

# OpcModifiedHistoryValue Class

**Namespace:** Opc.UaFx

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

**C#**

```
public class OpcModifiedHistoryValue : OpcHistoryValue, IFormattable, IComparable,
IComparable<OpcValue>, IEquatable<OpcValue>
```

**Inheritance** [Object](#) > [OpcValue](#) > [OpcHistoryValue](#) > [OpcModifiedHistoryValue](#)

**Implements** [IFormattable](#), [IComparable](#), [IComparable<OpcValue>](#), [IEquatable<OpcValue>](#)

## Constructors

Name	Description
<a href="#">OpcModifiedHistoryValue(Object, DateTime, OpcHistoryModificationInfo)</a>	
<a href="#">OpcModifiedHistoryValue(Object, DateTime, OpcStatus, OpcHistoryModificationInfo)</a>	
<a href="#">OpcModifiedHistoryValue(Object, DateTime, OpcStatusCode, OpcHistoryModificationInfo)</a>	

## Properties

Name	Description
<a href="#">DataType</a>	Gets the type of value represented. (Inherited from <a href="#">OpcValue</a> )
<a href="#">DataTypeId</a>	Gets the node identifier of the <a href="#">DataType</a> of the value represented. (Inherited from <a href="#">OpcValue</a> )
<a href="#">ModificationInfo</a>	
<a href="#">ModificationTime</a>	
<a href="#">ModificationType</a>	
<a href="#">ModificationUserName</a>	
<a href="#">Rank</a>	Gets the rank of the value represented. (Inherited from <a href="#">OpcValue</a> )
<a href="#">ServerPicoseconds</a>	Gets or sets the difference between a high resolution timestamp with a resolution of 10 picoseconds and the <a href="#">ServerTimestamp</a> which only has a 100 ns resolution. (Inherited from <a href="#">OpcValue</a> )
<a href="#">ServerTimestamp</a>	Gets or sets the timestamp at which the server recorded the value. (Inherited from <a href="#">OpcValue</a> )
<a href="#">SourcePicoseconds</a>	Gets or sets the difference between a high resolution timestamp with a resolution of 10 picoseconds and the <a href="#">SourceTimestamp</a> which only has a 100 ns resolution. (Inherited from <a href="#">OpcValue</a> )
<a href="#">SourceTimestamp</a>	Gets or sets the timestamp of the source from that the value originates. (Inherited from <a href="#">OpcValue</a> )
<a href="#">Status</a>	Gets the status information which defines the servers ability to access/provide the value. (Inherited from <a href="#">OpcValue</a> )
<a href="#">Timestamp</a>	

Name	Description
Timestamp	(Inherited from <a href="#">OpcHistoryValue</a> )
Value	Gets or sets the value represented. (Inherited from <a href="#">OpcValue</a> )

