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Windows PowerShell Get-Help on Cmdlet 'Write-Verbose'

PS:\>Get-HELP Write-Verbose -Full

NAME

Write-Verbose

SYNOPSIS

Writes text to the verbose message stream.

SYNTAX

Write-Verbose [-Message] <System.String> [<CommonParameters>]

DESCRIPTION

The `Write-Verbose` cmdlet writes text to the verbose message stream in PowerShell. Typically, the verbose message stream is used to deliver more in depth information about command processing.

By default, the verbose message stream is not displayed, but you can display it by changing the value of the `\$VerbosePreference` variable or using the Verbose common parameter in any command.

PARAMETERS

-Message <System.String>

Specifies the message to display. This parameter is required. You can also pipe a message string to `Write-Verbose`.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByValue)

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 the message to this cmdlet.

OUTPUTS

None

This cmdlet returns no output. It only writes to the verbose message stream.

NOTES

- Verbose messages are returned only when the command uses the Verbose common parameter. For more information, see about_CommonParameters

(<https://go.microsoft.com/fwlink/?LinkId=113216>). - In Windows PowerShell background jobs and remote commands,

the `'\$VerbosePreference` variable in the job

session and remote session determine whether the verbose message is displayed by default. For more information about the `'\$VerbosePreference` variable, see

[about_Preference_Variables](#) (../Microsoft.PowerShell.Core/About/about_Preference_Variables.md).

----- Example 1: Write a status message -----

Write-Verbose -Message "Searching the Application Event Log."

Write-Verbose -Message "Searching the Application Event Log." -Verbose

These commands use the `Write-Verbose` cmdlet to display a status message. By default, the message is not displayed.

The second command uses the Verbose common parameter, which displays any verbose messages, regardless of the value of the `'\$VerbosePreference` variable.

- Example 2: Set \$VerbosePreference and write a status message -

```
$VerbosePreference = "Continue"
```

```
Write-Verbose "Copying file $filename"
```

These commands use the `Write-Verbose` cmdlet to display a status message. By default, the message is not displayed.

The first command assigns a value of Continue to the `'\$VerbosePreference` preference variable. The default value, `SilentlyContinue`, suppresses verbose messages. The second command writes a verbose message.

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/microsoft.powershell.utility/write-verbose?view=powershell-5.1&WT.mc_id=ps-gethelp

[about_Output_Streams](#)

[about_Redirection](#)

[Write-Debug](#)

[Write-Error](#)

Write-Host

Write-Information

Write-Output

Write-Progress

Write-Warning