

# OpcVariableValue<T> Members

**Namespace:** Opc.UaFx

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

The [OpcVariableValue<T>](#) type exposes the following members.

## Constructors

### OpcVariableValue(T)

Initializes a new instance of the [OpcVariableValue`1](#) class using the **value** specified.

**C#**

```
public OpcVariableValue(T value)
```

#### Parameters

**value** T

The value of the variable value represented.

### OpcVariableValue(T, DateTime)

Initializes a new instance of the [OpcVariableValue`1](#) class using the **value** and **timestamp** specified.

**C#**

```
public OpcVariableValue(T value, DateTime timestamp)
```

#### Parameters

**value** T

The value of the variable value represented.

**timestamp** DateTime

The time stamp of the variable value.

### OpcVariableValue(T, DateTime, OpcStatus)

Initializes a new instance of the [OpcVariableValue`1](#) class using the **value**, **timestamp** and **status** specified.

**C#**

```
public OpcVariableValue(T value, DateTime timestamp, OpcStatus status)
```

## Parameters

**value** T

The value of the variable value represented.

**timestamp** DateTime

The time stamp of the variable value.

**status** OpcStatus

The status associated with the variable value.

# OpcVariableValue(T, DateTime, OpcStatusCode)

Initializes a new instance of the `OpcVariableValue`1` class using the **value**, **timestamp** and **statusCode** specified.

## C#

```
[CLSCompliant(false)]
public OpcVariableValue(T value, DateTime timestamp, OpcStatusCode statusCode)
```

## Parameters

**value** T

The value of the variable value represented.

**timestamp** DateTime

The time stamp of the variable value.

**statusCode** OpcStatusCode

The `OpcStatusCode` form that the `OpcStatus` associated with the variable value is derived.

# Properties

## Status

Gets the status information associated with the variable value.

## C#

```
public OpcStatus Status { get; }
```

## Property Value

OpcStatus

An instance of the `OpcStatus` class containing the status information associated with the variable value.

# Timestamp

Gets the time stamp of the variable value.

## C#

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

## Property Value

Nullable<DateTime>

The [DateTime](#) identifying the time stamp of the value or a null reference (Nothing in Visual Basic) in case there is no time stamp associated with the variable value.

# Methods

## ToString()

Returns a string that represents the current [OpcVariableValue`1](#).

## C#

```
public override string ToString()
```

## Returns

[String](#)

A string that represents the current [OpcVariableValue`1](#) including the [Status](#), [Timestamp](#) (if available), [Attribute](#) and [Value](#).



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