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### ***Windows PowerShell Get-Help on Cmdlet 'Out-Default'***

**PS:\>Get-HELP Out-Default -Full**

#### **NAME**

Out-Default

#### **SYNOPSIS**

Sends the output to the default formatter and to the default output cmdlet.

#### **SYNTAX**

Out-Default [-InputObject <System.Management.Automation.PSObject>] [-Transcript] [<CommonParameters>]

#### **DESCRIPTION**

PowerShell automatically adds `Out-Default` to the end of every pipeline. `Out-Default` decides how to format and output the object stream. If the object stream is a

stream of strings, `Out-Default` pipes these directly to `Out-Host` which calls the appropriate APIs provided by the host. If the object stream does not contain

strings, `Out-Default` inspects the object to determine what to do. First it looks at the object type and determines whether there is a registered view for this object type.

PowerShell defines an XML schema and a mechanism (the `Update-FormatData` cmdlet) where anyone can register views for an object type. You can specify wide , list ,

table , or custom views for any object type. The views specify which properties to display and how they should be displayed. If a view is registered, it defines which

formatter to use. So if the registered view is a table view, `Out-Default` streams the objects to `Format-Table | Out-Host` . `Format-Table` transforms the objects

into a stream of Formatting records (driven by the data in the view definition) and `Out-Host` transforms the formatting records into calls on the Host interface.

This cmdlet isn't intended to be used by the end user. Other cmdlets are recommended for controlling output like Out-Host (Out-Host.md) or using `Format-\*` cmdlets

and the [Format.ps1xml](About/about\_format.ps1xml.md)file to control formatting.

## PARAMETERS

-InputObject <System.Management.Automation.PSObject>

Accepts input to the cmdlet.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Transcript <System.Management.Automation.SwitchParameter>

Determines whether the output should be sent to PowerShell's transcription services.

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

## OUTPUTS

## NOTES

### ----- Example 1 -----

```
Get-Process | Select-Object -First 5 | Out-Default
```

NPM(K)	PM(M)	WS(M)	CPU(s)	Id	SI	ProcessName
12	2.56	5.20	0.00	7376	0	aesm_service
48	34.32	18.10	26.64	9320	13	AlertusDesktopAlert
24	13.97	12.74	0.77	12656	13	ApplicationFrameHost
8	1.79	4.41	0.00	8180	0	AppVShNotify
9	1.99	5.07	0.19	19320	13	AppVShNotify

No error is thrown when using `Out-Default` but the output isn't changed if it's not explicitly called.

## RELATED LINKS

<a href="https://learn.microsoft.com/powershell/module/microsoft.powershell.core/out-default?view=powershell-5.1&amp;WT.mc_id=ps-gethelp">https://learn.microsoft.com/powershell/module/microsoft.powershell.core/out-default?view=powershell-5.1&amp;WT.mc_id=ps-gethelp</a>	Online	Version:
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Format-Custom

Format-List

Format-Table

Format-Wide

about\_Format.ps1xml

How PowerShell Formatting and Outputting REALLY works

<https://devblogs.microsoft.com/powershell/how-powershell-formatting-and-outputting-really-works/>