

OpcAccessControlList Members

Namespace: Opc.UaFx.Server

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

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

Constructors

`OpcAccessControlList(OpcServerBase, OpcAccessControlMode, OpcAccessControlMode)`

C#

```
protected OpcAccessControlList(OpcServerBase owner, OpcAccessControlMode  
operationAccessMode, OpcAccessControlMode endpointAccessMode)
```

Parameters

`owner` [OpcServerBase](#)

`operationAccessMode` [OpcAccessControlMode](#)

`endpointAccessMode` [OpcAccessControlMode](#)

Exceptions

[ArgumentNullException](#)

Properties

`EndpointAccessMode`

C#

```
public OpcAccessControlMode EndpointAccessMode { get; }
```

Property Value

[OpcAccessControlMode](#)

Entries

C#

```
public OpcAccessControlEntryReadOnlyCollection Entries { get; }
```

Property Value

OpcAccessControlEntryReadOnlyCollection

IsConfigured

C#

```
public virtual bool IsConfigured { get; }
```

Property Value

Boolean

IsEnabled

C#

```
public bool IsEnabled { get; set; }
```

Property Value

Boolean

OperationAccessMode

C#

```
public OpcAccessControlMode OperationAccessMode { get; }
```

Property Value

OpcAccessControlMode

Owner

C#

```
protected OpcServerBase Owner { get; }
```

Property Value

Methods

AddEntry(OpcPrincipal)

C#

```
public OpcAccessControlEntry AddEntry(OpcPrincipal principal)
```

Parameters

principal OpcPrincipal

Returns

OpcAccessControlEntry

Exceptions

ArgumentNullException

AddEntry(OpcPrincipal, OpcAccessControlMode)

C#

```
public OpcAccessControlEntry AddEntry(OpcPrincipal principal, OpcAccessControlMode  
operationAccessMode)
```

Parameters

principal OpcPrincipal

operationAccessMode OpcAccessControlMode

Returns

OpcAccessControlEntry

Exceptions

[ArgumentNullException](#)

AddEntry(OpcPrincipal, OpcAccessControlMode, OpcAccessControlMode)

C#

```
public OpcAccessControlEntry AddEntry(OpcPrincipal principal, OpcAccessControlMode operationAccessMode, OpcAccessControlMode endpointAccessMode)
```

Parameters

principal OpcPrincipal

operationAccessMode OpcAccessControlMode

endpointAccessMode OpcAccessControlMode

Returns

OpcAccessControlEntry

Exceptions

[ArgumentNullException](#)

Allow(OpcPrincipal, OpcOperationType)

C#

```
public void Allow(OpcPrincipal principal, OpcOperationType operation)
```

Parameters

principal OpcPrincipal

operation OpcOperationType

Exceptions

ArgumentNullException

Authenticate(Object)

C#

```
public abstract OpcPrincipal Authenticate(object identityToken)
```

Parameters

identityToken Object

Returns

OpcPrincipal

ConfigureCore()

C#

```
protected virtual void ConfigureCore()
```

Deny(OpcPrincipal, OpcOperationType)

C#

```
public void Deny(OpcPrincipal principal, OpcOperationType operation)
```

Parameters

principal OpcPrincipal

operation OpcOperationType

Exceptions

ArgumentNullException

Disable(OpcPrincipal, OpcEndpointIdentity)

C#

```
public void Disable(OpcPrincipal principal, OpcEndpointIdentity endpoint)
```

Parameters

`principal` OpcPrincipal

`endpoint` OpcEndpointIdentity

Exceptions

ArgumentNullException

Enable(OpcPrincipal, OpcEndpointIdentity)

C#

```
public void Enable(OpcPrincipal principal, OpcEndpointIdentity endpoint)
```

Parameters

`principal` OpcPrincipal

`endpoint` OpcEndpointIdentity

Exceptions

ArgumentNullException

IsEndpointDisabled(OpcPrincipal)

C#

```
public bool IsEndpointDisabled(OpcPrincipal principal)
```

Parameters

principal OpcPrincipal

Returns

Boolean

Exceptions

ArgumentNullException

IsEndpointDisabled(OpcPrincipal, OpcEndpointIdentity)

C#

```
public bool IsEndpointDisabled(OpcPrincipal principal, OpcEndpointIdentity endpoint)
```

Parameters

principal OpcPrincipal

endpoint OpcEndpointIdentity

Returns

Boolean

Exceptions

ArgumentNullException

IsEndpointEnabled(OpcPrincipal)

C#

```
public bool IsEndpointEnabled(OpcPrincipal principal)
```

Parameters

principal OpcPrincipal

Returns

Boolean

Exceptions

ArgumentNullException

IsEndpointEnabled(OpcPrincipal, OpcEndpointIdentity)

C#

```
public bool IsEndpointEnabled(OpcPrincipal principal, OpcEndpointIdentity endpoint)
```

Parameters

principal OpcPrincipal

endpoint OpcEndpointIdentity

Returns

Boolean

Exceptions

ArgumentNullException

IsOperationAllowed(OpcPrincipal, OpcOperationType)

C#

```
public bool IsOperationAllowed(OpcPrincipal principal, OpcOperationType operation)
```

Parameters

principal OpcPrincipal

operation OpcOperationType

Returns

Boolean

Exceptions

ArgumentNullException

IsOperationDenied(OpcPrincipal, OpcOperationType)

C#

```
public bool IsOperationDenied(OpcPrincipal principal, OpcOperationType operation)
```

Parameters

principal OpcPrincipal

operation OpcOperationType

Returns

Boolean

Exceptions

ArgumentNullException

RemoveEntry(OpcAccessControlEntry)

C#

```
public bool RemoveEntry(OpcAccessControlEntry entry)
```

Parameters

entry OpcAccessControlEntry

Returns

Boolean

Exceptions

ArgumentNullException

RemoveEntry(OpcPrincipal)

C#

```
public bool RemoveEntry(OpcPrincipal principal)
```

Parameters

principal OpcPrincipal

Returns

Boolean

Exceptions

ArgumentNullException

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