

Namespace AkiraNetwork.VirtualStorage Library

▼ Filter by title

Classes

- **AkiraNetwork.VirtualStorage**

VirtualCycleDetector

(AkiraNetwork.VirtualStorageLibrary.VirtualCycleDetector.html)

ActionNodeDelegate

(AkiraNetwork.VirtualStorageLibrary.

VirtualDirectory (AkiraNetwork.VirtualStorageLibrary.VirtualDirectory.html)

仮想アカイナウorkバストアリヤーのディレクトリ内にはノードを格納することができます。

1.html)

IVirtualWildcardMatcher

VirtualDirectoryAdapter<T>

(AkiraNetwork.VirtualStorageLibrary.VirtualDirectoryAdapter-1.html)

ActionNodeDelegate

VirtualException (AkiraNetwork.VirtualStorageLibrary.VirtualException.html)

(AkiraNetwork.VirtualStorageLibrary.

VirtualCycleDetector

VirtualGroupCondition<T, TKey>

(AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition-2.html)

(AkiraNetwork.VirtualStorageLibrary.

VirtualDirectory

(AkiraNetwork.VirtualStorageLibrary.

VirtualDirectoryAdapter<T>

(AkiraNetwork.VirtualStorageLibrary.

VirtualException

(AkiraNetwork.VirtualStorageLibrary.

VirtualItemAdapter<T> (AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter-1.html)

2.html)

VirtualID

VirtualItem<T> (AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html)

VirtualItem

Represents an item with data of a user-defined type T in the virtual storage.

(AkiraNetwork.VirtualStorageLibrary.

VirtualItemAdapter<T>

VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)

1.html)

Represents an abstract class for nodes.

VirtualItem<T>

(AkiraNetwork.VirtualStorageLibrary.

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeContext.html)

(AkiraNetwork.VirtualStorageLibrary.

VirtualNodeContext

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions.html)

(AkiraNetwork.VirtualStorageLibrary.

VirtualNodeName ([AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html](#))

VirtualNodeNotFoundException

([AkiraNetwork.VirtualStorageLibrary.VirtualNodeNotFoundException.html](#))

▼

VirtualPath ([AkiraNetwork.VirtualStorageLibrary.VirtualPath.html](#))

- [AkiraNetwork.VirtualStorage](#)

VirtualSortCondition <T>

([AkiraNetwork.VirtualStorageLibrary.VirtualSortCondition-1.html](#))

ActionNodeDelegate

([AkiraNetwork.VirtualStorageLibrary](#))

VirtualStorageExtensions

([AkiraNetwork.VirtualStorageLibrary.VirtualDeepCloneable-1.html](#))

([AkiraNetwork.VirtualStorageLibrary](#))

1.html)

VirtualStorageSettings

([AkiraNetwork.VirtualStorageLibrary.VirtualStorageSettings.html](#))

NotifyNodeDelegate

([AkiraNetwork.VirtualStorageLibrary](#))

VirtualStorageState ([AkiraNetwork.VirtualStorageLibrary.VirtualStorageState.html](#))

([AkiraNetwork.VirtualStorageLibrary](#))

VirtualCycleDetector

VirtualStorage <T> ([AkiraNetwork.VirtualStorageLibrary.VirtualStorage-1.html](#))

([AkiraNetwork.VirtualStorageLibrary](#))

VirtualDirectory

([AkiraNetwork.VirtualStorageLibrary](#))

VirtualSymbolicLink

([AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink.html](#))

([AkiraNetwork.VirtualStorageLibrary](#))

1.html)

VirtualSymbolicLinkAdapter <T>

([AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLinkAdapter-1.html](#))

VirtualGroupCondition <T, TKey>

([AkiraNetwork.VirtualStorageLibrary](#))

Structs

VirtualID

([AkiraNetwork.VirtualStorageLibrary](#))

VirtualID ([AkiraNetwork.VirtualStorageLibrary.VirtualID.html](#))

VirtualItem

([AkiraNetwork.VirtualStorageLibrary](#))

VirtualItemAdapter <T>

([AkiraNetwork.VirtualStorageLibrary](#))

1.html)

VirtualItem <T>

([AkiraNetwork.VirtualStorageLibrary](#))

1.html)

VirtualNode

([AkiraNetwork.VirtualStorageLibrary](#))

IVirtualDeepCloneable <T>

([AkiraNetwork.VirtualStorageLibrary.IVirtualDeepCloneable-1.html](#))

([AkiraNetwork.VirtualStorageLibrary](#))

VirtualNodeExtensions

IVirtualWildcardMatcher

(AkiraNetwork.VirtualStorageLibrary.IVirtualWildcardMatcher.html)

Enums



VirtualNodeType (AkiraNetwork.VirtualStorageLibrary.VirtualNodeType.html)

Specifies the types of virtual nodes.

- [AkiraNetwork.VirtualStorage](#)

Library

VirtualNodeTypeFilter (AkiraNetwork.VirtualStorageLibrary.VirtualNodeTypeFilter.html)

ActionNodeDelegate

Specifies the filter for virtual node types.

IVirtualDeepCloneable<T>

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeTypeFilter.html)

Delegates

IVirtualWildcardMatcher

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeTypeFilter.html)

ActionNodeDelegate

(AkiraNetwork.VirtualStorageLibrary.ActionNodeDelegate.html)

NotifyNodeDelegate

(AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate.html)

NotifyNodeDelegate

(AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate.html)

VirtualDirectory

PatternMatch (AkiraNetwork.VirtualStorageLibrary.PatternMatch.html)

VirtualDirectoryAdapter<T>

(AkiraNetwork.VirtualStorageLibrary.PatternMatch.html)

1.html

VirtualException

(AkiraNetwork.VirtualStorageLibrary.PatternMatch.html)

VirtualGroupCondition<T, TKey>

(AkiraNetwork.VirtualStorageLibrary.PatternMatch.html)

2.html

VirtualID

(AkiraNetwork.VirtualStorageLibrary.PatternMatch.html)

VirtualItem

(AkiraNetwork.VirtualStorageLibrary.PatternMatch.html)

VirtualItemAdapter<T>

(AkiraNetwork.VirtualStorageLibrary.PatternMatch.html)

1.html

VirtualItem<T>

(AkiraNetwork.VirtualStorageLibrary.PatternMatch.html)

1.html

VirtualNode

(AkiraNetwork.VirtualStorageLibrary.PatternMatch.html)

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary.PatternMatch.html)

VirtualNodeExtensions

Delegate ActionNodeDelegate

Namespace: AkiraNetwork (AkiraNetwork.html).VirtualStorageLibrary (AkiraNetwork.VirtualStorageLibrary.html)

Assembly: VirtualStorageLibrary.dll

Syntax

- AkiraNetwork.VirtualStorage

```
public delegate bool ActionNodeDelegate(VirtualDirectory parentDirectory, VirtualNodeName no  
deName, VirtualPath nodePath)  
(AkiraNetwork.VirtualStorage)
```

ActionNodeDelegate

Parameters

(AkiraNetwork.VirtualStorageLibrar

Type	Name	Description
IVirtualDeepCloneable<T> (AkiraNetwork.VirtualStorageLibrar		
VirtualDirectory (AkiraNetwork.VirtualStorageLibrary.VirtualDirectory.html)	parentDirectory	
IVirtualWildcardMatcher VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html) (AkiraNetwork.VirtualStorageLibrar	nodeName	
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	nodePath	

(AkiraNetwork.VirtualStorageLibrar

Returns

PatternMatch

Type	Description
VirtualCycleDetector bool (AkiraNetwork.VirtualStorageLibrary.html#AkiraNetwork_VirtualStorageLibrary_utilities_VirtualCycleDetector)	

VirtualDirectory

(AkiraNetwork.VirtualStorageLibrar

VirtualDirectoryAdapter<T>
(AkiraNetwork.VirtualStorageLibrar

VirtualTextFormatter.GenerateSingleTableDebugText<T>(T)

(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utils
ies_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_)

VirtualGroupCondition<T, TKey>

(AkiraNetwork.VirtualStorageLibrar

2.html)

VirtualID

(AkiraNetwork.VirtualStorageLibrar

VirtualItem

(AkiraNetwork.VirtualStorageLibrar

VirtualItemAdapter<T>

(AkiraNetwork.VirtualStorageLibrar

1.html)

VirtualItem<T>

(AkiraNetwork.VirtualStorageLibrar

1.html)

VirtualNode

(AkiraNetwork.VirtualStorageLibrar

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrar

VirtualNodeExtensions

Interface IVirtualDeepCloneable<T>

Namespace: AkiraNetwork (AkiraNetwork.html).VirtualStorageLibrary (AkiraNetwork.VirtualStorageLibrary.html)

Assembly: VirtualStorageLibrary.dll

Syntax

AkiraNetwork.VirtualStorage

Library

public interface IVirtualDeepCloneable<T>
(AkiraNetwork.VirtualStorageLibrary

ActionNodeDelegate

Type Parameters

Name	Description
IVirtualDeepCloneable<T>	(AkiraNetwork.VirtualStorageLibrary

T
1.html)

IVirtualWildcardMatcher

(AkiraNetwork.VirtualStorageLibrary

NotifyNodeDelegate

(AkiraNetwork.VirtualStorageLibrary

PatternMatch

(AkiraNetwork.VirtualStorageLibrary

VirtualCycleDetector

(AkiraNetwork.VirtualStorageLibrary

Declaration

VirtualDirectory

(AkiraNetwork.VirtualStorageLibrary

IVirtualDeepCloneable<T>(bool recursive = false)

(AkiraNetwork.VirtualStorageLibrary

1.html)

Parameters

VirtualException

Type

AkiraNetwork.VirtualStorageLibrary

Name

Description

VirtualGroupCondition<T, TKey>	
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	recursive
(AkiraNetwork.VirtualStorageLibrary	

2.html)

Returns

VirtualID

Type

AkiraNetwork.VirtualStorageLibrary

Description

VirtualItem	
T	(AkiraNetwork.VirtualStorageLibrary

VirtualItemAdapter<T>

(AkiraNetwork.VirtualStorageLibrary

Extension Methods

VirtualTextFormatter.GenerateSingleTableDebugText<T>(T)

(AkiraNetwork.VirtualStorageLibrary

(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utilities_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_)

s_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_

VirtualNode

(AkiraNetwork.VirtualStorageLibrary

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary

▼

- **AkiraNetwork.VirtualStorage**
Library
(AkiraNetwork.VirtualStorage)

ActionNodeDelegate
(AkiraNetwork.VirtualStorageLibrary)
IVirtualDeepCloneable<T>
(AkiraNetwork.VirtualStorageLibrary)
1.html)
IVirtualWildcardMatcher
(AkiraNetwork.VirtualStorageLibrary)
NotifyNodeDelegate
(AkiraNetwork.VirtualStorageLibrary)
PatternMatch
(AkiraNetwork.VirtualStorageLibrary)
VirtualCycleDetector
(AkiraNetwork.VirtualStorageLibrary)
VirtualDirectory
(AkiraNetwork.VirtualStorageLibrary)
VirtualDirectoryAdapter<T>
(AkiraNetwork.VirtualStorageLibrary)
1.html)
VirtualException
(AkiraNetwork.VirtualStorageLibrary)
VirtualGroupCondition<T, TKey>
(AkiraNetwork.VirtualStorageLibrary)
2.html)
VirtualID
(AkiraNetwork.VirtualStorageLibrary)
VirtualItem
(AkiraNetwork.VirtualStorageLibrary)
VirtualItemAdapter<T>
(AkiraNetwork.VirtualStorageLibrary)
1.html)
VirtualItem<T>
(AkiraNetwork.VirtualStorageLibrary)
1.html)
VirtualNode
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeContext
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeExtensions
(AkiraNetwork.VirtualStorageLibrary)

Interface IVirtualWildcardMatcher

Namespace: AkiraNetwork (AkiraNetwork.html).VirtualStorageLibrary (AkiraNetwork.VirtualStorageLibrary.html)

Assembly: VirtualStorageLibrary.dll

Syntax

Library

(AkiraNetwork.VirtualStorage)

```
public interface IVirtualWildcardMatcher
{
    ActionNodeDelegate
    (AkiraNetwork.VirtualStorageLibrary)
    IVirtualDeepCloneable<T>
    (AkiraNetwork.VirtualStorageLibrary)
```

Properties

IVirtualWildcardMatcher

(AkiraNetwork.VirtualStorageLibrary)

Count

ActionNodeDelegate

(AkiraNetwork.VirtualStorageLibrary)

Declaration

PatternMatch

(AkiraNetwork.VirtualStorageLibrary)

```
int Count { get; }
```

(AkiraNetwork.VirtualStorageLibrary)

VirtualCycleDetector

(AkiraNetwork.VirtualStorageLibrary)

Property Value

(AkiraNetwork.VirtualStorageLibrary)

Description

Type

VirtualDirectoryAdapter<T>

(AkiraNetwork.VirtualStorageLibrary)

int (https://learn.microsoft.com/dotnet/api/system.int32)

1.html)

VirtualException

(AkiraNetwork.VirtualStorageLibrary)

Patterns

VirtualGroupCondition<T, TKey>

(AkiraNetwork.VirtualStorageLibrary)

Declaration

2.html)

