

OpcTranslatePath Members

Namespace: Opc.UaFx

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

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

Constructors

OpcTranslatePath(IEnumerable<OpcName>)

Initializes a new instance of the [OpcTranslatePath](#) class using the specified [pathElements](#) to start translating them from the root node.

C#

```
public OpcTranslatePath(IEnumerable<OpcName> pathElements)
```

Parameters

[pathElements](#) [IEnumerable<OpcName>](#)

A sequence of [OpcName](#) objects representing the value of the [BrowseName](#) attribute of the nodes to visit to translate the last [OpcName](#) item in [pathElements](#) to the [OpcNodeId](#) requested by the service.

Exceptions

[ArgumentNullException](#)

The [pathElements](#) or one of its items is a null reference (Nothing in Visual Basic).

OpcTranslatePath(IEnumerable<OpcRelativePathElement>)

Initializes a new instance of the [OpcTranslatePath](#) class using the specified [pathElements](#) to start translating them from the root node.

C#

```
public OpcTranslatePath(IEnumerable<OpcRelativePathElement> pathElements)
```

Parameters

[pathElements](#) [IEnumerable<OpcRelativePathElement>](#)

A sequence of [OpcRelativePathElement](#) objects representing the translation directives of the nodes to visit to translate the last [OpcRelativePathElement](#) item in [pathElements](#) to the [OpcNodeId](#) requested by the service.

Exceptions

ArgumentNullException

The `pathElements` or one of its items is a null reference (Nothing in Visual Basic).

OpcTranslatePath(OpcName[])

Initializes a new instance of the `OpcTranslatePath` class using the specified `pathElements` to start translating them from the root node.

C#

```
public OpcTranslatePath(params OpcName[] pathElements)
```

Parameters

`pathElements` `OpcName[]`

An array of `OpcName` objects representing the value of the `BrowseName` attribute of the nodes to visit to translate the last `OpcName` item in `pathElements` to the `OpcNodeId` requested by the service.

Exceptions

ArgumentNullException

The `pathElements` or one of its items is a null reference (Nothing in Visual Basic).

OpcTranslatePath(OpcNodeId, IEnumerable<OpcName>)

Initializes a new instance of the `OpcTranslatePath` class using the specified `nodeId` to start translating the `pathElements`.

C#

```
public OpcTranslatePath(OpcNodeId nodeId, IEnumerable<OpcName> pathElements)
```

Parameters

`nodeId` `OpcNodeId`

The `OpcNodeId` of the node on which the service will translate the `pathElements`.

`pathElements` `IEnumerable<OpcName>`

A sequence of `OpcName` objects representing the value of the `BrowseName` attribute of the nodes to visit to translate the last `OpcName` item in `pathElements` to the `OpcNodeId` requested by the service.

Exceptions

ArgumentException

The command does not support empty node identifiers.

ArgumentNullException

The `nodeId` or `pathElements` or one of its items is a null reference (Nothing in Visual Basic).

OpcTranslatePath(OpcNodeId, IEnumerable<OpcRelativePathElement>)

Initializes a new instance of the `OpcTranslatePath` class using the specified `nodeId` to start translating the `pathElements`.

C#

```
public OpcTranslatePath(OpcNodeId nodeId, IEnumerable<OpcRelativePathElement> pathElements)
```

Parameters

`nodeId` `OpcNodeId`

The `OpcNodeId` of the node on which the service will translate the `pathElements`.

`pathElements` `IEnumerable<OpcRelativePathElement>`

A sequence of `OpcRelativePathElement` objects representing the translation directives of the nodes to visit to translate the last `OpcRelativePathElement` item in `pathElements` to the `OpcNodeId` requested by the service.

Exceptions

ArgumentException

The command does not support empty node identifiers.

ArgumentNullException

The `nodeId` or `pathElements` or one of its items is a null reference (Nothing in Visual Basic).

OpcTranslatePath(OpcNodeId, OpcName[])

Initializes a new instance of the `OpcTranslatePath` class using the specified `nodeId` to start translating the `pathElements`.

C#

```
public OpcTranslatePath(OpcNodeId nodeId, params OpcName[] pathElements)
```

Parameters

`nodeId` `OpcNodeId`

The `OpcNodeId` of the node on which the service will translate the `pathElements`.

`pathElements` `OpcName[]`

An array of `OpcName` objects representing the value of the `BrowseName` attribute of the nodes to visit to

translate the last `OpcName` item in `pathElements` to the `OpcNodeId` requested by the service.

Exceptions

ArgumentException

The command does not support empty node identifiers.

