

# OpcEncodingStackTrace Class

**Namespace:** Opc.UaFx

**Assemblies:** Opc.UaFx.Advanced.dll

Represents a stack trace of an encoder / decoder, which is an ordered collection of one or more stack frames.

**C#**

```
public class OpcEncodingStackTrace : IEnumerable<OpcEncodingStackFrame>, IEnumerable
```

**Inheritance** [Object](#) > OpcEncodingStackTrace

**Implements** [IEnumerable<OpcEncodingStackFrame>](#), [IEnumerable](#)

## Properties

| Name                       | Description                                                                                                                                                                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">Empty</a>      | Gets a <a href="#">OpcEncodingStackTrace</a> with a <a href="#">FrameCount</a> equals zero.                                                                                                                                                                                           |
| <a href="#">FrameCount</a> | Gets the number of frames in the stack trace.                                                                                                                                                                                                                                         |
| <a href="#">IsEmpty</a>    | Gets a value indicating whether the stack trace is empty.                                                                                                                                                                                                                             |
| <a href="#">IsEnabled</a>  | 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. |

## Methods

| Name                            | Description                                                    |
|---------------------------------|----------------------------------------------------------------|
| <a href="#">GetFrame(Int32)</a> | Gets the specified stack frame.                                |
| <a href="#">GetFrames</a>       | Returns a copy of all stack frames in the current stack trace. |
| <a href="#">ToString</a>        | Returns a readable representation of the stack trace.          |



# Table of Contents

|                   |   |
|-------------------|---|
| <b>Properties</b> | 1 |
| <b>Methods</b>    | 1 |