

# 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.





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