VirtualID

```
IEnumerable<string> Patterns { get; }
```

(AkiraNetwork.VirtualStorageLibrary)

VirtualItem

(AkiraNetwork.VirtualStorageLibrary)

Property Value

VirtualItemAdapter<T>

(AkiraNetwork.VirtualStorageLibrary)

Description

IEnumerator<T> (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerator-1)

<VirtualItem> (https://learn.microsoft.com/dotnet/api/system.string)>

(AkiraNetwork.VirtualStorageLibrary)

1.html)

VirtualNode

(AkiraNetwork.VirtualStorageLibrary)

WildcardDictionary

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeExtensions

```
ReadOnlyDictionary<string, string> WildcardDictionary { get; }
```

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeListConditions

Property Value

Type	Description
ReadOnlyDictionary (https://learn.microsoft.com/dotnet/api/system.collections.objectmodel.readonlydictionary-2) <string (https://learn.microsoft.com/dotnet/api/system.string), string (https://learn.microsoft.com/dotnet/api/system.string)>	

Library

(AkiraNetwork.VirtualStorage)

Wildcards

ActionNodeDelegate

(AkiraNetwork.VirtualStorageLibrary)

Declaration

IVirtualDeepCloneable<T>

(AkiraNetwork.VirtualStorageLibrary)
IEnumerable<string> Wildcards { get; }
[1.html](#)

IVirtualWildcardMatcher

Properties

(AkiraNetwork.VirtualStorageLibrary)

NotifyNodeDelegate

(AkiraNetwork.VirtualStorageLibrary)

IEnumerable<string> (<https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1>)<
string (<https://learn.microsoft.com/dotnet/api/system.string>)>

VirtualCycleDetector

(AkiraNetwork.VirtualStorageLibrary)

VirtualDirectory

(AkiraNetwork.VirtualStorageLibrary)

VirtualDirectoryAdapter<T>

(AkiraNetwork.VirtualStorageLibrary)

[1.html](#)

PatternMatcher(string, string)

VirtualException

Declaration

(AkiraNetwork.VirtualStorageLibrary)

VirtualGroupCondition<T, TKey>

(AkiraNetwork.VirtualStorageLibrary)
bool (<https://learn.microsoft.com/dotnet/api/system.boolean>)
[2.html](#)

VirtualID

Parameters

(AkiraNetwork.VirtualStorageLibrary)

Type

VirtualItem

(AkiraNetwork.VirtualStorageLibrary)

string (<https://learn.microsoft.com/dotnet/api/system.string>)

VirtualItemAdapter<T>

(AkiraNetwork.VirtualStorageLibrary)

[1.html](#)

VirtualItem<T>

(AkiraNetwork.VirtualStorageLibrary)

Type

[.html](#)

VirtualNode

bool (<https://learn.microsoft.com/dotnet/api/system.boolean>)

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeListConditions

Name

Description

nodeName

pattern

Description

Extension Methods

VirtualTextFormatter.GenerateSingleTableDebugText<T>(T)
(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utils
s_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_)



Library

(AkiraNetwork.VirtualStorageL

ActionNodeDelegate
(AkiraNetwork.VirtualStorageLibrary
IVirtualDeepCloneable<T>
(AkiraNetwork.VirtualStorageLibrary
1.html)
IVirtualWildcardMatcher
(AkiraNetwork.VirtualStorageLibrary
NotifyNodeDelegate
(AkiraNetwork.VirtualStorageLibrary
PatternMatch
(AkiraNetwork.VirtualStorageLibrary
VirtualCycleDetector
(AkiraNetwork.VirtualStorageLibrary
VirtualDirectory
(AkiraNetwork.VirtualStorageLibrary
VirtualDirectoryAdapter<T>
(AkiraNetwork.VirtualStorageLibrary
1.html)
VirtualException
(AkiraNetwork.VirtualStorageLibrary
VirtualGroupCondition<T, TKey>
(AkiraNetwork.VirtualStorageLibrary
2.html)
VirtualID
(AkiraNetwork.VirtualStorageLibrary
VirtualItem
(AkiraNetwork.VirtualStorageLibrary
VirtualItemAdapter<T>
(AkiraNetwork.VirtualStorageLibrary
1.html)
VirtualItem<T>
(AkiraNetwork.VirtualStorageLibrary
1.html)
VirtualNode
(AkiraNetwork.VirtualStorageLibrary
VirtualNodeContext
(AkiraNetwork.VirtualStorageLibrary
VirtualNodeExtensions
(AkiraNetwork.VirtualStorageLibrary
VirtualNodeListConditions

Delegate NotifyNodeDelegate

Namespace: AkiraNetwork (AkiraNetwork.html).VirtualStorageLibrary (AkiraNetwork.VirtualStorageLibrary.html)

Assembly: VirtualStorageLibrary.dll

Syntax

(AkiraNetwork.VirtualStorageLibrary)

```
ActionNodeDelegate  
public delegate void NotifyNodeDelegate(VirtualPath path, VirtualNode? node)  
(AkiraNetwork.VirtualStorageLibrary)
```

IVirtualDeepCloneable<T>

Parameters

(AkiraNetwork.VirtualStorageLibrary)

Type	Name	Description
IVirtualWildcardMatcher		
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	path	

NotifyNodeDelegate
(VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html))

PatternMatch

(AkiraNetwork.VirtualStorageLibrary)

VirtualCycleDetector

(AkiraNetwork.VirtualStorageLibrary)

VirtualTextFormatter.GenerateSingleTableDebugText<T>(T)
(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utilities_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_)

VirtualDirectoryAdapter<T>

(AkiraNetwork.VirtualStorageLibrary)

1.html

VirtualException

(AkiraNetwork.VirtualStorageLibrary)

VirtualGroupCondition<T, TKey>

(AkiraNetwork.VirtualStorageLibrary)

2.html

VirtualID

(AkiraNetwork.VirtualStorageLibrary)

VirtualItem

(AkiraNetwork.VirtualStorageLibrary)

VirtualItemAdapter<T>

(AkiraNetwork.VirtualStorageLibrary)

1.html

VirtualItem<T>

(AkiraNetwork.VirtualStorageLibrary)

1.html

VirtualNode

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeExtensions

Extension Methods

Delegate PatternMatch

Namespace: AkiraNetwork (AkiraNetwork.html).VirtualStorageLibrary (AkiraNetwork.VirtualStorageLibrary.html)

Assembly: VirtualStorageLibrary.dll

Syntax

```
ActionNodeDelegate  
(AkiraNetwork.VirtualStorageLibrary  
public delegate bool PatternMatch(string nodeName, string pattern)  
IVirtualDeepCloneable<T>  
(AkiraNetwork.VirtualStorageLibrary)
```

Parameters

Type	Name	Description
IVirtualWildcardMatcher (AkiraNetwork.VirtualStorageLibrary string (https://learn.microsoft.com/dotnet/api/system.string)	nodeName	
string (https://learn.microsoft.com/dotnet/api/system.string) PatternMatch (AkiraNetwork.VirtualStorageLibrary)	pattern	

Returns

Type	Description
VirtualCycleDetector (AkiraNetwork.VirtualStorageLibrary)	

Extension Methods

VirtualException VirtualTextFormatter.GenerateSingleTableDebugText<T>(T) (AkiraNetwork.VirtualStorageLibrary (AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utils VirtualGroupCondition<T, TKey> s_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_) (AkiraNetwork.VirtualStorageLibrary 2.html)	
VirtualID (AkiraNetwork.VirtualStorageLibrary)	
VirtualItem (AkiraNetwork.VirtualStorageLibrary)	
VirtualItemAdapter<T> (AkiraNetwork.VirtualStorageLibrary 1.html)	
VirtualItem<T> (AkiraNetwork.VirtualStorageLibrary 1.html)	
VirtualNode (AkiraNetwork.VirtualStorageLibrary)	
VirtualNodeContext (AkiraNetwork.VirtualStorageLibrary)	
VirtualNodeExtensions (AkiraNetwork.VirtualStorageLibrary)	
VirtualNodeListConditions (AkiraNetwork.VirtualStorageLibrary)	
VirtualNodeName (AkiraNetwork.VirtualStorageLibrary)	

Class VirtualCycleDetector

Inheritance

↳ [Object](#) (<https://learn.microsoft.com/dotnet/api/system.object>)

↳ [VirtualCycleDetector](#)
([AkiraNetwork.VirtualStorageLibrary](#))

Inherited Members

[VirtualDeepCloneable<T>](#)

[Object.Equals](#) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-object\)html](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-object)html))

[Object.Equals\(Object\)](#) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-object\)html](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-object)html))

[Object.GetHashCode](#) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)

[Object.GetType](#) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)

[Object.MemberwiseClone](#) () (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)

[Object.ReferenceEquals](#) ([VirtualCycleDetector](#)) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)

[Object.ToString](#) () (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

([AkiraNetwork.VirtualStorageLibrary](#))

Namespace: [AkiraNetwork](#) ([AkiraNetwork.html](#)).[VirtualStorageLibrary](#) ([AkiraNetwork.VirtualStorageLibrary.html](#))

[VirtualDirectory](#)

Assembly: [VirtualStorageLibrary.dll](#)
([AkiraNetwork.VirtualStorageLibrary](#))

Syntax

```
VirtualDirectoryAdapter<T>
  (AkiraNetwork.VirtualStorageLibrary)
public class VirtualCycleDetector
  VirtualException
  (AkiraNetwork.VirtualStorageLibrary)
  VirtualGroupCondition<T, TKey>
  (AkiraNetwork.VirtualStorageLibrary)
  2.html)
```

Constructors

VirtualCycleDetector()

([AkiraNetwork.VirtualStorageLibrary](#))

Declaration

```
VirtualItem
  (AkiraNetwork.VirtualStorageLibrary)
VirtualItemAdapter<T>
  public VirtualCycleDetector()
  (AkiraNetwork.VirtualStorageLibrary)
  1.html)
```

```
VirtualItem<T>
  (AkiraNetwork.VirtualStorageLibrary)
```

Properties

VirtualNode

([AkiraNetwork.VirtualStorageLibrary](#))

Count

VirtualNodeContext

([AkiraNetwork.VirtualStorageLibrary](#))

Declaration

```
VirtualNodeExtensions
```

([AkiraNetwork.VirtualStorageLibrary](#))

```
public int Count { get; }
```

```
VirtualNodeListConditions
```

([AkiraNetwork.VirtualStorageLibrary](#))

Property Value

VirtualNodeName

([AkiraNetwork.VirtualStorageLibrary](#))

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

CycleDictionary

Declaration

```
(AkiraNetwork.VirtualStorageLibrary)
    IVirtualDeepCloneable<T>
    public Dictionary<VirtualID, VirtualSymbolicLink> CycleDictionary { get; }
(AkiraNetwork.VirtualStorageLibrary)
1.html)
```

Properties

Value

Type	Description
NotifyNodeDelegate	
Dictionary<VirtualID, VirtualSymbolicLink>	(AkiraNetwork.VirtualStorageLibrary) https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2) <VirtualPattern>(AkiraNetwork.VirtualStorageLibrary.VirtualID.html),<VirtualSymbolicLink>(AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink.html)>

VirtualCycleDetector
(AkiraNetwork.VirtualStorageLibrary)

VirtualDirectory
(AkiraNetwork.VirtualStorageLibrary)
VirtualDirectoryAdapter<T>
(AkiraNetwork.VirtualStorageLibrary)

1.html)
VirtualException

Declaration

Type	Description
VirtualGroupCondition<T, TKey>	(AkiraNetwork.VirtualStorageLibrary)
VirtualID	(AkiraNetwork.VirtualStorageLibrary)

2.html)
VirtualID
(AkiraNetwork.VirtualStorageLibrary)

IsNodeInCycle(VirtualSymbolicLink)

Type	Description
VirtualItemAdapter<T>	(AkiraNetwork.VirtualStorageLibrary)
VirtualItem<T>	(AkiraNetwork.VirtualStorageLibrary)

public bool IsNodeInCycle(VirtualSymbolicLink link)

1.html)
VirtualNode
(AkiraNetwork.VirtualStorageLibrary)

Type	Name	Description
VirtualNode	link	

VirtualSymbolicLink
(AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink.html)

VirtualNodeContext
(AkiraNetwork.VirtualStorageLibrary)

Returns
VirtualNodeExtensions

Type
(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeListConditions
bool (<https://learn.microsoft.com/dotnet/api/system.boolean>)

VirtualNodeName
(AkiraNetwork.VirtualStorageLibrary)

Extension Methods

VirtualTextFormatter.GenerateSingleTableDebugText<T>(T)
(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utils
s_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_)

