

OpcServerBase Class

Namespace: Opc.UaFx.Server

Assemblies: Opc.UaFx.Advanced.dll

C#

```
public abstract class OpcServerBase : OpcApplicationInstance<OpcTransport,
OpcServerSecurity>, IDisposable, IOpcApplicationInstance, IOpcNamespaceResolver
```

Inheritance [Object](#) > [OpcApplicationInstance<OpcTransport, OpcServerSecurity>](#) > [OpcServerBase](#)

Derived

- [OpcDiscoveryServer](#)
- [OpcServer](#)

Implements [IDisposable](#), [IOpcApplicationInstance](#), [IOpcNamespaceResolver](#)

Constructors

Name	Description
OpcServerBase(OpcServerType)	
OpcServerBase(OpcServerType, String)	
OpcServerBase(OpcServerType, Uri)	

Events

Name	Description
Started	
Starting	
StateChanged	Occurs when ever the State property has been changed to a different value.
Stopped	
Stopping	

Properties

Name	Description
Address	Gets or sets the (first) base address of the server.
Addresses	Gets a read-only collection of Uri instances representing the base addresses used by the server.
Binding	Gets the OpcServerBinding instance used to maintain the different binding options used by the server application.
Configuration	Gets or sets an instance of the OpcApplicationConfiguration class which is used as a low-level representation of the code/file based server application configuration.
Name	

Name	Description
Namespaces	Gets a read-only collection of namespaces used by the server.
State	Gets a value that indicates the current state of the server.

Methods

Name	Description
CreateConfiguration	
CreateSecurity	Creates a new instance of the OpcServerSecurity class.
CreateTransport	Creates a new instance of the OpcTransport class.
DenyIfNotStarted	Verifies whether the server is in started state.
Dispose(Boolean)	Releases the unmanaged resources used by the OpcServerBase and optionally releases the managed resources.
GetInfo	
GetInfoCore	
OnStarted(EventArgs)	
OnStarting(EventArgs)	
OnStateChanged(OpcServerStateChangedEventArgs)	
OnStopped(EventArgs)	
OnStopping(EventArgs)	
RegisterAddress(String)	Registers the address specified as one of the base addresses used by the server.
RegisterAddress(Uri)	Registers the address specified as one of the base addresses used by the server.
Resume	
ResumeCore	
Setup(OpcApplicationConfiguration)	
Start	
StartCore(OpcApplicationConfiguration)	
Stop	
StopCore	
Suspend	
SuspendCore	
UnregisterAddress(String)	Unregisters the address specified from the list of base addresses used by the server.
UnregisterAddress(Uri)	Unregisters the address specified from the list of base addresses used by the server.

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