Windows PowerShell Get-Help on Cmdlet 'Out-Printer'

PS:\>Get-HELP Out-Printer -Full

NAME

  Out-Printer

SYNOPSIS

  Sends output to a printer.

SYNTAX

        Out-Printer   [[-Name]   <System.String>]   [-InputObject   <System.Management.Automation.PSObject>]

[<CommonParameters>]

DESCRIPTION

  The `Out-Printer` cmdlet sends output to the default printer or to an alternate printer, if one is specified. Since the cmdlet

doesn't have any way to configure the

  print job, the resulting print job uses the default settings defined for the printer.

   > [!NOTE] > This cmdlet was reintroduced in PowerShell 7. This cmdlet is only available on Windows systems > that

support the Windows Desktop.

PARAMETERS

  -InputObject <System.Management.Automation.PSObject>

      Specifies the objects to be sent to the printer. Enter a variable that contains the objects, or type a command or expression that gets the objects.

    Required?   false

    Position?   named

    Default value   None

    Accept pipeline input?   True (ByValue)

    Accept wildcard characters? false

  -Name <System.String>

    Sends the output to the specified printer. The parameter name Name is optional.

    Required?   false

    Position?   0

    Default value   None

    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
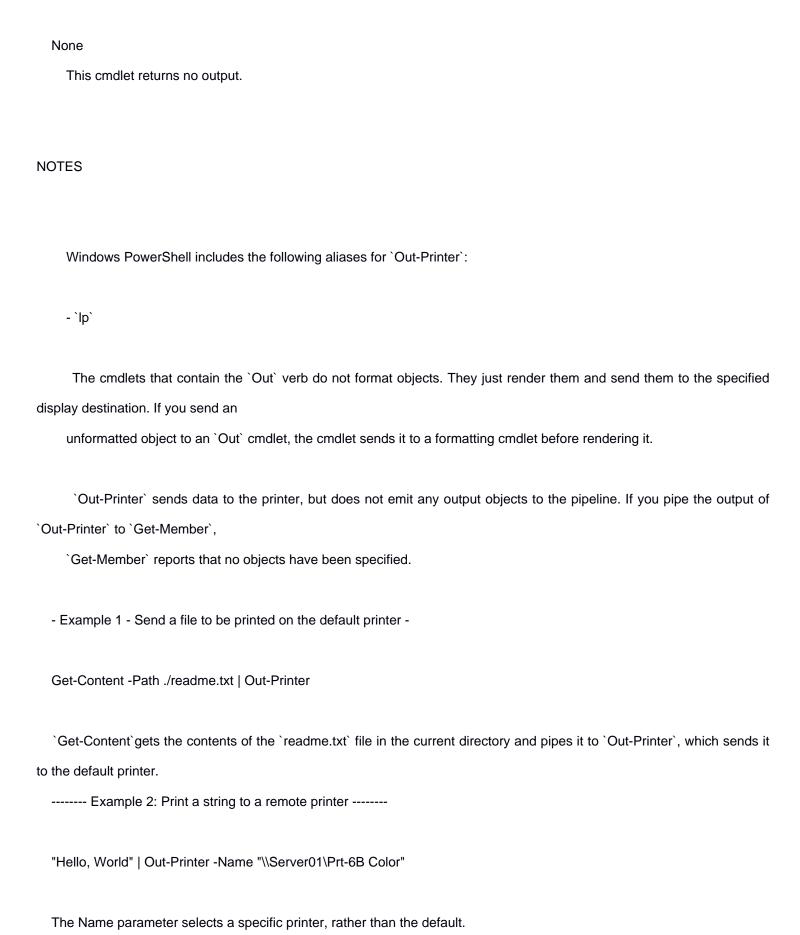
    about_CommonParameters (https:/go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

  System.Management.Automation.PSObject

    You can pipe any object to this cmdlet.

OUTPUTS

None

This cmdlet returns no output.

NOTES

Windows PowerShell includes the following aliases for `Out-Printer`:

- `lp`

The cmdlets that contain the `Out` verb do not format objects. They just render them and send them to the specified display destination. If you send an
unformatted object to an `Out` cmdlet, the cmdlet sends it to a formatting cmdlet before rendering it.

`Out-Printer` sends data to the printer, but does not emit any output objects to the pipeline. If you pipe the output of `Out-Printer` to `Get-Member`,
`Get-Member` reports that no objects have been specified.

- Example 1 - Send a file to be printed on the default printer -

Get-Content -Path ./readme.txt | Out-Printer

`Get-Content`gets the contents of the `readme.txt` file in the current directory and pipes it to `Out-Printer`, which sends it to the default printer.

-------- Example 2: Print a string to a remote printer --------

"Hello, World" | Out-Printer -Name "\\Server01\Prt-6B Color"

The Name parameter selects a specific printer, rather than the default.

---- Example 3 - Print a help topic to the default printer ----

$H = Get-Help -Full Get-CimInstance

Out-Printer -InputObject $H

`Get-Help` gets the full version of the Help topic for `Get-CimInstance` and stores it in the `$H` variable. The InputObject parameter passes the value of `$H` to

`Out-Printer`.

RELATED LINKS

Online   Version:

https://learn.microsoft.com/powershell/module/microsoft.powershell.utility/out-printer?view=powershell-5.1&WT.mc_id=ps-g

ethelp

Out-File

Out-String