▼

(AkiraNetwork.VirtualStorageLibrary.IVirtualDeepCloneable<T>
(AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate
1.html)
IVirtualWildcardMatcher
(AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate
NotifyNodeDelegate
(AkiraNetwork.VirtualStorageLibrary.PatternMatch
PatternMatch
(AkiraNetwork.VirtualStorageLibrary.VirtualCycleDetector
VirtualCycleDetector
(AkiraNetwork.VirtualStorageLibrary.VirtualDirectory
VirtualDirectory
(AkiraNetwork.VirtualStorageLibrary.VirtualDirectoryAdapter<T>
(AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition<T, TKey>
1.html)
VirtualException
(AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition<T, TKey>
VirtualGroupCondition<T, TKey>
(AkiraNetwork.VirtualStorageLibrary.VirtualItem
2.html)
VirtualID
(AkiraNetwork.VirtualStorageLibrary.VirtualItem
VirtualItem
(AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter<T>
(AkiraNetwork.VirtualStorageLibrary.VirtualItem<T>
1.html)
VirtualItem<T>
(AkiraNetwork.VirtualStorageLibrary.VirtualItem<T>
1.html)
VirtualNode
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeContext
VirtualNodeContext
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions
VirtualNodeExtensions
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeListConditions
VirtualNodeListConditions
(AkiraNetwork.VirtualStorageLibrary.VirtualnodeName
VirtualnodeName
(AkiraNetwork.VirtualStorageLibrary.VirtualnodeName
VirtualnodeName)

Class VirtualDirectory

仮想ディレクトリを表すクラスです。ディレクトリ内にはノードを格納することができます。

▼ Filter by title

Inheritance

IVirtualDeepCloneable<T>

↳ object (https://learn.microsoft.com/dotnet/api/system.object)

(AkiraNetwork.VirtualStorageLibrary

.VirtualNode.html)

↳ VirtualDirectory

VirtualWildcardMatcher

Implementation

AkiraNetwork.VirtualStorageLibrary

NotifyNodeDelegate

IVirtualDeepCloneable (AkiraNetwork.VirtualStorageLibrary.IVirtualDeepCloneable-1.html) <VirtualNode

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)

PatternMatch

IEnumerator<T> (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1) <VirtualNode

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)

VirtualNodeDetector

IEnumerable<T> (https://learn.microsoft.com/dotnet/api/system.collections.ienumerable)

(AkiraNetwork.VirtualStorageLibrary

Inherited Members

VirtualDirectory

AkiraNetwork.VirtualStorageLibrary

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_Name)

Virtu

VirtualNodeCreatedDataStorageLibrary

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_CreatedD

ate) VirtualException

Virtu

VirtualNodeCreatedDataStorageLibrary

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_Updated

Date) (AkiraNetwork.VirtualStorageLibrary

VirtualNode.VID

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_VID)

Virtu

VirtualNodeReferenceVirtualStorageLibrary

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_IsReferen

cedInStorage) (AkiraNetwork.VirtualStorageLibrary

object.Equals (object) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object))

object.Equals (object, object) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object))

object.GetHashCode () (https://learn.microsoft.com/dotnet/api/system.object.gethashcode)

object.GetType () (https://learn.microsoft.com/dotnet/api/system.object.gettype)

object.MemberwiseClone () (https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone)

object.ReferenceEquals (object, object) (https://learn.microsoft.com/dotnet/api/system.object.referenceequals)

VirtualNodeContext

Namespace: AkiraNetwork (AkiraNetwork.html).VirtualStorageLibrary (AkiraNetwork.VirtualStorageLibrary.html)

(AkiraNetwork.VirtualStorageLibrary

Assembly: VirtualStorageLibrary.dll

VirtualNodeExtensions

Syntax

(AkiraNetwork.VirtualStorageLibrary

VirtualNodeListConditions

public class VirtualDirectory : VirtualNode, IVirtualDeepCloneable<VirtualNode>, IEnumerable

<VirtualNode>, IEnumerable

<VirtualNodeName>

(AkiraNetwork.VirtualStorageLibrary

VirtualNodeNotFoundException

Constructors

VirtualDirectory()

VirtualDirectory (AkiraNetwork.VirtualStorageLibrary.VirtualDirectory.html) クラスの新しいインスタンスを初期化します。

Declaration

```
VirtualDeepCloneable<T>
(AkiraNetwork.VirtualStorageLibrary.VirtualDirectory)
public VirtualDirectory()
```

```
IVirtualWildcardMatcher
(AkiraNetwork.VirtualStorageLibrary.VirtualDirectory)
```

```
NotifyNodeDelegate
```

VirtualDirectory(VirtualDirectoryName)

PatternMatch

指定した名前で VirtualDirectory (AkiraNetwork.VirtualStorageLibrary.VirtualDirectory.html) クラスの新しいインスタンスを初期化します。

```
VirtualCycleDetector
```

Declaration

```
AkiraNetwork.VirtualStorageLibrary.VirtualDirectory
VirtualDirectory
(AkiraNetwork.VirtualStorageLibrary.VirtualDirectory(VirtualDirectoryName name))
VirtualDirectoryAdapter<T>
(AkiraNetwork.VirtualStorageLibrary.VirtualDirectory)
```

Parameters

Type	Name	Description
VirtualException (AkiraNetwork.VirtualStorageLibrary.VirtualException)	name	ディレクトリの名前。

VirtualDirectory(VirtualDirectoryName, DateTime, DateTime)

VirtualItemAdapter<T>

(AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter<T>)

```
1.html)
```

```
public VirtualDirectory(VirtualDirectoryName name, DateTime createdDate, DateTime updatedDate)
```

```
(AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter<T>)
```

```
1.html)
```

Parameters

Type	Name	Description
VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode)		
VirtualNodeContext (AkiraNetwork.VirtualStorageLibrary.VirtualNodeContext)	name	ディレクトリの名前。
VirtualNodeExtensions (AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions)		
DateTimes (https://learn.microsoft.com/dotnet/api/system.datetime)	createdDate	作成日。
DateTimes (https://learn.microsoft.com/dotnet/api/system.datetime)	updatedDate	更新日。
VirtualNodeListConditions (AkiraNetwork.VirtualStorageLibrary.VirtualNodeListConditions)		
VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName)		
VirtualNodeNotFoundException (AkiraNetwork.VirtualStorageLibrary.VirtualNodeNotFoundException)		

Properties

Count

ディレクトリ内のノードの総数を取得します。

Declaration

```
IVirtualDeepCloneable<T>
public int Count { get; }
```

Property Value
(AkiraNetwork.VirtualStorageLibrary

Type	Description
NotifyNodeDelegate	

int (https://learn.microsoft.com/dotnet/api/system.int32)
PatternMatch

(AkiraNetwork.VirtualStorageLibrary
VirtualCycleDetector

DirectoryCount
(AkiraNetwork.VirtualStorageLibrary
VirtualDirectory

ディレクトリ内のディレクトリの数を取得します。
(AkiraNetwork.VirtualStorageLibrary

Declaration
VirtualDirectoryAdapter<T>
(AkiraNetwork.VirtualStorageLibrary

```
1.html)
public int DirectoryCount { get; }
```

VirtualException
(AkiraNetwork.VirtualStorageLibrary
VirtualItem

Property Value
GroupCondition<T, TKey>
(AkiraNetwork.VirtualStorageLibrary

Type	Description
2.html)	

int (https://learn.microsoft.com/dotnet/api/system.int32)
(AkiraNetwork.VirtualStorageLibrary
VirtualItem

DirectoryItemCount
(AkiraNetwork.VirtualStorageLibrary
VirtualItemAdapter<T>

現在の表示条件に基づいたディレクトリの数を取得します。
(AkiraNetwork.VirtualStorageLibrary
1.html)

Declaration
VirtualItem<T>
(AkiraNetwork.VirtualStorageLibrary

```
public int DirectoryItemCount { get; }
```

VirtualNode
(AkiraNetwork.VirtualStorageLibrary
VirtualNodeContext

Type	Description
AkiraNetwork.VirtualStorageLibrary	

VirtualNodeExtensions
int (https://learn.microsoft.com/dotnet/api/system.int32)
(AkiraNetwork.VirtualStorageLibrary

VirtualNodeListConditions
(AkiraNetwork.VirtualStorageLibrary
VirtualNodeName

this[VirtualNodeName]
(AkiraNetwork.VirtualStorageLibrary
Declaration
VirtualNodeNotFoundException

```
public VirtualNode this[VirtualnodeName name] { get; set; }
```

Parameters

Type	Name	Description
VirtualnodeName (AkiraNetwork.VirtualStorageLibrary.VirtualnodeName.html) IVirtualDeepCloneable<T>	name	

Property [AkiraNetwork.VirtualStorageLibrary.VirtualnodeName](#)

Type	Description
IVirtualWildcardMatcher VirtualnodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)	

Property [AkiraNetwork.VirtualStorageLibrary.VirtualNodeDelegate](#)

NotifyNodeDelegate (AkiraNetwork.VirtualStorageLibrary.VirtualNodeDelegate.html)

Property [AkiraNetwork.VirtualStorageLibrary.VirtualPatternMatch](#)

PatternMatch (AkiraNetwork.VirtualStorageLibrary.VirtualPatternMatch.html)

Property [AkiraNetwork.VirtualStorageLibrary.VirtualItemCount](#)

ItemCount (AkiraNetwork.VirtualStorageLibrary.VirtualItemCount.html)

Property [AkiraNetwork.VirtualStorageLibrary.VirtualItemViewCount](#)

ItemViewCount (AkiraNetwork.VirtualStorageLibrary.VirtualItemViewCount.html)

Property [AkiraNetwork.VirtualStorageLibrary.VirtualValue](#)

Type VirtualException (AkiraNetwork.VirtualStorageLibrary.VirtualValue.html)
--

Property [AkiraNetwork.VirtualStorageLibrary.VirtualValue](#)

Type VirtualValue VirtualGroupCondition<T, TKey> int (https://learn.microsoft.com/dotnet/api/system.int32) (AkiraNetwork.VirtualStorageLibrary.VirtualValue.html)

Property [AkiraNetwork.VirtualStorageLibrary.VirtualValue](#)

Value VirtualItem (AkiraNetwork.VirtualStorageLibrary.VirtualValue.html)
--

Property [AkiraNetwork.VirtualStorageLibrary.VirtualValue](#)

Type VirtualValue VirtualItemAdapter<T> (AkiraNetwork.VirtualStorageLibrary.VirtualValue.html)

Property [AkiraNetwork.VirtualStorageLibrary.VirtualValue](#)

Value VirtualItem VirtualItemAdapter<T> (AkiraNetwork.VirtualStorageLibrary.VirtualValue.html)

Property [AkiraNetwork.VirtualStorageLibrary.VirtualValue](#)

Type VirtualValue VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualValue.html)

Property [AkiraNetwork.VirtualStorageLibrary.VirtualValue](#)

Type VirtualValue VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualValue.html)

Property [AkiraNetwork.VirtualStorageLibrary.VirtualValue](#)

Type VirtualValue VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualValue.html)

Property [AkiraNetwork.VirtualStorageLibrary.VirtualValue](#)

Type VirtualValue VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualValue.html)

Property [AkiraNetwork.VirtualStorageLibrary.VirtualValue](#)

Type VirtualValue VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualValue.html)

```
public IEnumerable<VirtualnodeName> NodeNames { get; }
```

Property Value

Type	Description
IEnumerable (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)< VirtualnodeName (AkiraNetwork.VirtualStorageLibrary.VirtualnodeName.html)>	

(AkiraNetwork.VirtualStorageLibrary
1.html)

NodeType

ノードの種類を取得します。このクラスでは常にDirectoryを返します。
(AkiraNetwork.VirtualStorageLibrary)

Declaration

PatternMatch

(AkiraNetwork.VirtualStorageLibrary
pVirtualNodeDetector VirtualNodeType NodeType { get; })

(AkiraNetwork.VirtualStorageLibrary)

Property Value

(AkiraNetwork.VirtualStorageLibrary)

Type	Description
VirtualDirectoryAdapter<T>	

(AkiraNetwork.VirtualStorageLibrary
VirtualNodeType (AkiraNetwork.VirtualStorageLibrary.VirtualNodeType.html)
1.html)

Overrides

(AkiraNetwork.VirtualStorageLibrary)

VirtualNode.NodeType

VirtualGroupCondition<T, TKey>	
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_NodeType e) 2.html)	

VirtualID

(AkiraNetwork.VirtualStorageLibrary)

Nodes

VirtualItem

ディレクトリやファイルをリストします。

VirtualItemAdapter<T>

(AkiraNetwork.VirtualStorageLibrary)

1.html)

pVirtualIenumerable<VirtualNode> Nodes { get; }

(AkiraNetwork.VirtualStorageLibrary)

1.html)

Property Value

VirtualNode

Type	Description
AkiraNetwork.VirtualStorageLibrary	

VirtualNodeContext

IEnumerable (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)<

(AkiraNetwork.VirtualStorageLibrary)

VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)>

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeListConditions

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeName

現在の表示条件に基づいたノードのビューを取得します。

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeNotFoundException

Declaration

```
public IEnumerable<VirtualNode> NodesView { get; }
```

Property Value

Type	Description
IEnumerable< https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1 ><VirtualNode> (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)	

1.html)
IVirtualWildcardMatcher
(AkiraNetwork.VirtualStorageLibrary)
NotifyNodeDelegate

現在の表示条件に基づいたVirtualNodeの数を取得します。

PatternMatch

Declaration
(AkiraNetwork.VirtualStorageLibrary)
VirtualCycleDetector
VirtualDirectory
(AkiraNetwork.VirtualStorageLibrary)

Property Value
VirtualDirectoryAdapter<T>

Type	Description
AkiraNetwork.VirtualStorageLibrary	

1.html)
int (https://learn.microsoft.com/dotnet/api/system.int32)
VirtualException
(AkiraNetwork.VirtualStorageLibrary)
VirtualGroupCondition<T, TKey>

