

OpcClientKeepAlive Class

Namespace: Opc.UaFx.Client

Assemblies: Opc.UaFx.Advanced.dll

Provides keep-alive options used by a client to monitor an established connection and recover from unexpected disconnection.

C#

```
public class OpcClientKeepAlive
```

Inheritance [Object](#) › [OpcClientKeepAlive](#)

Fields

Name	Description
DefaultInterval	Represents the default interval value that is used by the OpcClientKeepAlive as initial value of the Interval property.

Events

Name	Description
Updated	Occurs when a keep alive cycle completed and therefore the ServerState , Time , Exception and Status properties were updated accordingly.

Properties

Name	Description
Exception	Gets the exception information associated with the Status represented by the current OpcClientKeepAlive .
Interval	Gets or sets the interval to control the period within the client shall “ping” the server to test (= keep alive) whether the connection is still established and working.
IsActive	Gets a value indicating whether the keep alive mechanism is active and works on a healthy and established connection.
Message	Gets a value which describes the most recent outcome of the keep alive mechanism.
ServerState	Gets a value indicating the most recent known state of the server.
Status	Gets the status information associated with the most recent outcome of the keep alive operation.
Time	Gets the time at which the server did respond on the most recent sent keep alive message.

Methods

Name	Description
OnUpdated (EventArgs)	Raises the Updated event of the OpcClientKeepAlive .
ToString	Returns a string representing the most recent Time and Message offered by the most recent keep alive operation.

Name	Description
ToString(IFormatProvider)	Returns a string representing the most recent Time and Message offered by the most recent keep alive operation formatted using the provider specified.

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