🏠   WiX managed SDK   WixToolset.Dtf.Compression namespace

WixToolset.Dtf.Compression namespace

Classes

Class	Description
ArchiveException	Base exception class for compression operations. Compression libraries should derive subclass exceptions with more specific error information relevent to the file format.
ArchiveFileInfo	Abstract object representing a compressed file within an archive; provides operations for getting the file properties and unpacking the file.
ArchiveFileStreamContext	Provides a basic implementation of the archive pack and unpack stream context interfaces, based on a list of archive files, a default directory, and an optional mapping from internal to external file paths.
ArchiveInfo	Abstract object representing a compressed archive on disk; provides access to file-based operations on the archive.
ArchiveProgressEventArgs	Contains the data reported in an archive progress event.
BasicUnpackStreamContext	Stream context used to extract a single file from an archive into a memory stream.

Class	Description
CargoStream	Wraps a source stream and carries additional items that are disposed when the stream is closed.
CompressionEngine	Base class for an engine capable of packing and unpacking a particular compressed file format.
DuplicateStream	Duplicates a source stream by maintaining a separate position.
OffsetStream	Wraps a source stream and offsets all read/write/seek calls by a given value.

Interfaces

Interface	Description
IPackStreamContext	This interface provides the methods necessary for the «see T:WixToolset.Dtf.Compression.CompressionEngine» to open and close streams for archives and files. The implementor of this interface can use any kind of logic to determine what kind of streams to open and where.
IUnpackStreamContext	This interface provides the methods necessary for the «see T:WixToolset.Dtf.Compression.CompressionEngine» to open and close streams for archives and files. The implementor of this interface can use any kind of logic to determine what kind of streams to open and where

Enumerations

Enumeration	Description
ArchiveProgressType	The type of progress event.
CompressionLevel	Specifies the compression level ranging from minimum compresion to maximum compression, or no compression at all.