SymbolicLinkCount
(AkiraNetwork.VirtualStorageLibrary)

2.html)
ディレクトリ内のシンボリックリンクの数を取得します。
VirtualItem
(AkiraNetwork.VirtualStorageLibrary)
VirtualItemAdapter<T>

Declaration
(AkiraNetwork.VirtualStorageLibrary)
VirtualItem
(AkiraNetwork.VirtualStorageLibrary)
public int SymbolicLinkCount { get; }

VirtualItemAdapter<T>
(AkiraNetwork.VirtualStorageLibrary)

Property Value
VirtualItem<T>

Type	Description
AkiraNetwork.VirtualStorageLibrary	

int (https://learn.microsoft.com/dotnet/api/system.int32)
VirtualNode
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeContext
(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeExtensions
(AkiraNetwork.VirtualStorageLibrary)

SymbolicLinkViewCount
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeExtensions
(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeNotFoundException
(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeNotFoundEventArgs
(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeNotFoundEventArgs
(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeNotFoundEventArgs
(AkiraNetwork.VirtualStorageLibrary)

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

▼

Methods

[VirtualDeepCloneable<T>](#)
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)

Add(VirtualNode, bool)

[Declaration](#)

NotifyNodeDelegate

[\(AkiraNetwork.VirtualStorageLibrary.VirtualNode.Add\(VirtualNode node, bool allowOverwrite = false\)\)](#)

PatternMatch

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)

Parameters

VirtualCycleDetector

Type	Name	Description
AkiraNetwork.VirtualStorageLibrary.VirtualNode	node	
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	allowOverwrite	

Returns

VirtualException

Type	Description
AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition<T, TKey>	

[VirtualNode \(\[AkiraNetwork.VirtualStorageLibrary.VirtualNode.html\]\(#\)\)](#)

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)

2.html)

VirtualID

AddDirectory(VirtualNodeName, bool)

[VirtualItem](#)
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)

[VirtualItemAdapter<T>](#)

[\(AkiraNetwork.VirtualStorageLibrary.VirtualNode.AddDirectory\(VirtualNodeName name, bool allowOverwrite = false\)\)](#)

1.html)

Parameters

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)

Type	Name	Description
VirtualNode	name	
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	allowOverwrite	

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)

Returns

VirtualNodeExtensions

Type	Description
VirtualNodeListConditions	

[VirtualNodeListConditions \(\[AkiraNetwork.VirtualStorageLibrary.VirtualDirectory.html\]\(#\)\)](#)

VirtualNodeName

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)

VirtualNodeNotFoundException

AddItem<T>(VirtualNodeName, T?, bool)

Declaration

```
public VirtualItem<T> AddItem<T>(VirtualNodeName name, T? itemData = default, bool allowOverwrite = false)
```

▼

Parameters

Type	IVirtualDeepCloneable<T>	Name	Description
Type	AkiraNetwork.VirtualStorageLibrary.VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)	name	
T	(AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate<T>)	itemData	
bool	(https://learn.microsoft.com/dotnet/api/system.boolean) (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)	allowOverwrite	

PatternMatch

Returns

Type	VirtualCycleDetector<T>	Description
VIRTUALITEM	(AkiraNetwork.VirtualStorageLibrary.VirtualItem<T>)	

(AkiraNetwork.VirtualStorageLibrary.VirtualDirectory<T>)

Type Parameters

Name	Description
name	(AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)
T	VirtualException

(AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition<T, TKey>)

(AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition<T, TKey>.2.html)

AddSymbolicLink(VirtualNodeName, VirtualPath, bool)

Declaration

(AkiraNetwork.VirtualStorageLibrary.VirtualItem<T>)

```
public VirtualSymbolicLink AddSymbolicLink(VirtualNodeName name, VirtualPath targetPath, bool allowOverwrite = false)
```

(AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter<T>)

(AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink)

Parameters

Type	VirtualItem<T>	Name	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)	name		
VirtualNode	(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	targetPath	
bool	(https://learn.microsoft.com/dotnet/api/system.boolean) (AkiraNetwork.VirtualStorageLibrary.VirtualNodeContext)	allowOverwrite	

(AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink)

Returns

Type	(AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions)	Description
VIRTUALNODELINK	(AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink.html)	

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeName)

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeNotFoundException)

DeepClone(bool)

ディレクトリのディープクローンを作成します。

Declaration

```
public override VirtualNode DeepClone(bool recursive = false)
```

Parameters

Type IVirtualDeepCloneable<T> (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)	Name	Description
bool VirtualWildcardMatcher (AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions.html#AkiraNetwork_VirtualStorageLibrary_VirtualNodeExtensions_VirtualWildcardMatcher) NotifyNodeDelegate tem:boolean (AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions.html#AkiraNetwork_VirtualStorageLibrary_VirtualNodeExtensions_VirtualNodeDelegate)	recursive	true の場合、ディレクトリ内のすべてのノードを再帰的にクローンします。

Returns

Type VirtualCycleDetector (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_VirtualCycleDetector)	Description
VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_VirtualNode)	ディレクトリのディープクローン。

Overrides

VirtualDirectoryAdapter<T> VirtualNode.DeepClone(bool) (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_DeepClone) e_System.Boolean VirtualException (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_VirtualException)	
--	--

DirectoryExists(VirtualDirectoryName)

Declaration

```
AkiraNetwork.VirtualStorageLibrary.VirtualItem  
p(AkiraNetwork.VirtualStorageLibrary.VirtualNodeName name)
```

Type VirtualItem (AkiraNetwork.VirtualStorageLibrary.VirtualItem.html)	
--	--

Type VirtualItem<T> (AkiraNetwork.VirtualStorageLibrary.VirtualItem.html)	Name	Description
VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)	name	確認するディレクトリの名前。

Type VirtualItem<T> (AkiraNetwork.VirtualStorageLibrary.VirtualItem.html)	
---	--

Type VirtualNodeExtensions bool (AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions.html#AkiraNetwork_VirtualStorageLibrary_VirtualNodeExtensions_VirtualNodeListConditions) an (AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions.html#AkiraNetwork_VirtualStorageLibrary_VirtualNodeExtensions_VirtualNodeListConditions_VirtualNodeListConditions)	Description
VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)	ディレクトリが存在する場合はtrue、存在しない場合はfalse。

Type VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)	
--	--

Type VirtualNodeNotFoundException (AkiraNetwork.VirtualStorageLibrary.VirtualNodeNotFoundException.html)	
--	--

Get(VirtualNodeName, bool)

Declaration

```
public VirtualNode? Get(VirtualNodeName name, bool exceptionEnabled = true)
```



Parameters

Type	Name	Description
virtualDeepCloneable<T> (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html))	<i>name</i>	
bool VirtualWildcardMatcher (https://learn.microsoft.com/dotnet/api/system.boolean) (AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate)	<i>exceptionEnabled</i>	

Returns

Type	Description
PatternMatch	
VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html) VirtualCycleDetector (AkiraNetwork.VirtualStorageLibrary.VirtualDirectory) VirtualDirectory (AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition<T, TKey>)	

GetDirectory(VirtualNodeName)

VirtualDirectoryAdapter<T>
Declaration
(AkiraNetwork.VirtualStorageLibrary.VirtualDirectory (AkiraNetwork.VirtualStorageLibrary.VirtualException))
1.html
public VirtualDirectory GetDirectory(VirtualNodeName name)

Parameters

Type	Name	Description
VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html) (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)	<i>name</i>	

Returns

Type	Description
VirtualItemAdapter<T> (AkiraNetwork.VirtualStorageLibrary.VirtualDirectory (AkiraNetwork.VirtualStorageLibrary.VirtualDirectory.html))	

VirtualItem<T>

(AkiraNetwork.VirtualStorageLibrary.VirtualItem<T>)

GetEnumerator()

VirtualNode
Returns an enumerator that iterates through the collection.
(AkiraNetwork.VirtualStorageLibrary.VirtualNode)

Declaration

VirtualNodeContext
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions)
public IEnumerator<VirtualNode> GetEnumerator()
(AkiraNetwork.VirtualStorageLibrary.VirtualNode)

VirtualNodeListConditions

Return
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeName
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeName))
VirtualNodeNotFoundException

Type	Description
IEnumerator (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerator-1) <VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)>	An enumerator that can be used to iterate through the collection.

GetItem<T>(VirtualNodeName)

Declaration
 IVirtualDeepCloneable<T>
 (AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html)
 IVirtualWildcardMatcher
 (AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html)
 public VirtualItem<T> GetItem<T>(VirtualNodeName name)
 NotifyNodeDelegate
 (AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html)

Parameters Match

Type	Name	Description
VirtualCycleDetector	name	

Virt (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)

VirtualDirectory

(AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html)

VirtualDirectoryAdapter<T>

Type	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html)	

VirtualItem (AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html)<T>

VirtualException

(AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html)

Type Parameters

Name	Description
T	

VirtualGroupCondition<T, TKey>

Name	Description
VirtualID	

(AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html)

VirtualItem

(AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html)

VirtualItemAdapter<T>

Type	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html)	

(AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html)

public IEnumerable<VirtualNode> GetNodesView()

(AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html)

VirtualNode

Type	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html)	

Type	Description
VirtualNodeContext (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)<VirtualNode>	

VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)>

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html)

VirtualNodeListConditions

GetSymbolicLink(VirtualNodeName)

Declaration
 VirtualNodeName
 (AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html)
 VirtualNodeNotFoundException

```
public VirtualSymbolicLink GetSymbolicLink(VirtualNodeName name)
```

Parameters

Type	Name	Description
VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html) IVirtualDeepCloneable<T>	name	

Return (AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink.html)

Type	Description
IVirtualWildcardMatcher VirtualSymbolicLink (AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink.html)	

NotifyNodeDelegate
(AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink.html)
PatternMatch
ItemExists(VirtualNodeName)

VirtualCycleDetector
指定したVirtualNodeNameのアイテムが存在するかどうかを確認します。

(AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink.html)

Declaration

VirtualDirectoryAdapter(VirtualNodeName name)
(AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink.html)

Parameters
VirtualException

Type	Name	Description
AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition<T, TKey> VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink.html)	name	確認するアイテムの名前。

VirtualID

Return (AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink.html)

Type	Description
VirtualItem (AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink.html)	アイテムが存在する場合はtrue、存在しない場合はfalse。

VirtualItem<T>

(AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink.html)

NodeExists(VirtualNodeName)

VirtualNode

指定したAkiraNetworkのVirtualStorageLibraryのVirtualNodeが存在するかどうかを確認します。

VirtualNodeContext
Declaration

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions.html)

public bool NodeExists(VirtualNodeName name)

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeListConditions.html)

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeNotNotFoundException.html)

Parameters
VirtualNodeName

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeNotNotFoundException.html)

VirtualNodeNotFoundException

ディレクトリを文字列として表現します。

Declaration

```
public override string ToString()
```

Returns

Type	Description
virtualDeepCloneable<T> (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)	ディレクトリの文字列表現。

IVirtualWildcardMatcher
Overrides
object.ToString() Delegate
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)

PatternMatch
Update(VirtualNode)
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)

VirtualCycleDetector
Updates the VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html).
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)

Declaration

```
VirtualDirectoryAdapter<T>.Update(VirtualNode node)  
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)
```

Parameters
VirtualException

Type	Name	Description
VirtualGroupCondition<T, TKey> VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)	node	Value to update

2.html)

Overrides

VirtualNodeUpdate(VirtualStorageLibrary)

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_Update_AkiraNetwork_VirtualStorageLibrary_VirtualNode_)

VirtualItemAdapter<T>
(AkiraNetwork.VirtualStorageLibrary.VirtualItem.html)

VirtualItem<T>

(AkiraNetwork.VirtualStorageLibrary.VirtualItem.html)

operator +(VirtualDirectory, VirtualNode)

Declaration

```
VirtualNodeContextualDirectory operator +(VirtualDirectory directory, VirtualNode node)  
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)
```

VirtualNodeExtensions
Parameters
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)

Type	Name	Description
VirtualNodeListConditions (AkiraNetwork.VirtualStorageLibrary.VirtualNodeListConditions.html)	directory	
VirtualDirectoryName (AkiraNetwork.VirtualStorageLibrary.VirtualDirectoryName.html)	node	

VirtualNodeNotFoundException

Returns

Type	Description
VirtualDirectory (AkiraNetwork.VirtualStorageLibrary.VirtualDirectory.html)	



implicit operator VirtualDirectory(VirtualDirectoryName)

ノード名からVirtualDirectory (AkiraNetwork.VirtualStorageLibrary.VirtualDirectory.html)への暗黙的な変換を行います。
VirtualDirectoryName (AkiraNetwork.VirtualStorageLibrary.VirtualDirectoryName.html)

Declaration

WildcardMatcher
(AkiraNetwork.VirtualStorageLibrary)

```
public static implicit operator VirtualDirectory(VirtualDirectoryName nodeName)  
(AkiraNetwork.VirtualStorageLibrary)
```

PatternMatch

Parameters

VirtualDirectoryName (AkiraNetwork.VirtualStorageLibrary.VirtualDirectoryName.html)

Type	Name	Description
VirtualDirectoryName (AkiraNetwork.VirtualStorageLibrary.VirtualDirectoryName.html)	nodeName	変換するノード名。

