
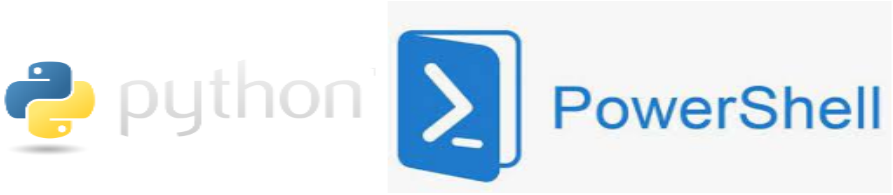



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## *PowerShell Get-Help on command 'Undo-Transaction'*

***PS C:\Users\wahid> Get-Help Undo-Transaction***

NAME

Undo-Transaction

SYNOPSIS

Rolls back the active transaction.

SYNTAX

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

DESCRIPTION

The `Undo-Transaction` cmdlet rolls back the active transaction. When you roll back a transaction, the changes that were made by the commands in the transaction are discarded and the data is restored to its original form.

If the transaction includes multiple subscribers, an `Undo-Transaction` command rolls back the whole transaction for all subscribers.

By default, transactions are rolled back automatically if any command in the transaction generates an error. However, transactions can be started by using

a different rollback preference and you can use this cmdlet to roll back the active transaction at any time.

The `Undo-Transaction` cmdlet is one of a set of cmdlets that support the transactions feature in Windows PowerShell. For more information, see about_Transactions (../Microsoft.PowerShell.Core/About/about_Transactions.md).

PARAMETERS

-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: Roll back the current transaction ---------

Undo-Transaction

This command rolls back the current, active, transaction.

--------- Example 2: Start and roll back a transaction ---------

```
Set-Location hkcu:\software
Start-Transaction
New-Item -Path "ContosoCompany" -UseTransaction
Undo-Transaction
```

This example starts a transaction and then rolls it back. As a result, no changes are made to the registry.

---- Example 3: Roll back a transaction for all subscribers ----

```
Set-Location hkcu:\software
Start-Transaction
New-Item -Path "ContosoCompany" -UseTransaction
Get-Transaction

RollbackPreference   SubscriberCount   Status
------------------   ---------------   -----
Error                1                 Active

Start-Transaction
Get-Transaction

RollbackPreference   SubscriberCount   Status
------------------   ---------------   -----
Error                2                 Active

Undo-Transaction
Get-Transaction

RollbackPreference   SubscriberCount   Status
------------------   ---------------   -----
Error                0                 RolledBack
```

This example demonstrates that when any subscriber rolls back a transaction, the whole transaction is rolled back for all subscribers.

The first command changes the location to the `HKCU:\Software` registry key.

The second command starts a transaction.

The third command uses the `New-Item` cmdlet to create a new registry key. The command uses the UseTransaction parameter to include the change in the transaction.

The fourth command uses the `Get-Transaction` cmdlet to get the active transaction. Notice that the status is Active and the subscriber count is 1.

The fifth command uses the `Start-Transaction` command again. Typically, starting a transaction while another transaction is in progress occurs when a script that is used by the main transaction includes its own complete transaction. This example is performed interactively so that you can examine it in stages. When you run a `Start-Transaction` command while another transaction is in progress, the commands join the existing transaction as a new subscriber and the subscriber count is incremented.

The sixth command uses the `Get-Transaction` cmdlet to get the active transaction. Notice that the subscriber count is now 2.

The seventh command uses `Undo-Transaction` to roll back the transaction. This command does not return any objects.

The final command is a `Get-Transaction` command that gets the active, or in this case, the most recently active, transaction. The results show that the transaction is rolled back, and that the subscriber count is 0, showing that the transaction was rolled back for all subscribers.

REMARKS

To see the examples, type: "get-help Undo-Transaction -examples".
For more information, type: "get-help Undo-Transaction -detailed".
For technical information, type: "get-help Undo-Transaction -full".
For online help, type: "get-help Undo-Transaction -online"