

IOpcNodeHistoryProvider Members

Namespace: Opc.UaFx.Server

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

The [IOpcNodeHistoryProvider](#) interface defines the following members.

Properties

Node

C#

```
OpcVariableNode Node { get; }
```

Property Value

[OpcVariableNode](#)

Methods

CreateHistory(OpcContext, OpcHistoryModificationInfo, OpcValueCollection)

C#

```
OpcStatusCollection CreateHistory(OpcContext context, OpcHistoryModificationInfo  
modificationInfo, OpcValueCollection values)
```

Parameters

context [OpcContext](#)

modificationInfo [OpcHistoryModificationInfo](#)

values [OpcValueCollection](#)

Returns

[OpcStatusCollection](#)

DeleteHistory(OpcContext, OpcHistoryModificationInfo, IEnumerable<DateTime>)

C#

```
OpcStatusCollection DeleteHistory(OpcContext context, OpcHistoryModificationInfo
modificationInfo, IEnumerable<DateTime> times)
```

Parameters

context OpcContext

modificationInfo OpcHistoryModificationInfo

times IEnumerable<DateTime>

Returns

OpcStatusCollection

DeleteHistory(OpcContext, OpcHistoryModificationInfo, Nullable<DateTime>, Nullable<DateTime>, OpcDeleteHistoryOptions)

C#

```
OpcStatusCollection DeleteHistory(OpcContext context, OpcHistoryModificationInfo
modificationInfo, DateTime? startTime, DateTime? endTime, OpcDeleteHistoryOptions options)
```

Parameters

context OpcContext

modificationInfo OpcHistoryModificationInfo

startTime Nullable<DateTime>

endTime Nullable<DateTime>

options OpcDeleteHistoryOptions

Returns

OpcStatusCollection

DeleteHistory(OpcContext, OpcHistoryModificationInfo, OpcValueCollection)

C#

```
OpcStatusCollection DeleteHistory(OpcContext context, OpcHistoryModificationInfo  
modificationInfo, OpcValueCollection values)
```

Parameters

context OpcContext

modificationInfo OpcHistoryModificationInfo

values OpcValueCollection

Returns

OpcStatusCollection

ReadHistory(OpcContext, Nullable<DateTime>, Nullable<DateTime>, OpcReadHistoryOptions)

C#

```
IEnumerable<OpcHistoryValue> ReadHistory(OpcContext context, DateTime? startTime, DateTime?  
endTime, OpcReadHistoryOptions options)
```

Parameters

context OpcContext

startTime Nullable<DateTime>

endTime Nullable<DateTime>

options [OpcReadHistoryOptions](#)

Returns

[IEnumerable](#)<[OpcHistoryValue](#)>

ReplaceHistory(OpcContext, OpcHistoryModificationInfo, OpcValueCollection)

C#

```
OpcStatusCollection ReplaceHistory(OpcContext context, OpcHistoryModificationInfo  
modificationInfo, OpcValueCollection values)
```

Parameters

context [OpcContext](#)

modificationInfo [OpcHistoryModificationInfo](#)

values [OpcValueCollection](#)

Returns

[OpcStatusCollection](#)

UpdateHistory(OpcContext, OpcHistoryModificationInfo, OpcValueCollection)

C#

```
OpcStatusCollection UpdateHistory(OpcContext context, OpcHistoryModificationInfo  
modificationInfo, OpcValueCollection values)
```

Parameters

context [OpcContext](#)

modificationInfo [OpcHistoryModificationInfo](#)

values [OpcValueCollection](#)

Returns

[OpcStatusCollection](#)

Table of Contents

Properties	1
Node	1
Methods	1
CreateHistory(OpcContext, OpcHistoryModificationInfo, OpcValueCollection)	1
DeleteHistory(OpcContext, OpcHistoryModificationInfo, IEnumerable<DateTime>)	2
DeleteHistory(OpcContext, OpcHistoryModificationInfo, Nullable<DateTime>, Nullable<DateTime>, OpcDeleteHistoryOptions)	2
DeleteHistory(OpcContext, OpcHistoryModificationInfo, OpcValueCollection)	3
ReadHistory(OpcContext, Nullable<DateTime>, Nullable<DateTime>, OpcReadHistoryOptions)	3
ReplaceHistory(OpcContext, OpcHistoryModificationInfo, OpcValueCollection)	4
UpdateHistory(OpcContext, OpcHistoryModificationInfo, OpcValueCollection)	4