



WiX managed SDK

WixToolset.Dtf.WindowsInstaller namespace

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Classes

Class	Description
BadQuerySyntaxException	A bad SQL query string was passed to «see M:WixToolset.Dtf.WindowsInstaller.Database.OpenView(System.String,System.Object[])» or «see M:WixToolset.Dtf.WindowsInstaller.Database.Execute(System.String,System.Object[])» .
ColumnCollection	Collection of column information related to a «see T:WixToolset.Dtf.WindowsInstaller.TableInfo» or «see T:WixToolset.Dtf.WindowsInstaller.View» .
ColumnInfo	Defines a single column of a table in an installer database.
ComponentInfo	Provides access to information about a component within the context of an installation session.
ComponentInfoCollection	Accessor for information about components within the context of an installation session.

Class	Description
ComponentInstallation	Represents an instance of a registered component.
CustomActionAttribute	Marks a method as a custom action entry point.
CustomActionData	Contains a collection of key-value pairs suitable for passing between immediate and deferred/rollback/commit custom actions.
Database	Accesses a Windows Installer database.
FeatureInfo	Provides access to information about a feature within the context of an installation session.
FeatureInfoCollection	Accessor for information about features within the context of an installation session.
FeatureInstallation	Represents an instance of a feature of an installed product.
Installation	Subclasses of this abstract class represent a unique instance of a registered product or patch installation.
InstallationPart	Subclasses of this abstract class represent an instance of a registered feature or component.
InstallCanceledException	User Canceled the installation.
Installer	Provides static methods for installing and configuring products and patches.
InstallerException	Base class for Windows Installer exceptions.

Class	Description
InstallerHandle	Base class for Windows Installer handle types (Database, View, Record, SummaryInfo).
InvalidHandleException	A method was called on an invalid installer handle. The handle may have been already closed.
MergeException	A failure occurred when executing «see M:WixToolset.Dtf.WindowsInstaller.Database.Merge(WixToolset.Dtf.WindowsInstaller.Database,System . The exception may contain details about the merge conflict.
PatchInstallation	The Patch object represents a unique instance of a patch that has been registered or applied.
ProductInstallation	Represents a unique instance of a product that is either advertised, installed or unknown.
Record	The Record object is a container for holding and transferring a variable number of values. Fields with record are numerically indexed and can contain strings, integers, streams, and null values. Record field indexed starting with 1. Field 0 is a special format field.
Session	The Session object controls the installation process. It opens the install database, which contains the installation tables and data.
SourceList	A list of sources for an installed product or patch.
SourceMediaList	A list of source media for an installed product or patch.
SummaryInfo	Provides access to summary information of a Windows Installer database.

Class	Description
<code>TableCollection</code>	Contains information about all the tables in a Windows Installer database.
<code>TableInfo</code>	Defines a table in an installation database.
<code>Transaction</code>	[MSI 4.5] Handle to a multi-session install transaction.
<code>View</code>	<p>A View represents a result set obtained when processing a query using the «see <code>M:WixToolset.Dtf.WindowsInstaller.Database.OpenView(System.String,System.Object[])</code>» method of a <code>P:WixToolset.Dtf.WindowsInstaller.View.Database</code>». Before any data can be transferred, the query must be executed using the «see <code>M:WixToolset.Dtf.WindowsInstaller.View.Execute(WixToolset.Dtf.WindowsInstaller.Record)</code>» method, passing to it all replaceable parameters designated within the SQL query string.</p>

Structures

Structure	Description
<code>InstallCost</code>	Represents a per-drive disk space cost for an installation.
<code>MediaDisk</code>	Represents a media disk source of a product or a patch.
<code>ShortcutTarget</code>	Holds information about the target of a shortcut file.

Structure	Description
ValidationErrorInfo	Contains specific information about an error encountered by the «see M:WixToolset.Dtf.WindowsInstaller.View.Validate(WixToolset.Dtf.WindowsInstaller.Record)», «see M:WixToolset.Dtf.WindowsInstaller.View.ValidateNew(WixToolset.Dtf.WindowsInstaller.Record)», or «see M:WixToolset.Dtf.WindowsInstaller.View.ValidateFields(WixToolset.Dtf.WindowsInstaller.Record)» methods of the «see T:WixToolset.Dtf.WindowsInstaller.View» class.

Interfaces

Interface	Description
IEmbeddedUI	[MSI 4.5] Interface for an embedded external user interface for an installation.

Enumerations

Enumeration	
ActionResult	Specifies a return status value for custom actions.
ComponentAttributes	Available values for the Attributes column of the Component table.
ControlAttributes	Defines flags for the Attributes column of the Control table.

