System.String>`

Specifies an existing location stack name that this cmdlet makes the current location stack. Enter a location stack name. To indicate the unnamed default location stack, type `$null` or an empty string (`''`).

Using this parameter does not change the current location. It only changes the stack used by the `-Location` cmdlets. The `-Location` cmdlets act

on the current stack unless you use the StackName parameter to specify a different stack. For more information about location stacks, see the Notes (#notes).

-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).

<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: Set the current location -----

```
PS C:\> Set-Location -Path "HKLM:\"
```

```
PS HKLM:\>
```

This command sets the current location to the root of the `HKLM:` drive.

Example 2: Set the current location and display that location

```
PS C:\> Set-Location -Path "Env:\" -PassThru
```

```
Path
```

```
----
```

```
Env:\
```

```
PS Env:\>
```

This command sets the current location to the root of the `Env:` drive. It

uses the PassThru parameter to direct PowerShell to return a PathInfo object that represents the `Env:` location.

Example 3: Set location to the current location in the C: drive

```
PS C:\Windows\> Set-Location HKLM:\
```

```
PS HKLM:\> Set-Location C:
```

```
PS C:\Windows\>
```

The first command sets the location to the root of the `HKLM:` drive in the Registry provider. The second command sets the location to the current location of the `C:` drive in the FileSystem provider. When the drive name is specified in the form `:` (without backslash), the cmdlet sets the location to the current location in the PSDrive. To get the current location in the PSDrive use `Get-Location -PSDrive <DriveName>` command.

----- Example 4: Set the current location to a named stack -----

```
PS C:\> Push-Location -Path 'C:\Program Files\PowerShell\' -StackName "Paths"
```

```
PS C:\Program Files\PowerShell\> Set-Location -StackName "Paths"
```

```
PS C:\Program Files\PowerShell\> Get-Location -Stack
```

```
Path
```

```
----
```

```
C:\
```

The first command adds the current location to the Paths stack. The second command makes the Paths location stack the current location stack. The third command displays the locations in the current location stack.

The `*-Location` cmdlets use the current location stack unless a different location stack is specified in the command. For information about location stacks, see the Notes (#notes).

REMARKS

To see the examples, type: "get-help Set-Location -examples".

For more information, type: "get-help Set-Location -detailed".

For technical information, type: "get-help Set-Location -full".

For online help, type: "get-help Set-Location -online"