VirtualDirectoryAdapter<T>

Returns

VirtualException
(AkiraNetwork.VirtualStorageLibrary)

Type	Description
VirtualException (AkiraNetwork.VirtualStorageLibrary)	

VirtualGroupCondition<T, TKey>

(AkiraNetwork.VirtualStorageLibrary)

operator -(VirtualDirectory, VirtualNode)

Declaration

VirtualItem
(AkiraNetwork.VirtualStorageLibrary)

```
public static VirtualDirectory operator -(VirtualDirectory directory, VirtualNode node)  
VirtualItemAdapter<T>  
(AkiraNetwork.VirtualStorageLibrary)
```

Parameters

Type	Name	Description
VirtualItem<T> (AkiraNetwork.VirtualStorageLibrary)	directory	

Type	Name	Description
VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)	node	

Returns

VirtualNodeContext
(AkiraNetwork.VirtualStorageLibrary)

Type	Description
VirtualNodeExtensions (AkiraNetwork.VirtualStorageLibrary)	

Type	Description
VirtualNodeListConditions (AkiraNetwork.VirtualStorageLibrary)	

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeName
(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeNotFoundException
(AkiraNetwork.VirtualStorageLibrary)

Implements

IVirtualDeepCloneable<T> (AkiraNetwork.VirtualStorageLibrary.IVirtualDeepCloneable-1.html)

IEnumerable<T> (<https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1>)

IEnumerable (<https://learn.microsoft.com/dotnet/api/system.collections.ienumerable>)

Extension Methods

VirtualTextFormatter.GenerateSingleTableDebugText<T>(T)

(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utilsilites_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_)

VirtualWildcardMatcher

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_Extensions_NotifyNodeDelegate)

VirtualTextFormatter.GenerateTableDebugText<T>(IEnumerable<T>)

(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utilsilites_VirtualTextFormatter_GenerateTableDebugText_1_System_Collections_Generic_IEnumerable__0_)

VirtualStorageExtensions.ApplySortConditions<T>(IEnumerable<T>, List<VirtualSortCondition<T>>?)

(AkiraNetwork.VirtualStorageLibrary.VirtualStorageExtensions.html#AkiraNetwork_VirtualStorageLibrary_VirtualStorageExtensions_ApplySortConditions_1_System_Collections_Generic_IEnumerable__0_System_Collections_Generi

c_List_AkiraNetwork_VirtualStorageLibrary_VirtualSortCondition_0_)

VirtualStorageExtensions.GroupAndSort<T>(IEnumerable<T>, VirtualGroupCondition<T, object>?, List<Virtual

SortCondition<T>) (AkiraNetwork.VirtualStorageLibrary

1.html) (AkiraNetwork.VirtualStorageLibrary.VirtualStorageExtensions.html#AkiraNetwork_VirtualStorageLibrary_VirtualStorageExtensions_GroupAndSort_1_System_Collections_Generic_IEnumerable__0_AkiraNetwork_VirtualStorageLibr

ary_VirtualGroupCondition_0_System_Object_System_Collections_Generic_List_AkiraNetwork_VirtualStorageLibr

ary_VirtualSortCondition_0_)

(AkiraNetwork.VirtualStorageLibrary

2.html)

VirtualID

(AkiraNetwork.VirtualStorageLibrary

VirtualItem

(AkiraNetwork.VirtualStorageLibrary

VirtualItemAdapter<T>

(AkiraNetwork.VirtualStorageLibrary

1.html)

VirtualItem<T>

(AkiraNetwork.VirtualStorageLibrary

1.html)

VirtualNode

(AkiraNetwork.VirtualStorageLibrary

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary

VirtualNodeListConditions

(AkiraNetwork.VirtualStorageLibrary

VirtualnodeName

(AkiraNetwork.VirtualStorageLibrary

VirtualNodeNotFoundException

Class VirtualDirectoryAdapter<T>

Inheritance

Filter by title ↴ object (https://learn.microsoft.com/dotnet/api/system.object)

↳ VirtualDirectoryAdapter<T>
(AkiraNetwork.VirtualStorageLibrary)

Inherited Members 1.html)

object VirtualObjectMapper/learn.microsoft.com/dotnet/api/system.object.equals#system-object>equals(system-object)(AkiraNetwork.VirtualStorageLibrary)

`object.Equals(object)` (<https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals>)

`object.GetHashCode()` (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)

object (System.Object) <https://dotnet.microsoft.com/dotnet/api/system.object.gettype>

`object.MemberwiseClone()` (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)

[Object.ReferenceEquals](https://learn.microsoft.com/dotnet/api/system.object.referenceequals)(**array1**, **array2**)

object.ToString() (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

[Next](#) (AkiraNetwork.VirtualStorageLibrary) [VirtualDiskManager](#) [\(AkiraNetwork.VirtualDiskManager\)](#)

Namespace: AkiraNetwork (AkiraNetwork.html).VirtualStorageLibrary (AkiraNetwork.virtualStorageLibrary.html)

Assembly: VirtualStorageLibrary.dll (AkiraNetwork.VirtualStorage library)

Syntax

VirtualException

public class NetworkVirtualDiskAdapter<T>

VirtualGroupCondition<T, TKey>

Type Parameters

Name	Description
VirtualItem	(AkiraNetwork.VirtualStorageLibrary.VirtualItem)

VirtualItemAdapt Constructors

VirtualDirectoryAdapter(VirtualStorage<T>)

(AkiraNetwork.VirtualStorageLibrary)

Declarations

VirtualNode

```
(AkiraNetworkVirtualStorageLibrary)
public VirtualDirectoryAdapter<VirtualStorage<T> storage>
VirtualNodeContext
```

(AkiraNetwork.VirtualStorageLibrary)

Parameters

Type	Name	Description
(AkiraNetwork.VirtualStorageLibrary.Virtual NodeListConditions		
VirtualStorage<AkiraNetwork.VirtualStorageLibrary.VirtualStorage-1.html> <T>	storage	
VirtualNodeName		
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeNotFoundException		
(AkiraNetwork.VirtualStorageLibrary.VirtualStorageException		

Class VirtualException

Inheritance

↳ [Object](#) (https://learn.microsoft.com/dotnet/api/system.object)
↳ [Exception](#) (https://learn.microsoft.com/dotnet/api/system.exception)
↳ [VirtualException](#)
↳ [IVirtualWildcardMatcher](#)
↳ [IVirtualNodeNotFoundException](#)
↳ [AkiraNetwork.VirtualStorageLibrary](#)
↳ [\(AkiraNetwork.VirtualStorageLibrary.VirtualNodeNotFoundException.html\)](#)
↳ [NotifyNodeDelegate](#)
Implements
↳ [\(AkiraNetwork.VirtualStorageLibrary\)](#)
ISerializable (https://learn.microsoft.com/dotnet/api/system.runtime.serialization.iserializable)
PatternMatch
↳ [\(AkiraNetwork.VirtualStorageLibrary\)](#)
Inherited Members
↳ [VirtualCycleDetector](#)
Exception.GetBaseException() (https://learn.microsoft.com/dotnet/api/system.exception.getbaseexception)
Exception.GetType() (https://learn.microsoft.com/dotnet/api/system.exception.gettype)
VirtualDirectory
Exception.ToString() (https://learn.microsoft.com/dotnet/api/system.exception.tostring)
Exception.Data (https://learn.microsoft.com/dotnet/api/system.exception.data)
VirtualDirectoryAdapter<T>
Exception.HelpLink (https://learn.microsoft.com/dotnet/api/system.exception.helplink)
Exception.HResult (https://learn.microsoft.com/dotnet/api/system.exception.hresult)
Exception.InnerException (https://learn.microsoft.com/dotnet/api/system.exception.innerexception)
VirtualException
Exception.Message (https://learn.microsoft.com/dotnet/api/system.exception.message)
Exception.Source (https://learn.microsoft.com/dotnet/api/system.exception.source)
VirtualGroupCondition<T, TKey>
Exception.StackTrace (https://learn.microsoft.com/dotnet/api/system.exception.stacktrace)
Exception.TargetSite (https://learn.microsoft.com/dotnet/api/system.exception.targetsite)
Exception.SerializeObjectState (https://learn.microsoft.com/dotnet/api/system.exception.serializeobjectstate)
VirtualID
object.Equals(object) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object))
VirtualItem
object.Equals(object, object) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object))
VirtualItemAdapter<T>
object.GetHashCode() (https://learn.microsoft.com/dotnet/api/system.object.gethashcode)
object.MemberwiseClone() (https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone)
object.ReferenceEquals(object, object) (https://learn.microsoft.com/dotnet/api/system.object.referenceequals)
VirtualItem<T>

Name [AkiraNetwork.VirtualStorageLibrary](#) (https://learn.microsoft.com/AkiraNetwork.VirtualStorageLibrary.html).VirtualStorageLibrary (AkiraNetwork.VirtualStorageLibrary.html)

Assembly [VirtualStorageLibrary.dll](#)

Syntax

```
VirtualException  
public abstract class VirtualException : Exception, ISerializable  
VirtualNodeContext  
VirtualNodeExtensions  
VirtualNodeListConditions  
VirtualNodeName  
VirtualNodeType
```

Constructors

VirtualException()
↳ [VirtualStorageLibrary](#)
↳ [VirtualNodeNotFoundException](#)
Declaration
↳ [\(AkiraNetwork.VirtualStorageLibrary\)](#)
↳ [VirtualNodeType](#)

```
public VirtualException()
```

VirtualException(string)

Declaration

```
1.html)  
public VirtualException(string message)  
(AkiraNetwork.VirtualStorageLibrary
```

NotifyNodeDelegate

Parameters

(AkiraNetwork.VirtualStorageLibrary

Type PatternMatch

(AkiraNetwork.VirtualStorageLibrary
string (<https://learn.microsoft.com/dotnet/api/system.string>)
VirtualCycleDetector

(AkiraNetwork.VirtualStorageLibrary

VirtualDirectory

VirtualException(string, Exception)

VirtualDirectoryAdapter<T>

Declaration

```
1.html)  
public VirtualException(string message, Exception innerException)  
(AkiraNetwork.VirtualStorageLibrary
```

VirtualGroupCondition<T, TKey>

Parameters

(AkiraNetwork.VirtualStorageLibrary

Type html

VirtualID
string (<https://learn.microsoft.com/dotnet/api/system.string>)
(AkiraNetwork.VirtualStorageLibrary

Exception (<https://learn.microsoft.com/dotnet/api/system.exception>)

(AkiraNetwork.VirtualStorageLibrary

VirtualItemAdapter<T>

Implements

1.html)

ISerializable (<https://learn.microsoft.com/dotnet/api/system.runtime.serialization.iserializable>)

(AkiraNetwork.VirtualStorageLibrary

1.html)

VirtualItem

(AkiraNetwork.VirtualStorageLibrary

Extension Methods

VirtualNode

VirtualTextFormatter.GenerateSingleTableDebugText<T>(T)

(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utils_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_)

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary

VirtualNodeListConditions

(AkiraNetwork.VirtualStorageLibrary

VirtualnodeName

(AkiraNetwork.VirtualStorageLibrary

VirtualNodeNotFoundException

(AkiraNetwork.VirtualStorageLibrary

VirtualNodeType

Class VirtualGroupCondition<T, TKey>

Inheritance

↳ [Object](#) (<https://learn.microsoft.com/dotnet/api/system.object>)

↳ [VirtualGroupCondition<T, TKey>](#)
IVirtualWildcardMatcher

Inherited Members

([AkiraNetwork.VirtualStorageLibrary](#))

[Object.Equals](#) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-object)))

[Object.Equals](#) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-object-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-object-object)))

[Object.GetHashCode](#) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)

[Object.GetType](#) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)

[Object.MemberwiseClone](#) () (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)

[Object.ReferenceEquals](#) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)

[Object.ToString](#) () (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

([AkiraNetwork.VirtualStorageLibrary](#))

Namespace: [AkiraNetwork](#) ([AkiraNetwork.html](#)).VirtualStorageLibrary ([AkiraNetwork.VirtualStorageLibrary.html](#))

1.html)

Assembly: [VirtualStorageLibrary.dll](#)

VirtualException

Syntax

([AkiraNetwork.VirtualStorageLibrary](#))

VirtualGroupCondition<T, TKey>

([AkiraNetwork.VirtualStorageLibrary](#)).VirtualGroupCondition<T, TKey>

2.html)

Type Parameters

([AkiraNetwork.VirtualStorageLibrary](#))

Name: VirtualItem

Description:

T ([AkiraNetwork.VirtualStorageLibrary](#))

VirtualItemAdapter<T>

TKey ([AkiraNetwork.VirtualStorageLibrary](#))

1.html)

VirtualItem<T>

([AkiraNetwork.VirtualStorageLibrary](#))

1.html)

VirtualNode

([AkiraNetwork.VirtualStorageLibrary](#))

VirtualNodeContext

([AkiraNetwork.VirtualStorageLibrary](#))

VirtualNodeExtensions

([AkiraNetwork.VirtualStorageLibrary](#)).VirtualGroupCondition<T, TKey> (groupBy, bool ascending = true)

VirtualNodeListConditions

([AkiraNetwork.VirtualStorageLibrary](#))

