

OpcSubscription Members

Namespace: Opc.UaFx.Server

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

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

Properties

Diagnostics

Gets an instance of which provides diagnostic information about the operations performed and activities recognized on this [OpcSubscription](#).

C#

```
public OpcSubscriptionDiagnostics Diagnostics { get; }
```

Property Value

[OpcSubscriptionDiagnostics](#)

An instance of the [OpcSubscriptionDiagnostics](#) class with bunch of diagnostic information.

Id

Gets the unique identifier of the subscription.

C#

```
public int Id { get; }
```

Property Value

[Int32](#)

The unique identifier of the subscription.

MonitoredItemsCount

Gets the total number of monitored items observed through this [OpcSubscription](#).

C#

```
public int MonitoredItemsCount { get; }
```

Property Value

[Int32](#)

The number of monitored items observed. The value also includes monitored items its monitoring may be disabled.

Priority

Gets the priority used for publishing data change and event notifications.

C#

```
public int Priority { get; }
```

Property Value

Int32

The priority of the subscription. The greater the number the earlier are pending notifications published to the client.

PublishingInterval

Gets a value indicating the interval used to publish recent data change and event notifications in milliseconds.

C#

```
public double PublishingInterval { get; }
```

Property Value

Double

The milliseconds used as the interval used for publishing.

PublishingIsEnabled

Gets a value indicating whether the publishing of data change and event notifications is enabled for this subscription.

C#

```
public bool PublishingIsEnabled { get; }
```

Property Value

Boolean

The value true if notifications are published to the client; otherwise the value false.

Session

Gets the session which owns this [OpcSubscription](#).

C#

```
public OpcSession Session { get; }
```

Property Value

[OpcSession](#)

An instance of the [OpcSession](#) class which owns this subscription.

Methods

Dispose()

Releases all resources used by the [OpcSubscription](#).

C#

```
public void Dispose()
```

Dispose(Boolean)

Releases the unmanaged resources used by the [OpcSubscription](#) and optionally releases the managed resources.

C#

```
protected virtual void Dispose(bool disposing)
```

Parameters

disposing [Boolean](#)

The value true to release both managed and unmanaged resources; otherwise the value false to release only unmanaged resources.

Operators

Explicit(OpcSubscription to Subscription)

Converts a [OpcSubscription](#) to an [Server.Subscription](#) object.

C#

```
[CLSCompliant(false)]  
public static explicit operator Subscription(OpcSubscription value)
```

Implicit(Subscription to OpcSubscription)

Converts a [Server.Subscription](#) to an [OpcSubscription](#) object.

C#

```
[CLSCompliant(false)]  
public static implicit operator OpcSubscription(Subscription value)
```

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