Enumeration	
<code>CustomActionTypes</code>	Defines flags for the Type column of the CustomAction table.
<code>DatabaseOpenMode</code>	Specifies the open mode for a «see <code>T:WixToolset.Dtf.WindowsInstaller.Database</code> » .
<code>DialogAttributes</code>	Defines flags for the Attributes column of the Dialog table.
<code>FeatureAttributes</code>	Available values for the Attributes column of the Feature table.
<code>FileAttributes</code>	Available values for the Attributes column of the File table.
<code>IniFileAction</code>	Defines values for the Action column of the IniFile and RemoveIniFile tables.
<code>InstallLogModes</code>	Log modes available for «see <code>M:WixToolset.Dtf.WindowsInstaller.Installer.EnableLog(WixToolset.Dtf.Winc</code> <code>M:WixToolset.Dtf.WindowsInstaller.Installer.SetExternalUI(WixToolset.Dtf.WindowsInstaller.ExternalUIHan</code>
<code>InstallMessage</code>	Type of message to be processed by «see <code>M:WixToolset.Dtf.WindowsInstaller.Session.Message(WixTools</code> <code>T:WixToolset.Dtf.WindowsInstaller.ExternalUIRecordHandler</code> » .
<code>InstallMode</code>	Specifies the install mode for «see <code>M:WixToolset.Dtf.WindowsInstaller.Installer.ProvideComponent(System</code> <code>M:WixToolset.Dtf.WindowsInstaller.Installer.ProvideQualifiedComponent(System.String,System.String,Wi</code>
<code>InstallRunMode</code>	Specifies the run mode for «see <code>M:WixToolset.Dtf.WindowsInstaller.Session.GetMode(WixToolset.Dtf.Wir</code>
<code>InstallState</code>	Installed state of a Component or Feature.

Enumeration	
<code>InstallType</code>	Specifies the type of installation for «see M:WixToolset.Dtf.WindowsInstaller.Installer.ApplyPatch(System.
<code>InstallUIOptions</code>	Level of the installation user interface, specified with «see M:WixToolset.Dtf.WindowsInstaller.Installer.Se
<code>LocatorTypes</code>	Defines values for the Type column of the CompLocator, IniLocator, and RegLocator tables.
<code>MessageBoxStyles</code>	
<code>MessageButtons</code>	Specifies constants defining which buttons to display for a message. This can be cast to the MessageBo
<code>MessageDefaultButton</code>	Specifies constants defining the default button on a message. This can be cast to the MessageBoxDefau
<code>MessageIcon</code>	Specifies constants defining which information to display. This can be cast to the MessageBoxIcon enum
<code>MessageResult</code>	Specifies a return status value for message handlers. These values are returned by «see M:WixToolset.Dt M:WixToolset.Dtf.WindowsInstaller.IEmbeddedUI.ProcessMessage(WixToolset.Dtf.WindowsInstaller.Install .
<code>PatchStates</code>	Specifies the different patch states for «see M:WixToolset.Dtf.WindowsInstaller.PatchInstallation.GetPatch
<code>RegistryRoot</code>	Defines values for the Root column of the Registry, RemoveRegistry, and RegLocator tables.
<code>ReinstallModes</code>	Specifies the reinstall mode for «see M:WixToolset.Dtf.WindowsInstaller.Installer.ReinstallFeature(System .

Enumeration	
<code>RemoveFileModes</code>	Defines values for the InstallMode column of the RemoveFile table.
<code>ServiceAttributes</code>	Defines values for the ServiceType, StartType, and ErrorControl columns of the ServiceInstall table.
<code>ServiceControlEvents</code>	Defines values for the Event column of the ServiceControl table.
<code>TextStyles</code>	Defines values for the StyleBits column of the TextStyle table.
<code>TransactionAttributes</code>	Attributes for «see T:WixToolset.Dtf.WindowsInstaller.Transaction» methods.
<code>TransformErrors</code>	Transform error conditions available for «see M:WixToolset.Dtf.WindowsInstaller.Database.CreateTransform(M:WixToolset.Dtf.WindowsInstaller.Database.ApplyTransform(System.String,WixToolset.Dtf.WindowsInsta
<code>TransformValidations</code>	Transform validation flags available for «see M:WixToolset.Dtf.WindowsInstaller.Database.CreateTransfor
<code>UpgradeAttributes</code>	Defines values for the Attributes column of the Upgrade table.
<code>UserContexts</code>	Specifies the installation context for «see T:WixToolset.Dtf.WindowsInstaller.ProductInstallation» s, «see M:WixToolset.Dtf.WindowsInstaller.Installer.DetermineApplicablePatches(System.String,System.String[],W
<code>ValidationError</code>	Defines the type of error encountered by the «see M:WixToolset.Dtf.WindowsInstaller.View.Validate(Wix M:WixToolset.Dtf.WindowsInstaller.View.ValidateFields(WixToolset.Dtf.WindowsInstaller.Record)» method
<code>ViewModifyMode</code>	Specifies the modify mode for «see M:WixToolset.Dtf.WindowsInstaller.View.Modify(WixToolset.Dtf.Winc

Delegates

Delegate	
<code>ExternalUIHandler</code>	Defines a callback function that the installer calls for progress notification and error messages.
<code>ExternalUIRecordHandler</code>	[MSI 3.1] Defines a callback function that the installer calls for record-based progress notification and
<code>InapplicablePatchHandler</code>	Receives an exception from «see <code>M:WixToolset.Dtf.WindowsInstaller.Installer.DetermineApplicablePatches(System.String,System.String[]</code> indicating the reason a particular patch is not applicable to a product.