

# OpcApplicationConfiguration Members

**Namespace:** Opc.UaFx

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

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

## Constructors

### OpcApplicationConfiguration()

**C#**

```
public OpcApplicationConfiguration()
```

### OpcApplicationConfiguration(OpcApplicationType)

**C#**

```
public OpcApplicationConfiguration(OpcApplicationType applicationType)
```

#### Parameters

**applicationType** [OpcApplicationType](#)

## Methods

### LoadClientConfig(String)

**C#**

```
public static OpcApplicationConfiguration LoadClientConfig(string configSectionName)
```

#### Parameters

**configSectionName** [String](#)

#### Returns

[OpcApplicationConfiguration](#)

## Exceptions

[ArgumentNullException](#)

# LoadClientConfigFile(String)

C#

```
public static OpcApplicationConfiguration LoadClientConfigFile(string filePath)
```

## Parameters

`filePath` [String](#)

## Returns

[OpcApplicationConfiguration](#)

## Exceptions

[ArgumentNullException](#)

# LoadClientServerConfig(String)

C#

```
public static OpcApplicationConfiguration LoadClientServerConfig(string configSectionName)
```

## Parameters

`configSectionName` [String](#)

## Returns

[OpcApplicationConfiguration](#)

## Exceptions

[ArgumentNullException](#)

# LoadClientServerConfigFile(String)

C#

```
public static OpcApplicationConfiguration LoadClientServerConfigFile(string filePath)
```

## Parameters

filePath String

## Returns

OpcApplicationConfiguration

## Exceptions

ArgumentNullException

# LoadDiscoveryServerConfig(String)

C#

```
public static OpcApplicationConfiguration LoadDiscoveryServerConfig(string configSectionName)
```

## Parameters

configSectionName String

## Returns

OpcApplicationConfiguration

## Exceptions

ArgumentNullException

# LoadDiscoveryServerConfigFile(String)

C#

```
public static OpcApplicationConfiguration LoadDiscoveryServerConfigFile(string filePath)
```

### Parameters

filePath String

### Returns

OpcApplicationConfiguration

### Exceptions

ArgumentNullException

## LoadFromConfig(ApplicationType, String)

C#

```
public static OpcApplicationConfiguration LoadFromConfig(ApplicationType applicationType,  
string configSectionName)
```

### Parameters

applicationType ApplicationType

configSectionName String

### Returns

OpcApplicationConfiguration

### Exceptions

ArgumentNullException

## LoadFromConfigFile(ApplicationType, String)

C#

```
public static OpcApplicationConfiguration LoadFromConfigFile(ApplicationType  
applicationType, string filePath)
```

### Parameters

applicationType [ApplicationType](#)

filePath [String](#)

### Returns

[OpcApplicationConfiguration](#)

### Exceptions

[ArgumentNullException](#)

## LoadServerConfig(String)

C#

```
public static OpcApplicationConfiguration LoadServerConfig(string configSectionName)
```

### Parameters

configSectionName [String](#)

### Returns

[OpcApplicationConfiguration](#)

### Exceptions

[ArgumentNullException](#)

## LoadServerConfigFile(String)

C#

```
public static OpcApplicationConfiguration LoadServerConfigFile(string filePath)
```

## Parameters

filePath String

## Returns

OpcApplicationConfiguration

## Exceptions

ArgumentNullException

# Validate()

Ensures that the application configuration is valid.

## C#

```
public void Validate()
```

## Exceptions

OpcException

The configuration is invalid.

# Validate(OpcContext)

Ensures that the application configuration is valid.

## C#

```
public void Validate(OpcContext context)
```

## Parameters

context OpcContext

## Exceptions

## OpcException

The configuration is invalid.





# Table of Contents

|   |   |
|---|---|
| <b>Constructors</b>                             | 1 |
| OpcApplicationConfiguration()                   | 1 |
| OpcApplicationConfiguration(OpcApplicationType) | 1 |
| <b>Methods</b>                                  | 1 |
| LoadClientConfig(String)                        | 1 |
| LoadClientConfigFile(String)                    | 2 |
| LoadClientServerConfig(String)                  | 2 |
| LoadClientServerConfigFile(String)              | 3 |
| LoadDiscoveryServerConfig(String)               | 3 |
| LoadDiscoveryServerConfigFile(String)           | 3 |
| LoadFromConfig(ApplicationType, String)         | 4 |
| LoadFromConfigFile(ApplicationType, String)     | 4 |
| LoadServerConfig(String)                        | 5 |
| LoadServerConfigFile(String)                    | 5 |
| Validate()                                      | 6 |
| Validate(OpcContext)                            | 6 |