## Methods

Name	Description
<a href="#">As&lt;T&gt;()</a>	Retrieves the underlying <a href="#">Value</a> as the type specified by <a href="#">T</a> . (Inherited from <a href="#">OpcValue</a> )
<a href="#">AsValue&lt;T&gt;()</a>	Retrieves a new <a href="#">OpcValue&lt;T&gt;</a> instance its <a href="#">Value</a> is of the type specified by <a href="#">T</a> . (Inherited from <a href="#">OpcValue</a> )
<a href="#">CompareTo(Object)</a>	Compares the current <a href="#">OpcValue</a> with the <a href="#">other</a> . (Inherited from <a href="#">OpcValue</a> )
<a href="#">CompareTo(OpcHistoryValue)</a>	Compares the current <a href="#">OpcHistoryValue</a> with another <a href="#">OpcHistoryValue</a> . (Inherited from <a href="#">OpcHistoryValue</a> )
<a href="#">CompareTo(OpcModifiedHistoryValue)</a>	Compares the current <a href="#">OpcModifiedHistoryValue</a> with another <a href="#">OpcModifiedHistoryValue</a> .
<a href="#">CompareTo(OpcValue)</a>	Compares the current <a href="#">OpcValue</a> with another <a href="#">OpcValue</a> . (Inherited from <a href="#">OpcValue</a> )
<a href="#">Create(OpcValue)</a>	(Inherited from <a href="#">OpcHistoryValue</a> )
<a href="#">Create&lt;T&gt;(OpcVariableValue)</a>	(Inherited from <a href="#">OpcHistoryValue</a> )
<a href="#">CreateModified(OpcHistoryModificationInfo)</a>	(Inherited from <a href="#">OpcHistoryValue</a> )
<a href="#">CreateModified(OpcHistoryModificationInfo, Object)</a>	(Inherited from <a href="#">OpcHistoryValue</a> )
<a href="#">CreateModified(OpcHistoryModificationType)</a>	(Inherited from <a href="#">OpcHistoryValue</a> )
<a href="#">CreateModified(OpcHistoryModificationType, String)</a>	(Inherited from <a href="#">OpcHistoryValue</a> )
<a href="#">CreateModified(OpcHistoryModificationType, String, DateTime)</a>	(Inherited from <a href="#">OpcHistoryValue</a> )
<a href="#">CreateModified(OpcHistoryModificationType, String, DateTime, Object)</a>	(Inherited from <a href="#">OpcHistoryValue</a> )
<a href="#">Equals(Object)</a>	Determines whether the specified <a href="#">other</a> is equal to this <a href="#">OpcModifiedHistoryValue</a> .
<a href="#">Equals(Object)</a>	Determines whether the specified <a href="#">other</a> is equal to this <a href="#">OpcValue</a> . (Inherited from <a href="#">OpcValue</a> )
<a href="#">Equals(Object)</a>	Determines whether the specified <a href="#">other</a> is equal to this <a href="#">OpcHistoryValue</a> . (Inherited from <a href="#">OpcHistoryValue</a> )
<a href="#">Equals(OpcHistoryValue)</a>	Determines whether the specified <a href="#">other</a> is equal to this <a href="#">OpcHistoryValue</a> . (Inherited from <a href="#">OpcHistoryValue</a> )
<a href="#">Equals(OpcModifiedHistoryValue)</a>	Determines whether the specified <a href="#">other</a> is equal to this <a href="#">OpcModifiedHistoryValue</a> .
<a href="#">Equals(OpcValue)</a>	Determines whether the specified <a href="#">other</a> is equal to this <a href="#">OpcValue</a> . (Inherited from <a href="#">OpcValue</a> )
<a href="#">GetHashCode</a>	Retrieves a hash code for this <a href="#">OpcModifiedHistoryValue</a> .

Name	Description
GetHashCode	Retrieves a hash code for this <a href="#">OpcValue</a> . (Inherited from <a href="#">OpcValue</a> )
GetHashCode	Retrieves a hash code for this <a href="#">OpcHistoryValue</a> . (Inherited from <a href="#">OpcHistoryValue</a> )
ToString	Converts the value of this instance to its equivalent string representation. (Inherited from <a href="#">OpcValue</a> )
ToString	(Inherited from <a href="#">OpcHistoryValue</a> )
ToString(String, IFormatProvider)	Converts the value of this instance to its equivalent string representation using the specified format and culture-specific format information. (Inherited from <a href="#">OpcValue</a> )
ToString(String, IFormatProvider)	(Inherited from <a href="#">OpcHistoryValue</a> )

## Operators

Name	Description
op_Equality(OpcHistoryValue, OpHistoryValue)	Returns a value indicating whether two instance of <a href="#">OpcHistoryValue</a> are equal. (Inherited from <a href="#">OpcHistoryValue</a> )
op_Equality(OpcModifiedHistoryValue, OpModifiedHistoryValue)	Returns a value indicating whether two instance of <a href="#">OpcModifiedHistoryValue</a> are equal.
op_Equality(OpcValue, OpValue)	Returns a value indicating whether two instance of <a href="#">OpcValue</a> are equal. (Inherited from <a href="#">OpcValue</a> )
op_Explicit(Ua.DataValue)	Converts a <a href="#">OpcValue</a> to an <a href="#">DataValue</a> object. (Inherited from <a href="#">OpcValue</a> )
op_GreaterThan(OpcHistoryValue, OpHistoryValue)	Determines whether the first specified <a href="#">OpcHistoryValue</a> object is greater than the second specified <a href="#">OpcHistoryValue</a> object. (Inherited from <a href="#">OpcHistoryValue</a> )
op_GreaterThan(OpcModifiedHistoryValue, OpModifiedHistoryValue)	Determines whether the first specified <a href="#">OpcModifiedHistoryValue</a> object is greater than the second specified <a href="#">OpcModifiedHistoryValue</a> object.
op_GreaterThan(OpcValue, OpValue)	Determines whether the first specified <a href="#">OpcValue</a> object is greater than the second specified <a href="#">OpcValue</a> object. (Inherited from <a href="#">OpcValue</a> )
op_GreaterThanOrEqual(OpcHistoryValue, OpHistoryValue)	Determines whether the first specified <a href="#">OpcHistoryValue</a> object is greater than or equal to the second specified <a href="#">OpcHistoryValue</a> object. (Inherited from <a href="#">OpcHistoryValue</a> )
op_GreaterThanOrEqual(OpcModifiedHistoryValue, OpModifiedHistoryValue)	Determines whether the first specified <a href="#">OpcModifiedHistoryValue</a> object is greater than or equal to the second specified <a href="#">OpcModifiedHistoryValue</a> object.

