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PowerShell

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PowerShell Get-Help on command 'Push-Location'

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

NAME

Push-Location

SYNOPSIS

Adds the current location to the top of a location stack.

SYNTAX

```
Push-Location [-LiteralPath <System.String>] [-PassThru] [-StackName  
<System.String>] [-UseTransaction] [<CommonParameters>]
```

```
Push-Location [[-Path] <System.String>] [-PassThru] [-StackName  
<System.String>] [-UseTransaction] [<CommonParameters>]
```

DESCRIPTION

The `Push-Location` cmdlet adds ("pushes") the current location onto a location stack. If you specify a path, `Push-Location` pushes the current location onto a location stack and then changes the current location to the location specified by the path. You can use the `Pop-Location` cmdlet to get locations from the location stack.

By default, the ``Push-Location`` cmdlet pushes the current location onto the current location stack, but you can use the `StackName` parameter to specify an alternate location stack. If the stack does not exist, ``Push-Location`` creates it.

For more information about location stacks, see the Notes (#notes).

PARAMETERS

`-LiteralPath <System.String>`

Specifies the path to the new location. Unlike the `Path` parameter, the value of the `LiteralPath` parameter 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.

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

Passes an object representing the location to the pipeline. By default, this cmdlet does not generate any output.

`-Path <System.String>`

Changes your location to the location specified by this path after it adds (pushes) the current location onto the top of the stack. Enter a path to any location whose provider supports this cmdlet. Wildcards are permitted. The parameter name is optional.

`-StackName <System.String>`

Specifies the location stack to which the current location is added. Enter a location stack name. If the stack does not exist, ``Push-Location`` creates it.

Without this parameter, ``Push-Location`` adds the location to the current

location stack. By default, the current location stack is the unnamed default location stack that PowerShell creates. To make a location stack the current location stack, use the StackName parameter of the `Set-Location` cmdlet. For more information about location stacks, see the Notes (#notes).

> [!NOTE] > `Push-Location` cannot add a location to the unnamed default stack unless it is the current > location stack.

-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 -----

```
PS C:\> Push-Location C:\Windows
```

----- Example 2 -----

```
PS C:\> Push-Location HKLM:\Software\Policies -StackName RegFunction
```

You can use the Location cmdlets in any PowerShell drive (PSDrive).

----- Example 3 -----

```
PS C:\> Push-Location
```

----- Example 4 - Create and use a named stack -----

```
PS C:\> Push-Location ~ -StackName Stack2
```

```
PS C:\Users\User01> Pop-Location -StackName Stack2
```

```
PS C:\>
```

The first command pushes the current location onto a new stack named Stack2, and then changes the current location to the home directory, represented in the command by the tilde symbol (~), which when used on a FileSystem provider drives is equivalent to ``$HOME``.

If Stack2 does not already exist in the session, ``Push-Location`` creates it.

The second command uses the ``Pop-Location`` cmdlet to pop the original location (``C:``) from the Stack2 stack. Without the StackName parameter, ``Pop-Location`` would pop the location from the unnamed default stack.

For more information about location stacks, see the Notes (#notes).

REMARKS

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

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

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

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