Parameters

VirtualNodeName

([AkiraNetwork.VirtualStorageLibrary](#))

VirtualNodeNotFoundException

Expression (<https://learn.microsoft.com/dotnet/api/system.linq.expressions.expression-1>)

groupBy

VirtualNodeType

<Func (<https://learn.microsoft.com/dotnet/api/system.func-2>)<T, TKey>>

([AkiraNetwork.VirtualStorageLibrary](#))

Type	Name	Description
(AkiraNetwork.VirtualStorageLibrary)	groupBy	

Type	Name	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>ascending</i>	

Properties

Ascending	IVirtualWildcardMatcher (AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate)
Declaration	(AkiraNetwork.VirtualStorageLibrary)
Property Value	PatternMatch (AkiraNetwork.VirtualStorageLibrary.VirtualCycleDetector) VirtualDirectory (AkiraNetwork.VirtualStorageLibrary.VirtualDirectoryAdapter<T>)

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

GroupBy	IVirtualExpression<Func<T, TKey>> GroupBy { get; set; } (AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition<T, TKey>)
Declaration	(AkiraNetwork.VirtualStorageLibrary)
Property Value	2.html VirtualItem (AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter<T>)

Type	Description
Func< https://learn.microsoft.com/dotnet/api/system.expression.expression-1 <T>> VirtualItem<T>	(AkiraNetwork.VirtualStorageLibrary.Expression (https://learn.microsoft.com/dotnet/api/system.linq.expressions.expression-1)<T>) Func< https://learn.microsoft.com/dotnet/api/system.func-2 <T, TKey>>

Extension Methods	(AkiraNetwork.VirtualStorageLibrary.VirtualTextFormatter.GenerateSingleTableDebugText<T>(T))
	VirtualNodeContext
	(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utils_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_)
	VirtualNodeExtensions
	(AkiraNetwork.VirtualStorageLibrary.VirtualNodeListConditions)
	(AkiraNetwork.VirtualStorageLibrary.VirtualnodeName)
	(AkiraNetwork.VirtualStorageLibrary.VirtualNodeNotFoundException)
	(AkiraNetwork.VirtualStorageLibrary.VirtualNodeType)
	(AkiraNetwork.VirtualStorageLibrary.VirtualStorageLibrary)

Struct VirtualID

Implements

IEquatable<VirtualID> (<https://learn.microsoft.com/dotnet/api/system.iequatable-1>)

(AkiraNetwork.VirtualStorageLibrary.VirtualID.html)

Inherited Members

NotifyNodeDelegate

ValueType.Equals(object) (<https://learn.microsoft.com/dotnet/api/system.valuetype.equals>)

ValueType.GetHashCode() (<https://learn.microsoft.com/dotnet/api/system.valuetype.gethashcode>)

object.Equals(object, object) (<https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals>)

(AkiraNetwork.VirtualStorageLibrary.VirtualObjectExtensions.Equals(system.Object, system.Object))

object.GetType() (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)

object.ReferenceEquals(object, object) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)

(AkiraNetwork.VirtualStorageLibrary.VirtualObjectAdapter) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)

VirtualDirectoryAdapter<T>

(AkiraNetwork.VirtualStorageLibrary.VirtualObjectAdapter<T>.html)

Syntax

1.html

VirtualException

public readonly record struct VirtualID : IEquatable<VirtualID>

(AkiraNetwork.VirtualStorageLibrary.VirtualID.html)

VirtualGroupCondition<T, TKey>

(AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition<T, TKey>.html)

Constructors

VirtualID

(AkiraNetwork.VirtualStorageLibrary.VirtualID.html)

VirtualID()

(AkiraNetwork.VirtualStorageLibrary.VirtualID.html)

Declaration

VirtualItemAdapter<T>

(AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter<T>.html)

public() VirtualID()

VirtualItem<T>

(AkiraNetwork.VirtualStorageLibrary.VirtualItem<T>.html)

1.html

Properties

(AkiraNetwork.VirtualStorageLibrary.VirtualID.html)

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeContext.html)

ID

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions.html)

VirtualNodeListConditions

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeListConditions.html)

public Guid ID { get; }

VirtualNodeName

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)

PropertyValue

(AkiraNetwork.VirtualStorageLibrary.VirtualPropertyValue.html)

Type

(AkiraNetwork.VirtualStorageLibrary.VirtualType.html)

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeType.html)

Guid (<https://learn.microsoft.com/dotnet/api/system.guid>)

(AkiraNetwork.VirtualStorageLibrary.Guid.html)

VirtualNodeTypeFilter

Description

Type	Description
VirtualNodeType	

Methods

ToString()

Returns the fully qualified type name of this instance.



Declaration

```
(AkiraNetwork.VirtualStorageLibrary  
public override string ToString()  
    => string.Format("VirtualCycleDetector"))
```

Returns

(AkiraNetwork.VirtualStorageLibrary)

Type	Description
virtualCycleDetector	The fully qualified type name.

(AkiraNetwork.VirtualStorageLibrary)
string (<https://learn.microsoft.com/dotnet/api/system.string>)
VirtualDirectory

(AkiraNetwork.VirtualStorageLibrary)

Overrides

VirtualDirectoryAdapter<T>

Value Type ToString() (<https://learn.microsoft.com/dotnet/api/system.valuetype.tostring>)

(AkiraNetwork.VirtualStorageLibrary)

1.html

Implements

(AkiraNetwork.VirtualStorageLibrary)

IEquatable<T> (<https://learn.microsoft.com/dotnet/api/system.iequatable-1>)

VirtualGroupCondition<T, TKey>

(AkiraNetwork.VirtualStorageLibrary)

2.html

VirtualID

VirtualTextFormatter GenerateSingleTableDebugText<T>(T)

(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utilsilie

s_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_)

VirtualItemAdapter<T>

(AkiraNetwork.VirtualStorageLibrary)

1.html

VirtualItem<T>

(AkiraNetwork.VirtualStorageLibrary)

1.html

VirtualNode

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeListConditions

(AkiraNetwork.VirtualStorageLibrary)

VirtualnodeName

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeNotFoundException

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeTypeFilter

Class VirtualItem

Represents an item with data in the virtual storage.

Filter by title

Inheritance

(AkiraNetwork.VirtualStorageLibrary)
↳ object (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ NotifyNodeDelegate
↳ VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)
↳ VirtualItem
↳ PatternMatch
↳ VirtualItem<T> (AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html)

Implements

VirtualCycleDetector
(AkiraNetwork.VirtualStorageLibrary)
IVirtualDeepCloneable (AkiraNetwork.VirtualStorageLibrary.IVirtualDeepCloneable-1.html) <VirtualNode
<VirtualDirectory>
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)>

(AkiraNetwork.VirtualStorageLibrary)
VirtualDirectoryAdapter<T>

VirtualNode (AkiraNetwork.VirtualStorageLibrary)

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_Name)

VirtualNodeCreatedDate

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_CreatedDate) VirtualGroupCondition<T, TKey>

VirtualNodeUpdatedDate
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_UpdatedDate) VirtualID

VirtualNodeType
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_NodeType)

e) (AkiraNetwork.VirtualStorageLibrary)

VirtualVIDAdapter<T>

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_VID)

VirtualNode.Update(VirtualNode)

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_Update_AkiraNetwork_VirtualStorageLibrary_VirtualNode_)

VirtualNode.IsReferencedInStorage

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_IsReferencedInStorage)

object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))

object.Equals(object, object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))

object.GetHashCode() (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)

object.GetType() (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)

object.MemberwiseClone() (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)

object.ReferenceEquals(object, object) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)

object.ToString() (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

(AkiraNetwork.VirtualStorageLibrary)

Namespace: AkiraNetwork (<https://learn.microsoft.com/dotnet/api/AkiraNetwork.html>)

VirtualNodeType

Assembly: VirtualStorageLibrary.dll
(AkiraNetwork.VirtualStorageLibrary)

Syntax:

VirtualNodeTypeFilter

```
public abstract class VirtualItem : VirtualNode, IVirtualDeepCloneable<VirtualNode>
```

Constructors

VirtualItem(VirtualNodeName)

NotifyNodeDelegate
Initializes a new instance of the VirtualItem (AkiraNetwork.VirtualStorageLibrary.VirtualItem.html) class.
(AkiraNetwork.VirtualStorageLibrary)

Declaration

```
(AkiraNetwork.VirtualStorageLibrary)
VirtualCycleDetector
protected VirtualItem(VirtualNodeName name)
(AkiraNetwork.VirtualStorageLibrary)
```

VirtualDirectory

Parameters

(AkiraNetwork.VirtualStorageLibrary)

Type	Name	Description
VirtualDirectoryAdapter<T> (AkiraNetwork.VirtualStorageLibrary)	name	The name of the item.

VirtualException
(AkiraNetwork.VirtualStorageLibrary)

VirtualItem(VirtualNodeName, DateTime)

VirtualID
Initializes a new instance of the VirtualItem (AkiraNetwork.VirtualStorageLibrary.VirtualItem.html) class.
(AkiraNetwork.VirtualStorageLibrary)

Declaration

```
(AkiraNetwork.VirtualStorageLibrary)
VirtualItem
protected VirtualItem(VirtualNodeName name, DateTime createdDate)
VirtualItemAdapter<T>
(AkiraNetwork.VirtualStorageLibrary)
```

Parameters

(AkiraNetwork.VirtualStorageLibrary)

Type	Name	Description
VirtualItem<T> (AkiraNetwork.VirtualStorageLibrary)	name	The name of the item.
VirtualNode (AkiraNetwork.VirtualStorageLibrary)	createdDate	The creation date of the item.

VirtualNodeContext
(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeExtensions
(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeListConditions
(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeNotedException
Initializes a new instance of the VirtualItem (AkiraNetwork.VirtualStorageLibrary.VirtualItem.html) class.
(AkiraNetwork.VirtualStorageLibrary)

Declaration

```
(AkiraNetwork.VirtualStorageLibrary)
VirtualNotFoundException
protected VirtualItem(VirtualNodeName name, DateTime createdDate, DateTime updatedDate)
VirtualNodeType
(AkiraNetwork.VirtualStorageLibrary)
```

Parameters

VirtualNodeTypeFilter

Type	Name	Description
VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)	<i>name</i>	The name of the item.
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	<i>createdDate</i>	The creation date of the item.
DateTime (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html) NotifyNodeDelegate (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)	<i>updatedDate</i>	The last update date of the item.

Methods

DeepClone(bool)
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)

VirtualDirectoryAdapter<T>
Creates a deep clone of this item. If the data of type T held by the item implements the **IVirtualDeepCloneable<T>** interface, the DeepClone method of the data type is called.
(AkiraNetwork.VirtualStorageLibrary.VirtualDeepCloneable-1.html)

VirtualException

Declaration
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)

VirtualGroupCondition<T, TKey>

public VirtualNode DeepClone(bool recursive = false)

2.html)

VirtualID
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)

Parameters
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)

Type	Name	Description
VirtualItem (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)		
bool VirtualItemAdapter<T> (https://learn.microsoft.com/dotnet/api/system.boolean) (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)	<i>recursive</i>	In the case of items, this parameter is ignored.

1.html)

Returns
VirtualItem<T>

Type	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)	A deep clone of the current item as a VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html).

Overrides
VirtualNodeExtensions

VirtualNodeDeepCloneable

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_DeepClone)(AkiraNetwork.VirtualStorageLibrary.VirtualNodeContext)

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeContext)

VirtualNodeName

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeName)

VirtualNodeNotFoundException

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeNotFoundException)

IVirtualDeepCloneable<T>

(AkiraNetwork.VirtualStorageLibrary.IVirtualDeepCloneable-1.html)

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeType)

VirtualNodeTypeFilter

Extension Methods

VirtualTextFormatter.GenerateSingleTableDebugText<T>(T)
(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utilitie
s_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_)
VirtualNodeExtensions.ResolveNodeType(VirtualNode)
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode
Extensions_ResolveNodeType_AkiraNetwork_VirtualStorageLibrary_VirtualNode_)
(AkiraNetwork.VirtualStorageLibrary.
NotifyNodeDelegate
(AkiraNetwork.VirtualStorageLibrary.
PatternMatch
(AkiraNetwork.VirtualStorageLibrary.
VirtualCycleDetector
(AkiraNetwork.VirtualStorageLibrary.
VirtualDirectory
(AkiraNetwork.VirtualStorageLibrary.
VirtualDirectoryAdapter<T>
(AkiraNetwork.VirtualStorageLibrary.
1.html)
VirtualException
(AkiraNetwork.VirtualStorageLibrary.
VirtualGroupCondition<T, TKey>
(AkiraNetwork.VirtualStorageLibrary.
2.html)
VirtualID
(AkiraNetwork.VirtualStorageLibrary.
VirtualItem
(AkiraNetwork.VirtualStorageLibrary.
VirtualItemAdapter<T>
(AkiraNetwork.VirtualStorageLibrary.
1.html)
VirtualItem<T>
(AkiraNetwork.VirtualStorageLibrary.
1.html)
VirtualNode
(AkiraNetwork.VirtualStorageLibrary.
VirtualNodeContext
(AkiraNetwork.VirtualStorageLibrary.
VirtualNodeExtensions
(AkiraNetwork.VirtualStorageLibrary.
VirtualNodeListConditions
(AkiraNetwork.VirtualStorageLibrary.
VirtualnodeName
(AkiraNetwork.VirtualStorageLibrary.
VirtualNodeNotFoundException
(AkiraNetwork.VirtualStorageLibrary.
VirtualNodeType
(AkiraNetwork.VirtualStorageLibrary.
VirtualNodeTypeFilter

