



Windows PowerShell Get-Help on Cmdlet 'Remove-PSBreakpoint'

PS:\>Get-HELP Remove-PSBreakpoint -Full

NAME

Remove-PSBreakpoint

SYNOPSIS

Deletes breakpoints from the current console.

SYNTAX

Remove-PSBreakpoint [-Breakpoint] <System.Management.Automation.Breakpoint[]> [-Confirm] [-WhatIf]

[<CommonParameters>]

Remove-PSBreakpoint [-Id] <System.Int32[]> [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The `Remove-PSBreakpoint` cmdlet deletes a breakpoint. Enter a breakpoint object or a breakpoint ID.

When you remove a breakpoint, the breakpoint object is no longer available or functional. If you have saved a breakpoint object in a variable, the reference still

exists, but the breakpoint does not function.

``Remove-PSBreakpoint`` is one of several cmdlets designed for debugging PowerShell scripts. For more information about the PowerShell debugger, see `about_Debuggers` (`../microsoft.powershell.core/about/about_debuggers.md`).

PARAMETERS

`-Breakpoint <System.Management.Automation.Breakpoint[]>`

Specifies the breakpoints to delete. Enter a variable that contains breakpoint objects or a command that gets breakpoint objects, such as a ``Get-PSBreakpoint`` command. You can also pipe breakpoint objects to ``Remove-PSBreakpoint``.

Required?	true
Position?	0
Default value	None
Accept pipeline input?	True (ByValue)
Accept wildcard characters?	false

`-Id <System.Int32[]>`

Specifies breakpoint IDs for which this cmdlet deletes breakpoints.

Required?	true
Position?	0
Default value	None
Accept pipeline input?	True (ByPropertyName)
Accept wildcard characters?	false

`-Confirm <System.Management.Automation.SwitchParameter>`

Prompts you for confirmation before running the cmdlet.

Required?	false
Position?	named
Default value	False

Accept pipeline input? False
Accept wildcard characters? false

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

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.Management.Automation.Breakpoint[]
You can pipe breakpoint objects to this cmdlet.

System.Int32[]

System.Management.Automation.Runspaces.Runspace

OUTPUTS

None
This cmdlet returns no output.

NOTES

Windows PowerShell includes the following aliases for ``Remove-PSBreakpoint``:

- ``rbp``

----- Example 1: Remove all breakpoints -----

`Get-PSBreakpoint | Remove-PSBreakpoint`

----- Example 2: Remove a specified breakpoint -----

`$B = Set-PSBreakpoint -Script "sample.ps1" -Variable "Name"`

`$B | Remove-PSBreakpoint`

The ``Set-PSBreakpoint`` cmdlet creates a breakpoint on the ``$Name`` variable in the ``Sample.ps1`` script and saves the breakpoint object in the ``$B`` variable. The

``Remove-PSBreakpoint`` cmdlet deletes the new breakpoint. It uses a pipeline operator (``|``) to send the breakpoint object in the ``$B`` variable to the

``Remove-PSBreakpoint`` cmdlet.

As a result of this command, if you run the script, it runs to completion without stopping. Also, the ``Get-PSBreakpoint`` cmdlet does not return this breakpoint.

----- Example 3: Remove a breakpoint by ID -----

`Remove-PSBreakpoint -Id 2`

----- Example 4: Use a function to remove all breakpoints -----

```
function del-psb { Get-PSBreakpoint | Remove-PSBreakpoint }
```

It uses the ``Get-PSBreakpoint`` cmdlet to get the breakpoints. Then, it uses a pipeline operator (``|``) to send the breakpoints to the ``Remove-PSBreakpoint`` cmdlet, which deletes them.

RELATED LINKS

Online

Version:

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

Disable-PSBreakpoint

Enable-PSBreakpoint

Get-PSBreakpoint

Get-PSCallStack

Set-PSBreakpoint