Name	Description
op_GreaterThanOrEqual(OpcValue, OpcValue)	Determines whether the first specified <b>OpcValue</b> object is greater than or equal to the second specified <b>OpcValue</b> object. (Inherited from <b>OpcValue</b> )
op_Implicit(UaFx.OpcValue)	Converts a <b>Boolean</b> to an <b>OpcValue</b> object. (Inherited from <b>OpcValue</b> )
op_Implicit(UaFx.OpcValue)	Converts a <b>Byte</b> to an <b>OpcValue</b> object. (Inherited from <b>OpcValue</b> )
op_Implicit(UaFx.OpcValue)	Converts a <b>Char</b> to an <b>OpcValue</b> object. (Inherited from <b>OpcValue</b> )
op_Implicit(DataValue)~Opc.UaFx.OpcValue)	Converts a <b>DataValue</b> to an <b>OpcValue</b> object. (Inherited from <b>OpcValue</b> )
op_Implicit(UaFx.OpcValue)	Converts a <b>Decimal</b> to an <b>OpcValue</b> object. (Inherited from <b>OpcValue</b> )
op_Implicit(UaFx.OpcValue)	Converts a <b>Double</b> to an <b>OpcValue</b> object. (Inherited from <b>OpcValue</b> )
op_Implicit(UaFx.OpcValue)	Converts a <b>UInt16</b> to an <b>OpcValue</b> object. (Inherited from <b>OpcValue</b> )
op_Implicit(UaFx.OpcValue)	Converts a <b>Int32</b> to an <b>OpcValue</b> object. (Inherited from <b>OpcValue</b> )
op_Implicit(UaFx.OpcValue)	Converts a <b>UInt64</b> to an <b>OpcValue</b> object. (Inherited from <b>OpcValue</b> )
op_Implicit(Nullable)	Converts a null-able <b>Boolean</b> to an <b>OpcValue</b> object. (Inherited from <b>OpcValue</b> )
op_Implicit(Nullable)	Converts a null-able <b>Byte</b> to an <b>OpcValue</b> object. (Inherited from <b>OpcValue</b> )
op_Implicit(Nullable)	Converts a null-able <b>Char</b> to an <b>OpcValue</b> object. (Inherited from <b>OpcValue</b> )
op_Implicit(Nullable)	Converts a null-able <b>Decimal</b> to an <b>OpcValue</b> object. (Inherited from <b>OpcValue</b> )
op_Implicit(Nullable)	Converts a null-able <b>Double</b> to an <b>OpcValue</b> object. (Inherited from <b>OpcValue</b> )
op_Implicit(Nullable)	Converts a null-able <b>UInt16</b> to an <b>OpcValue</b> object. (Inherited from <b>OpcValue</b> )
op_Implicit(Nullable)	Converts a null-able <b>Int32</b> to an <b>OpcValue</b> object. (Inherited from <b>OpcValue</b> )
op_Implicit(Nullable)	Converts a null-able <b>UInt64</b> to an <b>OpcValue</b> object. (Inherited from <b>OpcValue</b> )
op_Implicit(Nullable)	Converts a null-able <b>SByte</b> to an <b>OpcValue</b> object. (Inherited from <b>OpcValue</b> )
op_Implicit(Nullable)	Converts a null-able <b>Single</b> to an <b>OpcValue</b> object. (Inherited from <b>OpcValue</b> )

