

# OpcContext Members

**Namespace:** Opc.UaFx

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

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

## Properties

### Empty

Gets an empty [OpcContext](#) which can be used in cases where a session nor system specific context is not necessarily required.

**C#**

```
public static OpcContext Empty { get; }
```

#### Property Value

[OpcContext](#)

An instance of the [OpcContext](#) class without any contextual information.

### Identity

Gets the [OpcUserIdentity](#) which belongs to the situation represented.

**C#**

```
public OpcUserIdentity Identity { get; }
```

#### Property Value

[OpcUserIdentity](#)

The [OpcUserIdentity](#) which belongs to the situation represented or a null reference (Nothing in Visual Basic) if there is no identity information available.

### Namespaces

Gets a read-only collection of namespaces valid in the current [OpcContext](#).

**C#**

```
public OpcReadOnlyNamespaceCollection Namespaces { get; }
```

#### Property Value

## OpcReadOnlyNamespaceCollection

An instance of the [OpcReadOnlyNamespaceCollection](#) class with [OpcNamespace](#) items for each 'NamespaceUri' used to organize the nodes in an address space.

## NodeIdFactory

Gets the [OpcNodeIdFactory](#) used to create new node identifiers using this context.

**C#**

```
public OpcNodeIdFactory NodeIdFactory { get; }
```

### Property Value

[OpcNodeIdFactory](#)

The [OpcNodeIdFactory](#) used through this context or a null reference (Nothing in Visual Basic) if there is not node identifier factory associated with this context.

## Owner

Gets the owner of the current [OpcContext](#).

**C#**

```
public IopcApplicationInstance Owner { get; }
```

### Property Value

[IOpcApplicationInstance](#)

An instance implementing the [IOpcApplicationInstance](#) interface which has defined the current [OpcContext](#).

## PreferredLocales

Gets a collection of preferred locales (see [CultureInfo.Name](#)) to use to localize data and information.

**C#**

```
public virtual OpcLocaleCollection PreferredLocales { get; }
```

### Property Value

[OpcLocaleCollection](#)

An instance of the [OpcLocaleCollection](#) class with [CultureInfo.Names](#) of the cultures to use to localize data and information in order of this [OpcContext](#).

# SessionId

Gets the session identifier which identifies the session within that the context has been created and is valid.

## C#

```
public virtual OpcNodeId SessionId { get; }
```

## Property Value

### OpcNodeId

The [OpcNodeId](#) of the session.



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