



WiX managed SDK

WixToolset.Dtf.WindowsInstaller namespace

ColumnInfo Class

ColumnInfo Class

Defines a single column of a table in an installer database.

Methods

Method	Description
<code>ToString()</code>	Gets the name of the column.

Properties

Property	Description
<code>ColumnDefinitionString</code>	Gets a short string defining the type and size of the column.
<code>DBType</code>	Gets the type of the column as an integer that can be cast to a <code>System.Data.DbType</code> . This is one of the following: <code>Int16</code> , <code>Int32</code> , <code>String</code> , or <code>Binary</code>
<code>IsLocalizable</code>	Gets a value indicating whether the column is a string column that is localizable.

Property	Description
<code>IsRequired</code>	Gets a value indicating whether the column must be non-null when inserting a record.
<code>IsTemporary</code>	Gets a value indicating whether the column is temporary. Temporary columns are not persisted when the database is saved to disk.
<code>Name</code>	Gets the name of the column.
<code>Size</code>	Gets the size of the column.
<code>SqlCreateString</code>	Gets an SQL fragment that can be used to create this column within a CREATE TABLE statement.
<code>Type</code>	Gets the type of the column as a System.Type. This is one of the following: Int16, Int32, String, or Stream

Remarks

Once created, a ColumnInfo object is immutable. `WixToolset.Dtf.WindowsInstaller.dll` version `4.0.2+644ed0118bae1aa885bb6cc906dc6c0b904de4d9`

ToString() Method

Gets the name of the column.

Declaration

```
public string ToString()
```

Return value

`string` Name of the column.

ColumnDefinitionString Property

Gets a short string defining the type and size of the column.

Declaration

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

Remarks

- s? - String, variable length (?=1-255)
- s0 - String, variable length
- i2 - Short integer
- i4 - Long integer
- v0 - Binary Stream

- g? - Temporary string (?=0-255)
- j? - Temporary integer (?=0,1,2,4)
- O0 - Temporary object (stream)
- l? - Localizable string, variable length (?=1-255)
- l0 - Localizable string, variable length

DBType Property

Gets the type of the column as an integer that can be cast to a `System.Data.DbType`. This is one of the following: `Int16`, `Int32`, `String`, or `Binary`

Declaration

```
public int DBType { get; set; }
```

IsLocalizable Property

Gets a value indicating whether the column is a string column that is localizable.

Declaration

```
public bool IsLocalizable { get; set; }
```

IsRequired Property

Gets a value indicating whether the column must be non-null when inserting a record.

Declaration

```
public bool IsRequired { get; set; }
```

IsTemporary Property

Gets a value indicating whether the column is temporary. Temporary columns are not persisted when the database is saved to disk.

Declaration

```
public bool IsTemporary { get; set; }
```

Name Property

Gets the name of the column.

Declaration

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

Gets the size of the column.

Declaration

```
public int Size { get; set; }
```

SqlCreateString Property

Gets an SQL fragment that can be used to create this column within a CREATE TABLE statement.

Declaration

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

Remarks

Examples:

- LONG
- SHORT TEMPORARY
- CHAR(0) LOCALIZABLE

- CHAR(72) NOT NULL LOCALIZABLE
- OBJECT

Type Property

Gets the type of the column as a `System.Type`. This is one of the following: `Int16`, `Int32`, `String`, or `Stream`

Declaration

```
public System.Type Type { get; set; }
```