

[WiX managed SDK](#)[WixToolset.Dtf.WindowsInstaller namespace](#)[Transaction Class](#)

# Transaction Class

[MSI 4.5] Handle to a multi-session install transaction.

## Methods

Method	Description
<a href="#">Commit()</a>	Ends the install transaction and commits all changes to the system belonging to the transaction.
<a href="#">FromHandle(handle, ownsHandle)</a>	Creates a new Transaction object from an integer handle.
<a href="#">Join(attributes)</a>	Makes the current process the owner of the multi-package installation transaction.
<a href="#">Rollback()</a>	Ends the install transaction and undoes changes to the system belonging to the transaction.

## Properties

Property	Description
Name	Gets the name of the transaction.

## Events

Event	Description
OwnerChanged	Notifies listeners when the process that owns the transaction changed.

## Remarks

Win32 MSI APIs: [MsiBeginTransaction](#) [MsiJoinTransaction](#) [MsiEndTransaction](#)

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## Commit() Method

Ends the install transaction and commits all changes to the system belonging to the transaction.

## Declaration

```
public void Commit()
```

Runs any Commit Custom Actions and commits to the system any changes to Win32 or common language runtime assemblies. Deletes the rollback script, and after using this option, the transaction's changes can no longer be undone with a Rollback Installation. This method can only be called by the current owner of the transaction. Win32 MSI API: [MsiEndTransaction](#)

## Exceptions

Exception	Description
T:WixToolset.Dtf.WindowsInstaller.InstallerException	The transaction could not be committed.

## FromHandle(handle, ownsHandle) Method

Creates a new Transaction object from an integer handle.

## Declaration

```
public static Transaction FromHandle(  
    IntPtr handle,  
    bool ownsHandle  
)
```

## Parameters

Parameter	Type	Description
handle	IntPtr	Integer transaction handle
ownsHandle	bool	true to close the handle when this object is disposed

## Join(attributes) Method

Makes the current process the owner of the multi-package installation transaction.

### Declaration

```
public void Join(  
    TransactionAttributes attributes  
)
```

### Parameters

Parameter	Type	Description
attributes	TransactionAttributes	Select optional behavior when joining the transaction.

### Remarks

Win32 MSI API: [MsiJoinTransaction](#)

## Exceptions

Exception	Description
T:WixToolset.Dtf.WindowsInstaller.InvalidHandleException	The transaction handle is not valid.
T:WixToolset.Dtf.WindowsInstaller.InstallerException	The transaction could not be joined.

## Rollback() Method

Ends the install transaction and undoes changes to the system belonging to the transaction.

## Declaration

```
public void Rollback()
```

## Remarks

This method can only be called by the current owner of the transaction. Win32 MSI API: [MsiEndTransaction](#)

## Exceptions

Exception	Description
T:WixToolset.Dtf.WindowsInstaller.InstallerException	The transaction could not be rolled back.

## Name Property

Gets the name of the transaction.

### Declaration

```
public string Name { get; set; }
```

## OwnerChanged Event

Notifies listeners when the process that owns the transaction changed.

### Declaration

```
public System.EventHandler<System.EventArgs> OwnerChanged
```

### Value

```
System.EventHandler<System.EventArgs>
```