

[WiX managed SDK](#)[WixToolset.Data namespace](#)[WixOutput Class](#)

WixOutput Class

Class that understands the standard file structure of the WiX toolset.

Methods

| Method | Description |
|---|---|
| Create() | Creates a new file structure in memory. |
| Create(path) | Creates a new file structure on disk. |
| Create(uri, stream) | Creates a new file structure. |
| CreateDataStream() | Creates a data stream in the wixout. |
| Dispose() | Disposes of the internal state of the file structure. |
| Dispose(disposing) | Disposes of the internal state of the file structure. |
| ExtractEmbeddedFile(embeddedId, outputPath) | Extracts an embedded file. |

| Method | Description |
|---|--|
| <code>GetData()</code> | Gets the data of the file as a string. |
| <code>GetDataStream()</code> | Gets a non-closing stream to the data of the file. |
| <code>ImportDataStream(name, path)</code> | Imports a file from disk into the output. |
| <code>Read(path)</code> | Loads a wixout from a path on disk. |
| <code>Read(baseUri)</code> | Loads a wixout from a path on disk or embedded resource in assembly. |
| <code>Read(assembly, resourceName)</code> | Loads a wixout from an assembly resource stream. |
| <code>Read(uri, stream)</code> | Reads a file structure from an open stream. |
| <code>Reopen(writable)</code> | Reopen the underlying archive for read-only or read-write access. |

Properties

| Property | Description |
|------------------|-------------|
| <code>Uri</code> | |

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Create() Method

Creates a new file structure in memory.

Declaration

```
public static WixOutput Create()
```

Return value

`WixOutput` Newly created `WixOutput` .

Create(path) Method

Creates a new file structure on disk.

Declaration

```
public static WixOutput Create(  
    string path  
)
```

Parameters

| Parameter | Type | Description |
|-----------|--------|----------------------------------|
| path | string | Path to write file structure to. |

Return value

`WixOutput` Newly created `WixOutput` .

Create(uri, stream) Method

Creates a new file structure.

Declaration

```
public static WixOutput Create(  
    System.Uri uri,  
    System.IO.Stream stream  
)
```

Parameters

| Parameter | Type | Description |
|-----------|------|-------------|
|-----------|------|-------------|

| Parameter | Type | Description |
|-----------|------------------|--|
| uri | System.Uri | |
| stream | System.IO.Stream | Stream to write the file structure to. |

Return value

`WixOutput` Newly created `WixOutput` .

CreateDataStream() Method

Creates a data stream in the wixout.

Declaration

```
public System.IO.Stream CreateDataStream()
```

Return value

`System.IO.Stream` Stream to the data of the file.

Dispose() Method

Disposes of the internal state of the file structure.

Declaration

```
public void Dispose()
```

Dispose(disposing) Method

Disposes of the internal state of the file structure.

Declaration

```
protected void Dispose(  
    bool disposing  
)
```

Parameters

| Parameter | Type | Description |
|-----------|------|--------------------|
| disposing | bool | True if disposing. |

ExtractEmbeddedFile(embeddedId, outputPath) Method

Extracts an embedded file.

Declaration

```
public void ExtractEmbeddedFile(  
    string embeddedId,  
    string outputPath  
)
```

Parameters

| Parameter | Type | Description |
|------------|--------|--------------------------------------|
| embeddedId | string | Id to the file to extract. |
| outputPath | string | Path to write the extracted file to. |

GetData() Method

Gets the data of the file as a string.

Declaration

```
public string GetData()
```

Return value

`string` String contents data of the file.

GetDataStream() Method

Gets a non-closing stream to the data of the file.

Declaration

```
public System.IO.Stream GetDataStream()
```

Return value

`System.IO.Stream` Stream to the data of the file.

ImportDataStream(name, path) Method

Imports a file from disk into the output.

Declaration


```
public void ImportDataStream(  
    string name,  
    string path  
)
```

Parameters

| Parameter | Type | Description |
|-----------|--------|--|
| name | string | Name of the stream in the output. |
| path | string | Path to file on disk to include in the output. |

Read(path) Method

Loads a wixout from a path on disk.

Declaration

```
public static WixOutput Read(  
    string path  
)
```

Parameters

| Parameter | Type | Description |
|-----------|--------|------------------------------------|
| path | string | Path to wixout file saved on disk. |

Return value

`WixOutput` Loaded created `WixOutput` .

Read(baseUri) Method

Loads a wixout from a path on disk or embedded resource in assembly.

Declaration

```
public static WixOutput Read(  
    System.Uri baseUri  
)
```

Parameters

| Parameter | Type | Description |
|-----------|------------|--|
| baseUri | System.Uri | Uri with local path to wixout file saved on disk or embedded resource in assembly. |

Return value

`WixOutput` Loaded created `WixOutput` .

Read(assembly, resourceName) Method

Loads a wixout from an assembly resource stream.

Declaration

```
public static WixOutput Read(  
    System.Reflection.Assembly assembly,  
    string resourceName  
)
```

Parameters

| Parameter | Type | Description |
|--------------|----------------------------|-------------|
| assembly | System.Reflection.Assembly | |
| resourceName | string | |

Return value

WixOutput Loaded created WixOutput .

Read(uri, stream) Method

Reads a file structure from an open stream.

Declaration

```
public static WixOutput Read(  
    System.Uri uri,  
    System.IO.Stream stream  
)
```

Parameters

| Parameter | Type | Description |
|-----------|------------------|----------------------|
| uri | System.Uri | |
| stream | System.IO.Stream | Stream to read from. |

Return value

WixOutput Loaded created WixOutput .

Reopen(writable) Method

Reopen the underlying archive for read-only or read-write access.

Declaration

```
public void Reopen(  
    bool writable  
)
```

Parameters

| Parameter | Type | Description |
|-----------|------|--|
| writable | bool | Indicates whether the output can be modified. Defaults to false. |

Uri Property

Declaration

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