Windows PowerShell Get-Help on Cmdlet 'Get-ItemPropertyValue'

PS:\>Get-HELP Get-ItemPropertyValue -Full

NAME

   Get-ItemPropertyValue

SYNOPSIS

   Gets the value for one or more properties of a specified item.

SYNTAX

     Get-ItemPropertyValue [-Name] <System.String[]> [-Credential <System.Management.Automation.PSCredential>]
[-Exclude <System.String[]>] [-Filter <System.String>]

   [-Include <System.String[]>] -LiteralPath <System.String[]> [-UseTransaction] [<CommonParameters>]

       Get-ItemPropertyValue   [[-Path]   <System.String[]>]   [-Name]   <System.String[]>   [-Credential
<System.Management.Automation.PSCredential>] [-Exclude <System.String[]>]

   [-Filter <System.String>] [-Include <System.String[]>] [-UseTransaction] [<CommonParameters>]

DESCRIPTION

   The `Get-ItemPropertyValue` gets the current value for a property that you specify when you use the Name parameter,
located in a path that you specify with either the

Path or LiteralPath parameters.

PARAMETERS

  -Credential <System.Management.Automation.PSCredential>

    Specifies a user account that has permission to perform this action. The default is the current user.

    Type a user name, such as "User01" or "Domain01\User01", or enter a PSCredential object, such as one generated by

the `Get-Credential` cmdlet. If you type a user

    name, you are prompted for a password.

    > [!WARNING] > This parameter is not supported by any providers installed with Windows PowerShell.

    Required?   false
    Position?   named
    Default value   None
    Accept pipeline input?   True (ByPropertyName)
    Accept wildcard characters? false

  -Exclude <System.String[]>

     Specifies, as a string array, an item or items that this cmdlet excludes from the operation. The value of this parameter

qualifies the Path parameter. Enter a

    path element or pattern, such as "*.txt". Wildcard characters are permitted.

    Required?   false
    Position?   named
    Default value   None
    Accept pipeline input?   False
    Accept wildcard characters? true

  -Filter <System.String>

    Specifies a filter in the format or language of the provider. The value of this parameter qualifies the Path parameter.

The syntax of the filter, including the use of wildcard characters, depends on the provider. 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.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? true

-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.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? true

-LiteralPath <System.String[]>

 Specifies the path to the current location of the property. 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 PowerShell not to interpret

 any characters as escape sequences.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-Name <System.String[]>

Specifies the name of the property or properties to retrieve.

Required?   true

Position?   1

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-Path <System.String[]>

Specifies the path to the item or items.

Required?   false

Position?   0

Default value   None

Accept pipeline input?   True (ByPropertyName, ByValue)

Accept wildcard characters? false

-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).

Required?   false

Position?   named

Default value   False

Accept pipeline input?   False

Accept wildcard characters? false

<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).

INPUTS

System.String

You can pipe a string that contains a path to this cmdlet.

OUTPUTS

System.Management.Automation.PSObject

This cmdlet returns an object for each item property value that it gets. The object type depends on the property value

that is retrieved.

NOTES

Windows PowerShell includes the following aliases for `Get-ItemPropertyValue`:

- `gpv`

This cmdlet is designed to work with the data exposed by any provider. To list the providers available in your session,

run the `Get-PSProvider` cmdlet. For more

information, see about_Providers (../Microsoft.PowerShell.Core/About/about_Providers.md).

------ Example 1: Get the value of the ProductID property ------

Get-ItemPropertyValue 'HKLM:\SOFTWARE\Microsoft\Windows NT\CurrentVersion' -Name ProductID

94253-50000-11141-AA785

---- Example 2: Get the last write time of a file or folder ----

Get-ItemPropertyValue -Path 'C:\Program Files\WindowsPowerShell' -Name LastWriteTime

Wednesday, September 3, 2014 2:53:22 PM

- Example 3: Get multiple property values of a file or folder -

Get-ItemPropertyValue -Path 'C:\Program Files\WindowsPowerShell' -Name LastWriteTime,CreationTime,Root

Tuesday, March 23, 2021 6:53:13 AM

Monday, August 14, 2017 1:42:40 PM

```
Name             : C:\
FullName         : C:\
Parent           :
Exists           : True
Root             : C:\
Extension        :
CreationTime     : 10/30/2015 1:28:30 AM
CreationTimeUtc  : 10/30/2015 6:28:30 AM
LastAccessTime   : 5/26/2021 9:24:31 AM
LastAccessTimeUtc : 5/26/2021 2:24:31 PM
LastWriteTime    : 5/25/2021 7:25:08 AM
LastWriteTimeUtc : 5/25/2021 12:25:08 PM
Attributes       : Hidden, System, Directory
Mode             : d--hs-
BaseName         : C:\
Target           : {}
LinkType         :
```

RELATED LINKS

Get-ItemProperty

Clear-ItemProperty

Copy-ItemProperty

Get-PSProvider

Move-ItemProperty

New-ItemProperty

Remove-ItemProperty

Rename-ItemProperty

Set-ItemProperty

about_Providers