ArgumentNullException

The `nodeId` or `pathElements` or one of its items is a null reference (Nothing in Visual Basic).

OpcTranslatePath(OpcNodeId, OpcRelativePath)

Initializes a new instance of the `OpcTranslatePath` class using the specified `nodeId` to start translating the `path`.

C#

```
public OpcTranslatePath(OpcNodeId nodeId, OpcRelativePath path)
```

Parameters

`nodeId` `OpcNodeId`

The `OpcNodeId` of the node on which the service will translate the `path`.

`path` `OpcRelativePath`

The `OpcRelativePath` to the `OpcNodeId` requested by the service.

Exceptions

ArgumentException

The command does not support empty node identifiers.

ArgumentNullException

The `nodeId` or `path` is a null reference (Nothing in Visual Basic).

OpcTranslatePath(OpcNodeId, OpcRelativePathElement[])

Initializes a new instance of the `OpcTranslatePath` class using the specified `nodeId` to start translating the `pathElements`.

C#

```
public OpcTranslatePath(OpcNodeId nodeId, params OpcRelativePathElement[] pathElements)
```

Parameters

`nodeId` `OpcNodeId`

The **OpcNodeId** of the node on which the service will translate the **pathElements**.

pathElements **OpcRelativePathElement[]**

An array of **OpcRelativePathElement** objects representing the translation directives of the nodes to visit to translate the last **OpcRelativePathElement** item in **pathElements** to the **OpcNodeId** requested by the service.

Exceptions

ArgumentException

The command does not support empty node identifiers.

ArgumentNullException

The **pathElements** or one of its items is a null reference (Nothing in Visual Basic).

OpcTranslatePath(OpcNodeId, String)

Initializes a new instance of the **OpcTranslatePath** class using the specified **nodeId** to start translating the **path**.

C#

```
public OpcTranslatePath(OpcNodeId nodeId, string path)
```

Parameters

nodeId **OpcNodeId**

The **OpcNodeId** of the node on which the service will translate the **path**.

path **String**

A **String** representing a **OpcRelativePath** to the **OpcNodeId** requested by the service.

Exceptions

ArgumentException

The command does not support empty node identifiers.

ArgumentNullException

The **nodeId** or **path** is a null reference (Nothing in Visual Basic).

OpcTranslatePath(OpcRelativePathElement[])

Initializes a new instance of the **OpcTranslatePath** class using the specified **pathElements** to start translating them from the root node.

C#

```
public OpcTranslatePath(params OpcRelativePathElement[] pathElements)
```

Parameters

pathElements [OpcRelativePathElement\[\]](#)

An array of [OpcRelativePathElement](#) objects representing the translation directives of the nodes to visit to translate the last [OpcRelativePathElement](#) item in **pathElements** to the [OpcNodeId](#) requested by the service.

Exceptions

[ArgumentNullException](#)

The **pathElements** or one of its items is a null reference (Nothing in Visual Basic).

OpcTranslatePath(String)

Initializes a new instance of the [OpcTranslatePath](#) class using the specified **path** to start translating it from the root node.

C#

```
public OpcTranslatePath(string path)
```

Parameters

path [String](#)

A [String](#) representing a [OpcRelativePath](#) to the [OpcNodeId](#) requested by the service.

Exceptions

[ArgumentException](#)

The command does not support empty node identifiers.

[ArgumentNullException](#)

The **path** is a null reference (Nothing in Visual Basic).

Properties

Path

Gets the path to follow.

C#

```
public OpcRelativePath Path { get; }
```

Property Value

[OpcRelativePath](#)

An instance of the [OpcRelativePath](#) class its elements are followed to determine the [OpcNodeId](#) requested by the service.

Table of Contents

Constructors	1
OpcTranslatePath(IEnumerable<OpcName>)	1
OpcTranslatePath(IEnumerable<OpcRelativePathElement>)	1
OpcTranslatePath(OpcName[])	2
OpcTranslatePath(OpcNodeId, IEnumerable<OpcName>)	2
OpcTranslatePath(OpcNodeId, IEnumerable<OpcRelativePathElement>)	3
OpcTranslatePath(OpcNodeId, OpcName[])	3
OpcTranslatePath(OpcNodeId, OpcRelativePath)	4
OpcTranslatePath(OpcNodeId, OpcRelativePathElement[])	4
OpcTranslatePath(OpcNodeId, String)	5
OpcTranslatePath(OpcRelativePathElement[])	5
OpcTranslatePath(String)	6
Properties	6
Path	6