

# IOpcTypeSystem Interface

**Namespace:** Opc.UaFx

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

Provides type information used within a specific scope of OPC UA.

**C#**

```
public interface IOpcTypeSystem : IOpcTypeProvider
```

**Implements** [GetType\(System\)](#), [GetType\(UaFx\)](#), [IOpcTypeProvider](#)

## Properties

| Name                               | Description                                                                                                                                                       |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">FallbackTypeSystem</a> | Gets the type system used as the fallback system to query type information which is referenced in the current <a href="#">IOpcTypeSystem</a> but is not declared. |
| <a href="#">IsEmpty</a>            | Gets a value indicating whether the current <a href="#">IOpcTypeSystem</a> represents a type system to use if there is no specific type system described.         |
| <a href="#">Scope</a>              | Gets the scope of types covered by the current <a href="#">IOpcTypeSystem</a> .                                                                                   |

## Methods

| Name                               | Description                                                                                                                                                                     |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">GetType(OpcName)</a>   | Retrieves the <a href="#">IOpcType</a> object which is known under the <b>name</b> specified.<br>(Inherited from <a href="#">IOpcTypeProvider</a> )                             |
| <a href="#">GetType(OpcNodeId)</a> | Retrieves the <a href="#">IOpcType</a> object which declares the type which is identified by the <b>typeId</b> specified.<br>(Inherited from <a href="#">IOpcTypeProvider</a> ) |
| <a href="#">GetType(String)</a>    | Retrieves the <a href="#">IOpcType</a> object which is known under the <b>name</b> specified.<br>(Inherited from <a href="#">IOpcTypeProvider</a> )                             |
| <a href="#">GetType(Type)</a>      | Retrieves the <a href="#">IOpcType</a> object which declares the type implemented by the <b>underlyingType</b> specified.<br>(Inherited from <a href="#">IOpcTypeProvider</a> ) |
| <a href="#">GetTypes</a>           | Retrieves all <a href="#">IOpcType</a> objects offered by the <a href="#">IOpcTypeProvider</a> .<br>(Inherited from <a href="#">IOpcTypeProvider</a> )                          |



# Table of Contents

|                   |   |
|-------------------|---|
| <b>Properties</b> | 1 |
| <b>Methods</b>    | 1 |