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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