

OpcModel Members

Namespace: Opc.UaFx

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

The [OpcModel](#) type exposes the following members.

Properties

Name

Gets the name of the model which is constructed from the [LocalPath](#) of the [Uri](#) associated with the model represented.

C#

```
public string Name { get; }
```

Property Value

[String](#)

The name of the model derived from the [Uri](#).

PublicationDate

Gets the date and time when the model was published.

C#

```
public DateTime? PublicationDate { get; }
```

Property Value

[Nullable<DateTime>](#)

The [DateTime](#) the model was published or a null reference (Nothing in Visual Basic) in case there the model does not define a publication date.

Remarks

This value is used for comparison if the model is defined in multiple node sets.

RequiredModels

Gets a read-only collection of [OpcModel](#) instances used to refer to subsequent models which are required by the model.

C#

```
public OpcReadOnlyModelCollection RequiredModels { get; }
```

Property Value

[OpcReadOnlyModelCollection](#)

An instance of the [OpcReadOnlyModelCollection](#) class with the [OpcModel](#) instances which describe the models required by the current [OpcModel](#).

Uri

Gets the uniform resource identifier of the model.

C#

```
public Uri Uri { get; }
```

Property Value

[Uri](#)

The [Uri](#) identifying the model.

Remarks

The [Uri](#) should be used as one of the namespaces in the address spaces the model is imported.

UriValue

Gets [String](#) representation of the [Uri](#).

C#

```
public string UriValue { get; }
```

Property Value

[String](#)

A [String](#) representing the [Uri](#) of the model.

Version

Gets the programmatic comparable information derived from [VersionValue](#).

C#

```
public Version Version { get; }
```

Property Value

Version

An instance of the [Version](#) class which offers the version information derived from [VersionValue](#) or "0.0" if no version information could be determined.

Remarks

In case there a minimum version of a model is required by a different one, the models [PublicationDate](#) is used to resolve these dependencies. The resolution of a required model shall accept any model after the date of publication.

VersionValue

Gets the human readable version of the model defined in the node set.

C#

```
public string VersionValue { get; }
```

Property Value

String

The human readable version-[String](#) of the model defined.

Remarks

This is a human readable [String](#) which is not intended for programmatic comparisons.

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