

# OpcDirectoryPathProbing Class

**Namespace:** Opc.UaFx

**Assemblies:** Opc.UaFx.Advanced.dll

Provides mechanisms to evaluate the full qualified existence and accessibility of a [String](#)-based path which points to a directory in the file system.

**C#**

```
public class OpcDirectoryPathProbing : OpcPathProbing
```

**Inheritance** [Object](#) > [OpcPathProbing](#) > OpcDirectoryPathProbing

## Constructors

Name	Description
<a href="#">OpcDirectoryPathProbing(String)</a>	Initializes a new instance of the <a href="#">OpcDirectoryPathProbing</a> class using the <a href="#">path</a> information specified.

## Events

Name	Description
<a href="#">Failed</a>	Occurs when a call to <a href="#">Evaluate</a> failed upon a specific reason. This can be either an exception during the evaluation or the path information does not fulfill one of the circumstances the evaluation assures. (Inherited from <a href="#">OpcPathProbing</a> )

## Properties

Name	Description
<a href="#">Path</a>	Gets the path to the directory in the file system to evaluate when calling <a href="#">Evaluate</a> .

## Methods

Name	Description
<a href="#">Evaluate</a>	Processes the evaluation of the <a href="#">String</a> -based path value associated with this <a href="#">OpcPathProbing</a> and offers the determined and fulfilled path information accordingly. (Inherited from <a href="#">OpcPathProbing</a> )
<a href="#">EvaluateCore</a>	Processes the implementation specific evaluation of the <a href="#">Path</a> associated with this <a href="#">OpcDirectoryPathProbing</a> instance and offers the determined and fulfilled path information accordingly.

Name	Description
EvaluateCore	When implemented in a derived class, processes the implementation specific evaluation of the <a href="#">String</a> -based path value associated with this <a href="#">OpcPathProbing</a> specialization and offers the determined and fulfilled path information accordingly. (Inherited from <a href="#">OpcPathProbing</a> )
OnFailed( <a href="#">OpcPathProbingFailedEventArgs</a> )	Raises the <a href="#">Failed</a> event of the <a href="#">OpcPathProbing</a> . (Inherited from <a href="#">OpcPathProbing</a> )
ReportFailed( <a href="#">Exception</a> )	Reports the failure of the evaluation using the <a href="#">exception</a> which led to the nonsuccess. (Inherited from <a href="#">OpcPathProbing</a> )
ReportFailed( <a href="#">Exception</a> , <a href="#">String</a> , <a href="#">Object</a> )	Reports the failure of the evaluation using the <a href="#">exception</a> which led to the nonsuccess. The further defined <a href="#">message</a> and <a href="#">arguments</a> offer additional information about the source of the <a href="#">exception</a> or which evaluation task has failed. (Inherited from <a href="#">OpcPathProbing</a> )
ReportFailed( <a href="#">String</a> , <a href="#">Object</a> )	Reports the failure of the evaluation using the <a href="#">message</a> and <a href="#">arguments</a> information to describe the evaluation task which failed. (Inherited from <a href="#">OpcPathProbing</a> )

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