

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

ColumnCollection Class

Collection of column information related to a «see [T:WixToolset.Dtf.WindowsInstaller.TableInfo](#)» or «see [T:WixToolset.Dtf.WindowsInstaller.View](#)» .

Methods

Method	Description
Add(item)	Not supported because the collection is read-only.
Clear()	Not supported because the collection is read-only.
Contains(columnName)	Checks if a column with a given name exists in the collection.
CopyTo(array, arrayIndex)	Copies the columns from this collection into an array.
GetEnumerator()	Gets an enumerator over the columns in the collection.
IndexOf(columnName)	Gets the index of a column within the collection.

Properties

Property	Description
<code>Count</code>	Gets the number of columns in the collection.
<code>FormatString</code>	Gets a string suitable for printing all the values of a record containing these columns.
<code>IsReadOnly</code>	Gets a boolean value indicating whether the collection is read-only. A ColumnCollection is read-only if it is associated with a «see T:WixToolset.Dtf.WindowsInstaller.View» or a read-only «see T:WixToolset.Dtf.WindowsInstaller.Database» .
<code>Item</code>	Gets information about a specific column in the collection.
<code>Item</code>	Gets information about a specific column in the collection.

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Add(item) Method

Not supported because the collection is read-only.

Declaration

```
public void Add(
```

```
    ColumnInfo item  
)
```

Parameters

Parameter	Type	Description
item	ColumnInfo	information about the column being added

Exceptions

Exception	Description
T:System.InvalidOperationException	the collection is read-only

Clear() Method

Not supported because the collection is read-only.

Declaration

```
public void Clear()
```

Exceptions

Exception	Description
T:System.InvalidOperationException	the collection is read-only

Contains(columnName) Method

Checks if a column with a given name exists in the collection.

Declaration

```
public bool Contains(  
    string columnName  
)
```

Parameters

Parameter	Type	Description
columnName	string	case-sensitive name of the column to look for

Return value

`bool` true if the column exists in the collection, false otherwise

CopyTo(array, arrayIndex) Method

Copies the columns from this collection into an array.

Declaration

```
public void CopyTo(  
    ColumnInfo[] array,  
    int arrayIndex  
)
```

Parameters

Parameter	Type	Description
array	ColumnInfo[]	destination array to be filled
arrayIndex	int	offset into the destination array where copying begins

GetEnumerator() Method

Gets an enumerator over the columns in the collection.

Declaration

```
public IEnumerator<WixToolset.Dtf.WindowsInstaller.ColumnInfo> GetEnumerator()
```

Return value

`IEnumerator<WixToolset.Dtf.WindowsInstaller.ColumnInfo>` An enumerator of ColumnInfo objects.

IndexOf(columnName) Method

Gets the index of a column within the collection.

Declaration

```
public int IndexOf(  
    string columnName  
)
```

Parameters

Parameter	Type	Description
columnName	string	case-sensitive name of the column to look for

Return value

`int` 0-based index of the column, or -1 if not found

Count Property

Gets the number of columns in the collection.

Declaration

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

FormatString Property

Gets a string suitable for printing all the values of a record containing these columns.

Declaration

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

IsReadOnly Property

Gets a boolean value indicating whether the collection is read-only. A ColumnCollection is read-only if it is associated with a «see T:WixToolset.Dtf.WindowsInstaller.View» or a read-only «see T:WixToolset.Dtf.WindowsInstaller.Database» .

Declaration

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

Item Property

Gets information about a specific column in the collection.

Declaration

```
public ColumnInfo Item[  
    int columnIndex  
] { get; set; }
```

Parameters

Parameter	Type	Description
columnIndex	int	1-based index into the column collection

Exceptions

Exception	Description
T:System.ArgumentOutOfRangeException	is less
than 1 or greater than the number of columns in the collection	

Item Property

Gets information about a specific column in the collection.

Declaration

```
public ColumnInfo Item[  
    string columnName  
] { get; set; }
```

Parameters

Parameter	Type	Description
columnName	string	case-sensitive name of a column collection

Exceptions

Exception	Description
T:System.ArgumentOutOfRangeException	does
not exist in the collection	