



python



PowerShell

FPDF Library
PDF generator

Full credit is given to the above companies including the OS that this PDF file was generated!

PowerShell Get-Help on command 'Remove-TypeData'

PS C:\Users\wahid> Get-Help Remove-TypeData

NAME

Remove-TypeData

SYNOPSIS

Deletes extended types from the current session.

SYNTAX

Remove-TypeData -Path <System.String[]> [-Confirm] [-WhatIf]

[<CommonParameters>]

Remove-TypeData -TypeData <System.Management.Automation.Runspace.TypeData>

[-Confirm] [-WhatIf] [<CommonParameters>]

Remove-TypeData [-TypeName] <System.String> [-Confirm] [-WhatIf]

[<CommonParameters>]

DESCRIPTION

The `Remove-TypeData` cmdlet deletes extended type data from the current session. This cmdlet affects only the current session and sessions that are

created in the current session.

You can add properties and methods to objects in PowerShell by defining them in ``Update-TypeData`` commands and ``Types.ps1xml`` files. ``Remove-TypeData`` deletes those extended properties and methods from the current session.

``Remove-TypeData`` does not delete the ``Types.ps1xml`` files or delete any extended type definitions from the ``Types.ps1xml`` files. For more information about ``Types.ps1xml`` files, see `about_Types.ps1xml` (`../Microsoft.PowerShell.Core/about/about_Types.ps1xml.md`).

This cmdlet was introduced in Windows PowerShell 3.0.

PARAMETERS

`-Path <System.String[]>`

Specifies an array of files that this cmdlet deletes from the session extended type data. This parameter is required.

Enter the paths and file names of one or more ``Types.ps1xml`` files.

Wildcards are not supported. If you omit the path, the default location is the current directory.

`-TypeData <System.Management.Automation.Runspaces.TypeData>`

Specifies the type data that this cmdlet deletes from the session. This parameter is required. Enter a variable that contains TypeData objects (`System.Management.Automation.Runspaces.TypeData`) or a command that gets TypeData objects, such as a ``Get-TypeData`` command. You can also pipe TypeData objects to ``Remove-TypeData``.

`-TypeName <System.String>`

Specifies the types that this cmdlet deletes all extended type data for.

For types in the System namespace, enter the short name. Otherwise, the full type name is required. Wildcards are not supported.

You can pipe type names to `Remove-TypeData`. When you pipe an object to `Remove-TypeData`, `Remove-TypeData` gets the type name of the object and removes all type data for the object type.

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

Prompts you for confirmation before running the cmdlet.

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

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

`<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>).

----- Example 1: Remove type data for a specified type -----

```
Remove-TypeData -TypeName System.Array
```

---- Example 2: Remove an extended data type from a session ----

```
Get-TypeData System.DateTime
```

```
(Get-Date).DateTime
```

```
Get-TypeData System.DateTime | Remove-TypeData
```

```
(Get-Date).DateTime
```

```
TypeName      Members
```

```
-----
```

```
System.DateTime {[DateTime,
```

```
System.Management.Automation.Runspace.ScriptPropertyData]}
```

Friday, January 20, 2012 9:01:00 PM

The next ``Get-TypeData`` cmdlet to get all extended type data for the `System.DateTime` type and pipes that to the ``Remove-TypeData`` cmdlet to delete the extended type data. The last ``Get-Date`` cmdlet shows the effect of deleting the extended type data for the `System.DateTime` type. Because the `System.DateTime` property no longer exists, a command to get its value returns nothing.

----- Example 3: Remove extended types for modules -----

Get-Module | Remove-TypeData

--- Example 4: Remove extended types from specified modules ---

```
Remove-TypeData -Path "$PSHOME\Modules\PSScheduledJob",  
"$PSHOME\Modules\PSWorkflow\PSWorkflow.types.ps1xml"
```

For more information about modules, see `about_Modules` (`../Microsoft.PowerShell.Core/About/about_Modules.md`).

---- Example 5: Remove extended types from a remote session ----

```
Invoke-Command -Session $S {Get-TypeData -TypeName *CIM* | Remove-TypeData}
```

REMARKS

To see the examples, type: `"get-help Remove-TypeData -examples"`.

For more information, type: `"get-help Remove-TypeData -detailed"`.

For technical information, type: `"get-help Remove-TypeData -full"`.

For online help, type: `"get-help Remove-TypeData -online"`