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PowerShell

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PowerShell Get-Help on command 'Remove-OdbcDsn'

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

NAME

Remove-OdbcDsn

SYNOPSIS

Removes ODBC DSNs.

SYNTAX

```
Remove-OdbcDsn [-Name] <String> [-AsJob] [-CimSession <CimSession[]>]
[-Confirm] [-DriverName <String>] -DsnType {User | System | All} [-PassThru]
[-Platform {32-bit | 64-bit | All}] [-ThrottleLimit <Int32>] [-WhatIf]
[<CommonParameters>]
```

```
Remove-OdbcDsn [-InputObject] <CimInstance[]> [-AsJob] [-CimSession
<CimSession[]>] [-Confirm] [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf]
[<CommonParameters>]
```

DESCRIPTION

The Remove-OdbcDsn cmdlet removes Open Database Connectivity (ODBC) data source names (DSNs) from the computer.

For more information about ODBC, data source names, and drivers, see Microsoft Open Database Connectivity (ODBC) (<https://msdn.microsoft.com/en-us/library/ms710252.aspx>), [Data Sources](<https://msdn.microsoft.com/en-us/library/ms711688.aspx>), and [Drivers](<https://msdn.microsoft.com/en-us/library/ms715383.aspx>) on the Microsoft Developer Network.

PARAMETERS

-AsJob [<SwitchParameter>]

Runs the cmdlet as a background job. Use this parameter to run commands that take a long time to complete.

-CimSession <CimSession[]>

Runs the cmdlet in a remote session or on a remote computer. Enter a computer name or a session object, such as the output of a `New-CimSession` (<https://go.microsoft.com/fwlink/p/?LinkId=227967>) or `[Get-CimSession]` (<https://go.microsoft.com/fwlink/p/?LinkId=227966>) cmdlet.

The default is the current session on the local computer.

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

-DriverName <String>

Specifies the name of a driver. This cmdlet removes the ODBC DSN that uses the driver that this parameter specifies. You can use wildcard characters.

If you do not specify this parameter, this cmdlet removes DSNs for all drivers.

-DsnType <String>

Specifies the type of an ODBC DSN. This cmdlet removes DSNs of the type that this parameter specifies. The acceptable values for this parameter

are:

- User

- System

- All

-InputObject <CimInstance[]>

Specifies the input object that is used in a pipeline command.

-Name <String>

Specifies the name of an ODBC DSNs. You can use wildcard characters to specify more than one name. This cmdlet removes the DSNs that the names specify.

-PassThru [<SwitchParameter>]

Returns an object representing the item with which you are working. By default, this cmdlet does not generate any output.

-Platform <String>

Specifies the platform architecture. This cmdlet removes the ODBC DSNs that belong to the architecture that this parameter specifies. The acceptable values for this parameter are:

- 32-bit

- 64-bit

- All

The default value is 32-bit on a 32-bit process. The default value is

64-bit on a 64-bit process. If you run this cmdlet in a remote CIM session, this parameter refers to the platform architecture on the remote computer.

-ThrottleLimit <Int32>

Specifies the maximum number of concurrent operations that can be established to run the cmdlet. If this parameter is omitted or a value of `0` is entered, then Windows PowerShell calculates an optimum throttle limit for the cmdlet based on the number of CIM cmdlets that are running on the computer. The throttle limit applies only to the current cmdlet, not to the session or to the computer.

-WhatIf [<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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

Example 1: Remove 32-bit User DSNs that have names that contain a string

```
PS C:\> Remove-OdbcDsn -Name "*Payroll*" -DsnType "User" -Platform "32-bit"
```

This command removes the 32-bit ODBC User DSNs that have names that contain Payroll.

Example 2: Remove the System DSN named MyPayroll from the native platform

```
PS C:\> Remove-OdbcDsn -Name "MyPayroll" -DsnType "System"
```

This command removes the ODBC System DSN named MyPayroll from the native

platform.

Example 3: Remove all 32-bit ODBC System DSNs by using wildcard characters

```
PS C:\> Remove-OdbcDsn -Name "*Payroll*" -DsnType "System" -Platform "32-bit"  
-DriverName "SQL Server"
```

This command removes all 32-bit ODBC System DSNs that have names that contain the string Payroll , and use the driver that has a name that starts with SQL Server.

--- Example 4: Remove a 32-bit ODBC User DSN by using a name ---

```
PS C:\> $SysDsn = Remove-OdbcDsn -Name "MyPayroll" -DsnType "User" -Platform  
"32-bit" -PassThru
```

This command removes the 32-bit ODBC User DSNs named MyPayroll, and then stores the deleted DSN object in the \$SysDsn variable.

Example 5: Remove a System DSN on the native platform by using the pipeline operator

```
PS C:\> Get-OdbcDsn -Name "MyPayroll" -DsnType "System" | Remove-OdbcDsn
```

This command uses the Get-OdbcDsn to get the ODBC System DSN on the native platform named MyPayroll, and then passes it to the current cmdlet by using the pipeline operator. The example removes that DSN.

Example 6: Remove a ODBC System DSN on the native platform by using a variable

```
PS C:\> $DsnArray = Get-OdbcDsn -Name "MyPayroll" -DsnType "System"  
PS C:\> Remove-OdbcDsn -InputObject $DsnArray
```

The first command uses Get-OdbcDsn to get the ODBC System DSN on the native platform named MyPayroll, and then stores it in the \$DsnArray variable.

The second command removes the DSN stored in \$DsnArray.

REMARKS

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

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

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

For online help, type: "get-help Remove-OdbcDsn -online"