

IOpcReadOnlyNodeDataStore

Members

Namespace: Opc.UaFx

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

The [IOpcReadOnlyNodeDataStore](#) interface defines the following members.

Methods

Get<T>(OpcAttribute, OpcName)

Retrieves the value of the [attribute](#) of the element browsable through the [name](#) specified.

C#

```
T Get<T>(OpcAttribute attribute, OpcName name)
```

Parameters

[attribute](#) [OpcAttribute](#)

One of the members defined by the [OpcAttribute](#) enumeration identifying the attribute value to query from the element specified by the [name](#).

[name](#) [OpcName](#)

The [OpcName](#) to use to browse to the element from that the requested [attribute](#) value is to be retrieved.

Returns

[T](#)

The [T](#) of the attribute of the element requested or the default value if the attribute value is not of the type specified by [T](#).

Get<T>(OpcAttribute, OpcName[])

Retrieves the value of the [attribute](#) of the element browsable through the [pathElements](#) specified.

C#

```
T Get<T>(OpcAttribute attribute, params OpcName[] pathElements)
```

Parameters

[attribute](#) [OpcAttribute](#)

One of the members defined by the [OpcAttribute](#) enumeration identifying the attribute value to query from

the element specified by the `pathElements`.

`pathElements` `OpcName[]`

The `OpcName`'s to use to browse to the element from that the requested `attribute` value is to be retrieved.

Returns

`T`

The `T` of the attribute of the element requested or the default value if the attribute value is not of the type specified by `T`.

Exceptions

`ArgumentNullException`

One of the items in `pathElements` is a null reference (Nothing in Visual Basic).

Get<T>(OpcAttribute, OpcNamePath)

Retrieves the value of the `attribute` of the element browsable through the `path` specified.

C#

```
T Get<T>(OpcAttribute attribute, OpcNamePath path)
```

Parameters

`attribute` `OpcAttribute`

One of the members defined by the `OpcAttribute` enumeration identifying the attribute value to query from the element specified by the `path`.

`path` `OpcNamePath`

The sequence `OpcName` instances to use to browse to the element from that the requested `attribute` value is to be retrieved.

Returns

`T`

The `T` of the attribute of the element requested or the default value if the attribute value is not of the type specified by `T`.

Exceptions

`ArgumentNullException`

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

Get<T>(OpcAttribute, String)

Retrieves the value of the `attribute` of the element browsable through the `name` specified.

C#

```
T Get<T>(OpcAttribute attribute, string name = "")
```

Parameters

`attribute` [OpcAttribute](#)

One of the members defined by the [OpcAttribute](#) enumeration identifying the attribute value to query from the element specified by the `name`.

`name` [String](#)

The [String](#) formatted [OpcName](#) to use to browse to the element from that the requested `attribute` value is to be retrieved.

Returns

[T](#)

The [T](#) of the attribute of the element requested or the default value if the attribute value is not of the type specified by [T](#).

Get<T>(OpcName)

Retrieves the [Value](#) attribute of the element browsable through the `name` specified.

C#

```
T Get<T>(OpcName name)
```

Parameters

`name` [OpcName](#)

The [OpcName](#) to use to browse to the element from that the requested [Value](#) attribute is to be retrieved.

Returns

[T](#)

The [T](#) of the attribute of the element requested or the default value if the attribute value is not of the type specified by [T](#).

Get<T>(String)

Retrieves the **Value** attribute of the element browsable through the **name** specified.

C#

```
T Get<T>(string name = "")
```

Parameters

name String

The **String** formatted **OpcName** to use to browse to the element from that the requested **Value** attribute is to be retrieved.

Returns

T

The **T** of the attribute of the element requested or the default value if the attribute value is not of the type specified by **T**.

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