🏠   WiX managed SDK   WixToolset.Data namespace   SourceLineNumber Class

SourceLineNumber Class

Represents file name and line number for source file

Methods

Method	Description
CreateFromEncoded(encodedSourceLineNumbers)	Creates a source line number from an encoded string.
CreateFromUri(uri)	Creates a source line number from a URI.
CreateFromXObject(node, offset)	Creates a source line number from an XObject.
Equals(obj)	Determines if two SourceLineNumbers are equivalent.
GetEncoded()	Returns the SourceLineNumber and parents encoded as a string.
GetFromXAnnotation(node)	Get the source line information for the current element. Typically this information is set by the precompiler for each element that it encounters.
GetHashCode()	Serves as a hash code for a particular type.

Method	Description
ToString()	Shows a string representation of a source line number.

Properties

Property	Description
FileName	Gets the file name of the source.
LineNumber	Gets or sets the line number of the source.
Parent	Gets or sets the parent source line number that included this source line number.
QualifiedFileName	Gets the file name and line information.

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CreateFromEncoded(encodedSourceLineNumbers) Method

Creates a source line number from an encoded string.

Declaration

```
public static SourceLineNumber CreateFromEncoded(
  string encodedSourceLineNumbers
)
```

encodedSourceLineNumbers	string	Encoded string to parse.

CreateFromUri(uri) Method

Creates a source line number from a URI.

Declaration

```
public static SourceLineNumber CreateFromUri(
  string uri
)
```

Parameters

Parameter	Type	Description
uri	string	Uri to convert into source line number

CreateFromXObject(node, offset) Method

Creates a source line number from an XObject.

Declaration

```
public static SourceLineNumber CreateFromXObject(
    System.Xml.Linq.XObject node,
    int offset
)
```

Parameters

Parameter	Type	Description
node	System.Xml.Linq.XObject	XML node to create source line number from.
offset	int	Optional line number offset into XML file not already included in the line information.

Equals(obj) Method

Determines if two SourceLineNumbers are equivalent.

Declaration

```
public bool Equals(
    System.Object obj
)
```

Parameters

Parameter	Type	Description
obj	System.Object	Object to compare.

Return value

`bool` True if SourceLineNumbers are equivalent.

GetEncoded() Method

Returns the SourceLineNumber and parents encoded as a string.

Declaration

```
public string GetEncoded()
```

GetFromXAnnotation(node) Method

Get the source line information for the current element. Typically this information is set by the precompiler for each element that it encounters.

Declaration

```
public static SourceLineNumber GetFromXAnnotation(
    System.Xml.Linq.XObject node
)
```

Parameters

Parameter	Type	Description
node	System.Xml.Linq.XObject	Element to get source line information for.

Return value

`SourceLineNumber` The source line number used to author the element being processed or null if the preprocessor did not process the element or the node is not an element.

GetHashCode() Method

Serves as a hash code for a particular type.

Declaration

```
public int GetHashCode()
```

Return value

`int` The hash code.

ToString() Method

Shows a string representation of a source line number.

Declaration

```
public string ToString()
```

Return value

`string` String representation of a source line number.

FileName Property

Gets the file name of the source.

Declaration

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

LineNumber Property

Gets or sets the line number of the source.

Declaration

```
public System.Nullable<System.Int32> LineNumber { get; set; }
```

Parent Property

Gets or sets the parent source line number that included this source line number.

Declaration

```
public SourceLineNumber Parent { get; set; }
```

QualifiedFileName Property

Gets the file name and line information.

Declaration

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