OpcArrayDimensions Class

Namespace: Opc.UaFx
Assemblies: Opc.UaFx.Advanced.dll

Provides the lengths of array dimensions.

C#

```
public class OpcArrayDimensions : IReadOnlyList<uint>, IReadOnlyCollection<uint>,
IEnumerable<uint>, IEnumerable
```

Inheritance Object › OpcArrayDimensions

Implements IReadOnlyList<UInt32>, IReadOnlyCollection<UInt32>, IEnumerable<UInt32>, IEnumerable

Constructors

Name	Description
OpcArrayDimensions(UInt32)	Initializes a new instance of the OpcArrayDimensions class with the `lengths` of dimensions to represent.

Properties

Name	Description
Item(Int32)	Gets the length of the `dimension` specified.
Length	Gets the total number of elements in all the dimensions.
Rank	Gets the rank (number of dimensions). For example, a one-dimensional array returns 1, a two-dimensional array returns 2, and so on.

Methods

Name	Description
GetEnumerator	Returns an enumerator that iterates through the dimensions.
GetLength(Int32)	Gets a 32-bit integer that represents the number of elements in the specified dimension of the array.
GetLowerBound(Int32)	Gets the index of the first element of the specified dimension in the array.
GetUpperBound(Int32)	Gets the index of the last element of the specified dimension in the array.
ToString	Returns a string that represents the OpcArrayDimensions.

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