Class VirtualItemAdapter<T>

Inheritance

↳ [Object](#) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ [VirtualItemAdapter<T>](#)
 (AkiraNetwork.VirtualStorageLibrary)

Inherited Members

NotifyNodeDelegate

object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-object)))
PatternMatch
(AkiraNetwork.VirtualStorageLibrary)
object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-object)))
VirtualCycleDetector
(AkiraNetwork.VirtualStorageLibrary)
object.GetHashCode() (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
object.GetType() (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
object.MemberwiseClone()
(AkiraNetwork.VirtualStorageLibrary)
VirtualDirectoryAdapter<T>
object.ReferenceEquals(object1, object2) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
object.ToString() (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)
1.html)

Namespace: AkiraNetwork (AkiraNetwork.html).VirtualStorageLibrary (AkiraNetwork.VirtualStorageLibrary.html)
VirtualException

Assembly: VirtualStorageLibrary.dll

Syntax: VirtualGroupCondition<T, TKey>

(AkiraNetwork.VirtualStorageLibrary)

public class VirtualItemAdapter<T>

VirtualID

(AkiraNetwork.VirtualStorageLibrary)

Type Parameters:

VirtualItem

Name	Description
VirtualItemAdapter<T>	(AkiraNetwork.VirtualStorageLibrary)
T	(AkiraNetwork.VirtualStorageLibrary)

1.html)

VirtualItem<T>

Constructors

(AkiraNetwork.VirtualStorageLibrary)

1.html)

VirtualNode

VirtualItemAdapter(VirtualStorage<T>)

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeExtensions

public VirtualItemAdapter(VirtualStorage<T> storage)

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeListConditions

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeName

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeNameFilter (AkiraNetwork.VirtualStorageLibrary.VirtualStorage-1.html)<T>

Name

Description

storage

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeTypeFilter

Properties

this[VirtualPath, bool]

Declaration

```
public VirtualItem<T> this[VirtualPath path, bool followLinks = true] { get; set; }
```

(AkiraNetwork.VirtualStorageLibrary)

NotifyNodeDelegate

Parameters

(AkiraNetwork.VirtualStorageLibrary)

Type

PatternMatch

(AkiraNetwork.VirtualStorageLibrary)

VirtualPath

(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

Name

Description

VirtualCycleDetector

(AkiraNetwork.VirtualStorageLibrary)

bool

(https://learn.microsoft.com/dotnet/api/system.boolean)

VirtualDirectory

(AkiraNetwork.VirtualStorageLibrary)

path

VirtualDirectory

(AkiraNetwork.VirtualStorageLibrary)

VirtualDirectoryAdapter<T>

(AkiraNetwork.VirtualStorageLibrary)

Type

VirtualItem<T>(AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html)<T>

Description

VirtualException

(AkiraNetwork.VirtualStorageLibrary)

VirtualGroupCondition<T, TKey>

(AkiraNetwork.VirtualStorageLibrary)

Extension Methods

VirtualTextFormatter.GenerateSingleTableDebugText<T>(T)

VirtualID

(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utils
s_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_)

VirtualItem

(AkiraNetwork.VirtualStorageLibrary)

VirtualItemAdapter<T>

(AkiraNetwork.VirtualStorageLibrary)

VirtualItem<T>(AkiraNetwork.VirtualStorageLibrary)

VirtualItem<T>(AkiraNetwork.VirtualStorageLibrary)

VirtualNode

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeListConditions

(AkiraNetwork.VirtualStorageLibrary)

VirtualnodeName

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeNotFoundException

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeTypeFilter

Class VirtualItem<T>

Represents an item with data of a user-defined type T in the virtual storage.

Filter by title

Inheritance

(AkiraNetwork.VirtualStorageLibrary)

↳ object (<https://learn.microsoft.com/dotnet/api/system.object>)

↳ NotifyNodeDelegate

↳ VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)

↳ VirtualItem (AkiraNetwork.VirtualStorageLibrary.VirtualItem.html)

↳ PatternMatch

↳ VirtualItem<T>

(AkiraNetwork.VirtualStorageLibrary)

Implements

IVirtualCycleDetector

(AkiraNetwork.VirtualStorageLibrary)

IVirtualDeepCloneable (AkiraNetwork.VirtualStorageLibrary.IVirtualDeepCloneable-1.html) <VirtualNode

VirtualDirectory

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)

IDisposable (<https://learn.microsoft.com/dotnet/api/system.idisposable>)

VirtualDirectoryAdapter<T>

Inherited Members

VirtualNode

VirtualNode.Name

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_Name)

VirtualNode.CreatedDate

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_CreatedD

ate) (AkiraNetwork.VirtualStorageLibrary)

VirtualNode.UpdatedDate

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_Updated

Date) (AkiraNetwork.VirtualStorageLibrary)

VirtualNode.VID

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_VID)

VirtualNode.AdapterInStorage

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_IsReferen

cedInStorage)

VirtualItem<T>

([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object))) (AkiraNetwork.VirtualStorageLibrary)

object.Equals(object, object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-object)))

object.GetHashCode () (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)

object.GetType () (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)

object.MemberwiseClone () (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)

object.ReferenceEquals(object, object) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>) (AkiraNetwork.VirtualStorageLibrary)

Namespace: AkiraNetwork (AkiraNetwork.html).VirtualStorageLibrary (AkiraNetwork.VirtualStorageLibrary.html)

VirtualNodeListConditions

Assembly: VirtualStorageLibrary.dll (AkiraNetwork.VirtualStorageLibrary)

Syntax

VirtualNodeName

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeNameFilter: VirtualItem, IVirtualDeepCloneable<VirtualNode>, IDisposable

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeTypeFilter

Name	Description
<i>T</i>	The user-defined type that can be freely specified by the user of this library.

Constructors

VirtualItem()

NotifyNodeDelegate

Initializes a new instance of the VirtualItem<*T*> (AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html) class.

PatternMatch

Declaration

(AkiraNetwork.VirtualStorageLibrary)

VirtualCycleDetector

public class VirtualItem<*T*>

VirtualDirectory

(AkiraNetwork.VirtualStorageLibrary)

VirtualDirectoryAdapter<*T*>

VirtualItem(VirtualnodeName)

1.html)

Initializes a new instance of the VirtualItem<*T*> (AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html) class.

VirtualException

Declaration

(AkiraNetwork.VirtualStorageLibrary)

VirtualGroupCondition<*T*, TKey>

(AkiraNetwork.VirtualStorageLibrary)

public class VirtualItem<*VIRTUALnodeName* name>

2.html)

VirtualID

Parameters

(AkiraNetwork.VirtualStorageLibrary)

Type	Name	Description
(AkiraNetwork.VirtualStorageLibrary)	<i>name</i>	The name of the item.

(AkiraNetwork.VirtualStorageLibrary)

1.html)

VirtualItem(VirtualnodeName, T?)

(AkiraNetwork.VirtualStorageLibrary)

Initializes a new instance of the VirtualItem<*T*> (AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html) class.

VirtualNode

Declaration

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeContext

public class VirtualItem<*VIRTUALnodeName* name, *T?* itemData>

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary)

Parameters

VirtualNodeListConditions

Type	Name	Description
(AkiraNetwork.VirtualStorageLibrary)	<i>name</i>	The name of the item.
<i>T</i> VirtualNodeType	<i>itemData</i>	The data associated with this item. It is user-defined and can hold any type of data.

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeTypeFilter

VirtualItem(VirtualNodeName, T?, DateTime)

Initializes a new instance of the VirtualItem<T> (AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html) class.

Declaration

```
public VirtualItem(VirtualNodeName name, T? itemData, DateTime createdDate)
```

Parameters

Type	Name	Description
VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)	name	The name of the item.
T VirtualDirectory (AkiraNetwork.VirtualStorageLibrary.VirtualDirectory.html)	itemData	The data associated with this item. It is user-defined and can hold any type of data.
DateTime (AkiraNetwork.VirtualStorageLibrary.VirtualDateTime.html) VirtualException (AkiraNetwork.VirtualStorageLibrary.VirtualException.html)	createdDate	The creation date of the item.

VirtualItem(VirtualNodeName, T?, DateTime, DateTime)

Initializes a new instance of the VirtualItem<T> (AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html) class.

Declaration

```
public VirtualItem(VirtualNodeName name, T? itemData, DateTime createdDate, DateTime updatedDate)
```

Parameters

Type	Name	Description
VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)	name	The name of the item.
T VirtualNodeExtensions (AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions.html)	itemData	The data associated with this item. It is user-defined and can hold any type of data.
DateTime (AkiraNetwork.VirtualStorageLibrary.VirtualDateTime.html) VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)	createdDate	The creation date of the item.
DateTime (AkiraNetwork.VirtualStorageLibrary.VirtualDateTime.html) VirtualNodeNotFoundException (AkiraNetwork.VirtualStorageLibrary.VirtualNodeNotFoundException.html)	updatedDate	The last update date of the item.
VirtualNodeType (AkiraNetwork.VirtualStorageLibrary.VirtualNodeType.html)		

Properties

ItemData

Gets or sets the data associated with this item. This value can be null.

Declaration

```
(AkiraNetwork.VirtualStorageLibrary)
public virtual object ItemData { get; set; }
(AkiraNetwork.VirtualStorageLibrary)
PatternMatch
```

Property Value

```
(AkiraNetwork.VirtualStorageLibrary)
```

Type	Description
T	(AkiraNetwork.VirtualStorageLibrary) VirtualDirectory

```
(AkiraNetwork.VirtualStorageLibrary)
VirtualDirectoryAdapter<T>
```

NodeType

```
1.html)
```

Gets the type of the node.

```
VirtualException
```

Declaration

```
(AkiraNetwork.VirtualStorageLibrary)
VirtualGroupCondition<T, TKey>
(AkiraNetwork.VirtualStorageLibrary)
public override VirtualNodeType NodeType { get; }
```

```
2.html)
```

```
VirtualID
```

Property Value

```
VirtualItem
```

Type	Description
(AkiraNetwork.VirtualStorageLibrary) VirtualNodeAdapter<T>	(AkiraNetwork.VirtualStorageLibrary).VirtualNodeType.html

```
(AkiraNetwork.VirtualStorageLibrary)
1.html)
```

Overrides

```
VirtualItem<T>
```

```
(AkiraNetwork.VirtualStorageLibrary)
VirtualNode.NodeType
(AkiraNetwork.VirtualStorageLibrary).VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_NodeType
e)
1.html)
```

```
VirtualNode
```

```
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeContext
```

Methods

```
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeExtensions
```

```
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeExtensions
```

DeepClone(bool)

```
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeExtensions
```

Creates a deep clone of this item.

```
VirtualNodeName
```

Declaration

```
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeNotFoundException
```

```
(AkiraNetwork.VirtualStorageLibrary)
public override VirtualNode DeepClone(bool recursive = false)
VirtualNodeType
```

```
(AkiraNetwork.VirtualStorageLibrary)
VirtualNode
```

Parameters

```
VirtualNodeTypeFilter
```



```
protected ~VirtualItem()
```

ToString()

Returns a string that represents the current object.

(AkiraNetwork.VirtualStorageLibrary)

Declaration

NotifyNodeDelegate

```
public override string ToString()
```

(AkiraNetwork.VirtualStorageLibrary)

Returns

(AkiraNetwork.VirtualStorageLibrary)

Type

VirtualDirectory

(AkiraNetwork.VirtualStorageLibrary)
string (<https://learn.microsoft.com/dotnet/api/system.string>)

Description

A string that represents the current object.

Overrides

1.html)

object.ToString() (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

(AkiraNetwork.VirtualStorageLibrary)

Update(VirtualNode)

(AkiraNetwork.VirtualStorageLibrary)

2.html)

Updates the current item with the specified node's data.

VirtualID

Declaration

(AkiraNetwork.VirtualStorageLibrary)

VirtualItem

```
public void Update(VirtualNode node)
```

VirtualItemAdapter<T>

Parameters

1.html)

Type

VirtualItem<T>

(AkiraNetwork.VirtualStorageLibrary)

Name

node

(AkiraNetwork.VirtualStorageLibrary.VIRTUALNODE.html)

The node containing the data to update.

Overrides

VirtualNodeContext

VirtualNode.Update(VirtualNode)

(AkiraNetwork.VirtualStorageLibrary)

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_Update_A

kiraNetwork_VirtualStorageLibrary_VirtualNode_)

(AkiraNetwork.VirtualStorageLibrary)

Exceptions

(AkiraNetwork.VirtualStorageLibrary)

Type

VirtualNodeName

Condition

(AkiraNetwork.VirtualStorageLibrary)

Thrown if the specified node is not of the same

(VirtualNodeNotFoundException) (<https://learn.microsoft.com/dotnet/api/system.argumentexception>)

type as the current item.

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeTypeFilter

Operators

implicit operator VirtualItem<T>(VirtualNodeName)

Implicitly converts the specified node name to a VirtualItem<T> (AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html).

