

OpcEncodingStackTrace Members

Namespace: Opc.UaFx

Assemblies: Opc.UaFx.Advanced.dll, Opc.UaFx.Advanced.dll

The [OpcEncodingStackTrace](#) type exposes the following members.

Properties

Empty

Gets a [OpcEncodingStackTrace](#) with a [FrameCount](#) equals zero.

C#

```
public static OpcEncodingStackTrace Empty { get; }
```

Property Value

[OpcEncodingStackTrace](#)

An instance of the [OpcEncodingStackTrace](#) without any stack frames.

FrameCount

Gets the number of frames in the stack trace.

C#

```
public int FrameCount { get; }
```

Property Value

[Int32](#)

The number of frames in the stack trace.

IsEmpty

Gets a value indicating whether the stack trace is empty.

C#

```
public bool IsEmpty { get; }
```

Property Value

[Boolean](#)

The value true if [FrameCount](#) is equals zero; otherwise the value false.

IsEnabled

Gets or sets a value indicating whether encoders / decoders shall build a stack trace of the operations performed. The default value is false. In case there tracing of the encode / decode operations is enabled the overall performance of the encoders / decoders used slows down.

C#

```
public static bool isEnabled { get; set; }
```

Property Value

Boolean

The value true if encoders / decoders shall build a stack trace; otherwise the value false.

Methods

GetFrame(Int32)

Gets the specified stack frame.

C#

```
public OpcEncodingStackFrame GetFrame(int index)
```

Parameters

index Int32

The index of the stack frame requested.

Returns

OpcEncodingStackFrame

The specified stack frame as an instance of the [OpcEncodingStackFrame](#) class or a null reference (Nothing in Visual Basic) in case there [index](#) is outside of the bounds of the frames in the current [OpcEncodingStackTrace](#).

GetFrames()

Returns a copy of all stack frames in the current stack trace.

C#

```
public OpcEncodingStackFrame[] GetFrames()
```

Returns

[OpcEncodingStackFrame](#)[]

An array of the type [OpcEncodingStackFrame](#) representing the encoding / decoding operations in the stack trace.

ToString()

Returns a readable representation of the stack trace.

C#

```
public override string ToString()
```

Returns

[String](#)

A [String](#) representing the information of the current [OpcEncodingStackTrace](#) in a readable way.

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