



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

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

NAME

Get-TraceSource

SYNOPSIS

Gets PowerShell components that are instrumented for tracing.

SYNTAX

Get-TraceSource [[-Name] <System.String[]>] [<CommonParameters>]

DESCRIPTION

The `Get-TraceSource` cmdlet gets the trace sources for PowerShell components that are currently in use. You can use the data to determine which PowerShell components

you can trace. When tracing, the component generates detailed messages about each step in its internal processing. Developers use the trace data to monitor data flow, program execution, and errors.

The tracing cmdlets were designed for PowerShell developers, but they are available to all users.

PARAMETERS

-Name <System.String[]>

Specifies the trace sources to get. Wildcards are permitted. The parameter name Name is optional.

Required? false

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName, ByValue)

Accept wildcard characters? true

<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 name of a trace source to this cmdlet.

OUTPUTS

System.Management.Automation.PSTraceSource

This cmdlet returns objects representing the trace sources.

NOTES

----- Example 1: Get trace sources by name -----

Get-TraceSource -Name "*provider*"

This command gets all of the trace sources that have names that include provider.

----- Example 2: Get all trace sources -----

Get-TraceSource

This command gets all of the PowerShell components that can be traced.

RELATED LINKS

Online

Version:

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

Set-TraceSource

Trace-Command