

IOpcMethodCommand Members

Namespace: Opc.UaFx

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

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

Methods

CanExecute(OpcContext)

Determines the value of the [Executable](#) attribute of the method ([CanExecute](#)) and therefore decides whether the [Execute\(OpcMethodContext, IList, IList\)](#) method can be called in general to execute the method implementation.

C#

```
bool CanExecute(OpcContext context)
```

Parameters

context [OpcContext](#)

The [OpcReadAttributeValueContext](#) in case there the [Executable](#) attribute is read or the [OpcMethodContext](#) in case there the method call is to be processed.

Returns

[Boolean](#)

The value true if the method can be called; otherwise the value false.

CanUserExecute(OpcContext)

Determines the value of the [UserExecutable](#) attribute of the method ([CanUserExecute](#)) and therefore decides whether the [Execute\(OpcMethodContext, IList, IList\)](#) method can be called by the current user to execute the method implementation.

C#

```
bool CanUserExecute(OpcContext context)
```

Parameters

context [OpcContext](#)

The [OpcReadAttributeValueContext](#) in case there the [UserExecutable](#) attribute is read or the [OpcMethodContext](#) in case there the method call is to be processed.

Returns

Boolean

The value true if the method can be called; otherwise the value false.

Execute(OpcMethodContext, IList<Object>, IList<Object>)

Performs the tasks necessary to implement the logic associated with a specific method using the `context` and `inputArguments` specified.

C#

```
void Execute(OpcMethodContext context, IList<object> inputArguments, IList<object> outputArguments)
```

Parameters

`context` [OpcMethodContext](#)

The [OpcMethodContext](#) which provides the contextual information required to execute the method.

`inputArguments` [IList<Object>](#)

The generic list of [Object](#) values to use / respect during the execution of the method.

`outputArguments` [IList<Object>](#)

The generic list of [Object](#) values to use for out, ref (in Visual Basic ByRef) and returned values.

Remarks

Any OPC UA related result information is to be set using the [Result](#) property of the `context`.

This method is (to be) only called after the call to [CanExecute\(OpcContext\)](#) and [CanUserExecute\(OpcContext\)](#) evaluates to the value true.

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