

OpcDataTypes Members

Namespace: Opc.UaFx

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

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

Fields

Boolean

C#

```
public static readonly OpcNodeId Boolean
```

Field Value

[OpcNodeId](#)

Byte

C#

```
public static readonly OpcNodeId Byte
```

Field Value

[OpcNodeId](#)

ByteString

C#

```
public static readonly OpcNodeId ByteString
```

Field Value

[OpcNodeId](#)

DateTime

C#

```
public static readonly OpcNodeId DateTime
```

Field Value

[OpcNodeId](#)

DiagnosticInfo

C#

```
public static readonly OpcNodeId DiagnosticInfo
```

Field Value

OpcNodeId

Double

C#

```
public static readonly OpcNodeId Double
```

Field Value

OpcNodeId

EngineeringUnitInfo

C#

```
public static readonly OpcNodeId EngineeringUnitInfo
```

Field Value

OpcNodeId

Enumeration

C#

```
public static readonly OpcNodeId Enumeration
```

Field Value

OpcNodeId

ExpandedNodeId

C#

```
public static readonly OpcNodeId ExpandedNodeId
```

Field Value

OpcNodeId

Float

C#

```
public static readonly OpcNodeId Float
```

Field Value

OpcNodeId

Guid

C#

```
public static readonly OpcNodeId Guid
```

Field Value

OpcNodeId

Int16

C#

```
public static readonly OpcNodeId Int16
```

Field Value

OpcNodeId

Int32

C#

```
public static readonly OpcNodeId Int32
```

Field Value

OpcNodeId

Int64

C#

```
public static readonly OpcNodeId Int64
```

Field Value

OpcNodeId

Integer

C#

```
public static readonly OpcNodeId Integer
```

Field Value

[OpcNodeId](#)

LocalizedText

C#

```
public static readonly OpcNodeId LocalizedText
```

Field Value

[OpcNodeId](#)

NodeId

C#

```
public static readonly OpcNodeId NodeId
```

Field Value

[OpcNodeId](#)

Number

C#

```
public static readonly OpcNodeId Number
```

Field Value

[OpcNodeId](#)

QualifiedName

C#

```
public static readonly OpcNodeId QualifiedName
```

Field Value

[OpcNodeId](#)

SByte

C#

```
public static readonly OpcNodeId SByte
```

Field Value

OpcNodeId

Status

C#

```
public static readonly OpcNodeId Status
```

Field Value

OpcNodeId

String

C#

```
public static readonly OpcNodeId String
```

Field Value

OpcNodeId

UInt16

C#

```
public static readonly OpcNodeId UInt16
```

Field Value

OpcNodeId

UInt32

C#

```
public static readonly OpcNodeId UInt32
```

Field Value

OpcNodeId

UInt64

C#

```
public static readonly OpcNodeId UInt64
```

Field Value

[OpcNodeId](#)

UInteger

C#

```
public static readonly OpcNodeId UInteger
```

Field Value

[OpcNodeId](#)

Value

C#

```
public static readonly OpcNodeId Value
```

Field Value

[OpcNodeId](#)

ValueRange

C#

```
public static readonly OpcNodeId ValueRange
```

Field Value

[OpcNodeId](#)

XmlElement

C#

```
public static readonly OpcNodeId XmlElement
```

Field Value

[OpcNodeId](#)

Methods

GetArrayDimensions(Type)

C#

```
public static OpcArrayDimensions GetArrayDimensions(Type type)
```

Parameters

type [Type](#)

Returns

[OpcArrayDimensions](#)

Exceptions

[ArgumentNullException](#)

GetArrayDimensions(Type, Object)

C#

```
public static OpcArrayDimensions GetArrayDimensions(Type type, object value)
```

Parameters

type [Type](#)

value [Object](#)

Returns

[OpcArrayDimensions](#)

Exceptions

[ArgumentNullException](#)

GetArrayDimensions<T>()

C#

```
public static OpcArrayDimensions GetArrayDimensions<T>()
```

Returns

[OpcArrayDimensions](#)

GetArrayDimensions<T>(T)

C#

```
public static OpcArrayDimensions GetArrayDimensions<T>(T value)
```

Parameters

value [T](#)

Returns

[OpcArrayDimensions](#)

GetDataType(OpcNodeId)

C#

```
public static OpcDataType GetDataType(OpcNodeId nodeId)
```

Parameters

nodeId [OpcNodeId](#)

Returns

[OpcDataType](#)

GetDataType(Type)

C#

```
public static OpcDataType GetDataType(Type type)
```

Parameters

type [Type](#)

Returns

[OpcDataType](#)

GetDataType<T>()

C#

```
public static OpcDataType GetDataType<T>()
```

Returns

[OpcDataType](#)

GetDefaultValue<T>()

C#

```
public static T GetDefaultValue<T>()
```

Returns

[T](#)

GetDefaultValue<T>(T)

C#

```
public static T GetDefaultValue<T>(T value)
```

Parameters

value [T](#)

Returns

[T](#)

GetNodeId(Object)

C#

```
public static OpcNodeId GetNodeId(object value)
```

Parameters

value Object

Returns

OpcNodeId

GetNodeId(OpcDataType)

C#

```
public static OpcNodeId GetNodeId(OpcDataType type)
```

Parameters

type OpcDataType

Returns

OpcNodeId

GetNodeId(Type)

C#

```
public static OpcNodeId GetNodeId(Type type)
```

Parameters

type Type

Returns

OpcNodeId

GetNodeId<T>()

C#

```
public static OpcNodeId GetNodeId<T>()
```

Returns

OpcNodeId

GetUnderlyingType(OpcDataType)

C#

```
public static Type GetUnderlyingType(OpcDataType type)
```

Parameters

type OpcDataType

Returns

Type

GetUnderlyingType(OpcNodeId)

C#

```
public static Type GetUnderlyingType(OpcNodeId nodeId)
```

Parameters

nodeId OpcNodeId

Returns

Type

GetValueRank(Type)

C#

```
public static int GetValueRank(Type type)
```

Parameters

type [Type](#)

Returns

[Int32](#)

Exceptions

[ArgumentNullException](#)

GetValueRank(Type, Object)

C#

```
public static int GetValueRank(Type type, object value)
```

Parameters

type [Type](#)

value [Object](#)

Returns

[Int32](#)

Exceptions

[ArgumentNullException](#)

GetValueRank<T>()

C#

```
public static int GetValueRank<T>()
```

Returns

[Int32](#)

GetValueRank<T>(T)

C#

```
public static int GetValueRank<T>(T value)
```

Parameters

value **T**

Returns

[Int32](#)

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