Name	Description
op_Implicit(Nullable)	Converts a null-able <a href="#">UInt16</a> to an <a href="#">OpcValue</a> object. (Inherited from <a href="#">OpcValue</a> )
op_Implicit(Nullable)	Converts a null-able <a href="#">UInt32</a> to an <a href="#">OpcValue</a> object. (Inherited from <a href="#">OpcValue</a> )
op_Implicit(Nullable)	Converts a null-able <a href="#">UInt64</a> to an <a href="#">OpcValue</a> object. (Inherited from <a href="#">OpcValue</a> )
op_Implicit(UaFx.OpcValue)	Converts a <a href="#">SByte</a> to an <a href="#">OpcValue</a> object. (Inherited from <a href="#">OpcValue</a> )
op_Implicit(UaFx.OpcValue)	Converts a <a href="#">Single</a> to an <a href="#">OpcValue</a> object. (Inherited from <a href="#">OpcValue</a> )
op_Implicit(UaFx.OpcValue)	Converts a <a href="#">String</a> to an <a href="#">OpcValue</a> object. (Inherited from <a href="#">OpcValue</a> )
op_Implicit(UaFx.OpcValue)	Converts a <a href="#">UInt16</a> to an <a href="#">OpcValue</a> object. (Inherited from <a href="#">OpcValue</a> )
op_Implicit(UaFx.OpcValue)	Converts a <a href="#">UInt32</a> to an <a href="#">OpcValue</a> object. (Inherited from <a href="#">OpcValue</a> )
op_Implicit(UaFx.OpcValue)	Converts a <a href="#">UInt64</a> to an <a href="#">OpcValue</a> object. (Inherited from <a href="#">OpcValue</a> )
op_Implicit(Variant)~Opc.UaFx.OpcValue)	Converts a <a href="#">Variant</a> to an <a href="#">OpcValue</a> object. (Inherited from <a href="#">OpcValue</a> )
op_Inequality(OpcHistoryValue, OpcHistoryValue)	Returns a value indicating whether two instances of <a href="#">OpcHistoryValue</a> are not equal. (Inherited from <a href="#">OpcHistoryValue</a> )
op_Inequality(OpcModifiedHistoryValue, OpcModifiedHistoryValue)	Returns a value indicating whether two instances of <a href="#">OpcModifiedHistoryValue</a> are not equal.
op_Inequality(OpcValue, OpcValue)	Returns a value indicating whether two instances of <a href="#">OpcValue</a> are not equal. (Inherited from <a href="#">OpcValue</a> )
op_LessThan(OpcHistoryValue, OpcHistoryValue)	Determines whether the first specified <a href="#">OpcHistoryValue</a> object is less than the second specified <a href="#">OpcHistoryValue</a> object. (Inherited from <a href="#">OpcHistoryValue</a> )
op_LessThan(OpcModifiedHistoryValue, OpcModifiedHistoryValue)	Determines whether the first specified <a href="#">OpcModifiedHistoryValue</a> object is less than the second specified <a href="#">OpcModifiedHistoryValue</a> object.
op_LessThan(OpcValue, OpcValue)	Determines whether the first specified <a href="#">OpcValue</a> object is less than the second specified <a href="#">OpcValue</a> object. (Inherited from <a href="#">OpcValue</a> )
op_LessThanOrEqual(OpcHistoryValue, OpcHistoryValue)	Determines whether the first specified <a href="#">OpcHistoryValue</a> object is less than or equal to the second <a href="#">OpcHistoryValue</a> object. (Inherited from <a href="#">OpcHistoryValue</a> )
op_LessThanOrEqual(OpcModifiedHistoryValue, OpcModifiedHistoryValue)	Determines whether the first specified <a href="#">OpcModifiedHistoryValue</a> object is less than or equal to the second <a href="#">OpcModifiedHistoryValue</a> object.

Name	Description
<code>op_LessThanOrEqualTo(OpcValue, OpcValue)</code>	Determines whether the first specified <code>OpcValue</code> object is less than or equal to the second <code>OpcValue</code> object. (Inherited from <code>OpcValue</code> )

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