Declaration

```
(AkiraNetwork.VirtualStorageLibrary.  
    NotifyNodeDelegate  
    p(AkiraNetwork.VirtualStorageLibrary) VirtualItem<T>(VirtualNodeName name)  
    PatternMatch  
    (AkiraNetwork.VirtualStorageLibrary.  
Parameters  
    VirtualCycleDetector  
    Type  
    VirtualDirectory  
    VirtualDirectoryName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)  
    (AkiraNetwork.VirtualStorageLibrary.  
        VirtualDirectoryAdapter<T>  
    Returns  
    (AkiraNetwork.VirtualStorageLibrary.  
        1.html)  
    VirtualException  
    VirtualItem  
    (AkiraNetwork.VirtualStorageLibrary.  
    (AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition<T, TKey>  
    VirtualGroupCondition<T, TKey>  
    allItem-1.html)  
    (AkiraNetwork.VirtualStorageLibrary.  
    <T>  
    2.html)  
    VirtualID  
    (AkiraNetwork.VirtualStorageLibrary.  
    VirtualItem  
    (AkiraNetwork.VirtualStorageLibrary.  
    Convert tuple<nodeName, itemData> to a VirtualItem<T> (AkiraNetwork.VirtualStorageLibrary.VirtualItem-  
    1.html)  
    (AkiraNetwork.VirtualStorageLibrary.  
    1.html)  
    Declaration  
    VirtualItem<T>  
    (AkiraNetwork.VirtualStorageLibrary.  
    public static implicit operator VirtualItem<T>((VirtualNodeName nodeName, T? itemData) tuple  
    e)  
    VirtualNode  
    (AkiraNetwork.VirtualStorageLibrary.  
    VirtualNodeContext  
    (AkiraNetwork.VirtualStorageLibrary.  
    Type  
    VirtualNodeExtensions  
    (AkiraNetwork.VirtualStorageLibrary.  
    (VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)  
    nodeName (https://learn.microsoft.com/dotnet/api/system.valuetuple-  
    akiraneetwork.virtualstorage.library.VirtualnodeName,-0-.nodename)  
, T VirtualNodeName  
    itemData (https://learn.microsoft.com/dotnet/api/system.valuetuple-  
    akiraneetwork.virtualstorage.library.VirtualNodeName,-0-.itemdata)  
) (AkiraNetwork.VirtualStorageLibrary.  
    VirtualNodeType  
    (AkiraNetwork.VirtualStorageLibrary.  
    Returns  
    VirtualNodeTypeFilter
```

Type	Name	Description
AkiraNetwork.VirtualStorageLibrary.VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)	name	The name of the node.

Type	Description
AkiraNetwork.VirtualStorageLibrary.VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)	A VirtualItem<T> (AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html) initialized with the specified node name.

implicit operator VirtualItem<T>((VirtualNodeName nodeName, T? itemData))

Convert tuple<nodeName, itemData> to a VirtualItem<T> (AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html)

Declaration

```
VirtualItem<T>((VirtualNodeName nodeName, itemData) tuple  
e)
```

Parameters

Type	Name	Description
(VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html) VirtualNodeListCondition VirtualNodeName,-0-.nodename)	tuple	A tuple containing the node name and item data.

```
, T VirtualNodeName  
itemData (https://learn.microsoft.com/dotnet/api/system.valuetuple-  
akiraneetwork.virtualstorage.library.VirtualnodeName,-0-.itemdata)  
) (AkiraNetwork.VirtualStorageLibrary.  
VirtualNodeType  
VirtualNodeTypeFilter
```

Type	Description
VirtualItem (AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html) <T> ▼	A VirtualItem<T> (AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html) initialized with the specified values.

(AkiraNetwork.VirtualStorageLibrary)

implicit operator VirtualItem<T>(T?)

(AkiraNetwork.VirtualStorageLibrary)
Implicitly converts the specified data of type T to a VirtualItem<T>
PatternMatch
(AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html).
(AkiraNetwork.VirtualStorageLibrary)

Declaration

```
(AkiraNetwork.VirtualStorageLibrary)
VirtualDirectory
public static implicit operator VirtualItem<T>(T? itemData)
(AkiraNetwork.VirtualStorageLibrary)
VirtualDirectoryAdapter<T>
```

Parameters

(AkiraNetwork.VirtualStorageLibrary)

Type	Name	Description
VirtualException		

T (AkiraNetwork.VirtualStorageLibrary) The data associated with this item. It is user-defined and can hold any type of data.

VirtualGroupCondition<T, TKey>

Returns

(AkiraNetwork.VirtualStorageLibrary)

Type	Description
VirtualID	A VirtualItem<T> (AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html) initialized with the specified data.

Implements

(AkiraNetwork.VirtualStorageLibrary)

IVirtualDeepCloneable<T> (AkiraNetwork.VirtualStorageLibrary.IVirtualDeepCloneable-1.html)

IDisposable (<https://learn.microsoft.com/dotnet/api/system.idisposable>)

(AkiraNetwork.VirtualStorageLibrary)

Extension Methods

(AkiraNetwork.VirtualStorageLibrary)

VirtualTextFormatterExtensions.GenerateSingleTableDebugText<T>(T)

(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utils_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_)

VirtualNodeExtensions.ResolveNodeType(VirtualNode)

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_Extensions_ResolveNodeType_AkiraNetwork_VirtualStorageLibrary_VirtualNode_)

VirtualNodeNotFoundException

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeTypeFilter



(AkiraNetwork.VirtualStorageLibrary)
NotifyNodeDelegate
(AkiraNetwork.VirtualStorageLibrary)
PatternMatch
(AkiraNetwork.VirtualStorageLibrary)
VirtualCycleDetector
(AkiraNetwork.VirtualStorageLibrary)
VirtualDirectory
(AkiraNetwork.VirtualStorageLibrary)
VirtualDirectoryAdapter<T>
(AkiraNetwork.VirtualStorageLibrary)
1.html)
VirtualException
(AkiraNetwork.VirtualStorageLibrary)
VirtualGroupCondition<T, TKey>
(AkiraNetwork.VirtualStorageLibrary)
2.html)
VirtualID
(AkiraNetwork.VirtualStorageLibrary)
VirtualItem
(AkiraNetwork.VirtualStorageLibrary)
VirtualItemAdapter<T>
(AkiraNetwork.VirtualStorageLibrary)
1.html)
VirtualItem<T>
(AkiraNetwork.VirtualStorageLibrary)
1.html)
VirtualNode
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeContext
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeExtensions
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeListConditions
(AkiraNetwork.VirtualStorageLibrary)
VirtualnodeName
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeNotFoundException
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeType
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeTypeFilter

Class VirtualNode

Represents an abstract class for nodes.

Filter by title

Inheritance

(AkiraNetwork.VirtualStorageLibrary)

↳ object (<https://learn.microsoft.com/dotnet/api/system.object>)

↳ NotifyNodeDelegate

↳ VirtualNode

(AkiraNetwork.VirtualStorageLibrary)

↳ VirtualDirectory

(AkiraNetwork.VirtualStorageLibrary.VirtualDirectory.html)

↳ VirtualItem

(AkiraNetwork.VirtualStorageLibrary.VirtualItem.html)

↳ VirtualSymbolicLink

(AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink.html)

↳ VirtualCycleDetector

(AkiraNetwork.VirtualStorageLibrary)

↳ VirtualDirectory

IVirtualDeepCloneable ([AkiraNetwork.VirtualStorageLibrary.IVirtualDeepCloneable-1.html](#)) <VirtualNode>

(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)

↳ VirtualDirectoryAdapter<T>

Inherited Members

(AkiraNetwork.VirtualStorageLibrary)

object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))

VirtualException

object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))

VirtualGroupCondition<TKey>

object.GetHashCode() (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)

object.GetType() (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)

object.MemberwiseClone() (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)

object.ReferenceEquals(object, object) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)

object.ToString() (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

(AkiraNetwork.VirtualStorageLibrary)

Namespace: AkiraNetwork ([AkiraNetwork.html](#)).VirtualStorageLibrary ([AkiraNetwork.VirtualStorageLibrary.html](#))

VirtualItemAdapter<T>

Assembly: VirtualStorageLibrary.dll

(AkiraNetwork.VirtualStorageLibrary)

Syntax

.html)

VirtualItem<T>

public class VirtualNode : IVirtualDeepCloneable<VirtualNode>

1.html)

VirtualNode

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary)

VirtualNode(VirtualNodeName)

(AkiraNetwork.VirtualStorageLibrary)

Initializes a new instance of the VirtualNode ([AkiraNetwork.VirtualStorageLibrary.VirtualNode.html](#)) class.

(AkiraNetwork.VirtualStorageLibrary)

Declaration

VirtualnodeName

(AkiraNetwork.VirtualStorageLibrary)

protected NodeNotFoundException VirtualnodeName name)

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeTypeFilter

Type	Name	Description
VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)	name	The name of node.

VirtualNode(VirtualNodeName, DateTime)

Initializes a new instance of the VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html) class.
 (AkiraNetwork.VirtualStorageLibrary)

Declaration

```
(AkiraNetwork.VirtualStorageLibrary)
protected VirtualNode(VirtualNodeName name, DateTime createdDate)
(AkiraNetwork.VirtualStorageLibrary)
  VirtualCycleDetector
```

Parameters

Type	VirtualDirectoryName (AkiraNetwork.VirtualStorageLibrary)	Name	Description
VirtualDirectoryName	VirtualDirectoryNameAdapter<T> (AkiraNetwork.VirtualStorageLibrary)	name	The name of node.
DateTime	DateTime (https://learn.microsoft.com/dotnet/api/system.datetime) VirtualException (AkiraNetwork.VirtualStorageLibrary)	createdDate	The created date of node.

VirtualGroupCondition<T, TKey>	(AkiraNetwork.VirtualStorageLibrary)
--------------------------------	--------------------------------------

VirtualNode(VirtualNodeName, DateTime, DateTime)

VirtualID
 Initializes a new instance of the VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html) class.
 (AkiraNetwork.VirtualStorageLibrary)

Declaration

```
(AkiraNetwork.VirtualStorageLibrary)
VirtualItemAdapter<T>
protected VirtualNode(VirtualNodeName name, DateTime createdDate, DateTime updatedDate)
(AkiraNetwork.VirtualStorageLibrary)
  1.html)
```

Parameters

Type	(AkiraNetwork.VirtualStorageLibrary)	Name	Description
VirtualDirectoryName	VirtualDirectoryNameAdapter<T> (AkiraNetwork.VirtualStorageLibrary)	name	The name of node.
VirtualNodeContext	DateTime (https://learn.microsoft.com/dotnet/api/system.datetime) (AkiraNetwork.VirtualStorageLibrary)	createdDate	The created date of node.
VirtualNodeExtensions	VirtualNodeListConditions (AkiraNetwork.VirtualStorageLibrary)	updatedDate	The updated date of node.

VirtualNodeName	(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeNotFoundException	(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeType	(AkiraNetwork.VirtualStorageLibrary)
CreatedDate	VirtualNodeTypeFilter (AkiraNetwork.VirtualStorageLibrary)

Gets the created date of the node. This date represents when the node was first created.

Declaration

```
public DateTime CreatedDate { get; }
```



Property Value

Type	Description
(AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate DateTime (https://learn.microsoft.com/dotnet/api/system.datetime) (AkiraNetwork.VirtualStorageLibrary.PatternMatch (AkiraNetwork.VirtualStorageLibrary.VirtualCycleDetector (AkiraNetwork.VirtualStorageLibrary.VirtualDirectoryAdapter<T> (AkiraNetwork.VirtualStorageLibrary.VirtualException (AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition<T, TKey> (AkiraNetwork.VirtualStorageLibrary.VirtualItem (AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter<T> (AkiraNetwork.VirtualStorageLibrary.VirtualNode VirtualNodeContext (AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions VirtualnodeName (https://learn.microsoft.com/dotnet/api/AkiraNetwork.VirtualStorageLibrary.VirtualnodeName.html) VirtualNodeListConditions (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName VirtualNodeType (AkiraNetwork.VirtualStorageLibrary.VirtualNodeType VirtualNodeTypeFilter	

IsReferencedInStorage

(AkiraNetwork.VirtualStorageLibrary)

Gets [VirtualDirectory](#) indicating whether referenced in storage. If this property is true, the node is referenced from storage.

Other ([AkiraNetwork.VirtualStorageLibrary](#))

VirtualDirectoryAdapter<T>

(AkiraNetwork.VirtualStorageLibrary)

1.html)

```
public bool IsReferencedInStorage { get; }
```

VirtualException

(AkiraNetwork.VirtualStorageLibrary)

VirtualGroupCondition<T, TKey>

(AkiraNetwork.VirtualStorageLibrary)

Property Value

Type	Description
2.html)	

VirtualID

bool (<https://learn.microsoft.com/dotnet/api/system.boolean>)

(AkiraNetwork.VirtualStorageLibrary)

VirtualItem

(AkiraNetwork.VirtualStorageLibrary)

Name

(AkiraNetwork.VirtualStorageLibrary)

Gets the name of node.

1.html)

VirtualItem<T>

(AkiraNetwork.VirtualStorageLibrary)

1.html)

```
public VirtualnodeName Name { get; }
```

VirtualNode

(AkiraNetwork.VirtualStorageLibrary)

Property Value

Type	Description
(AkiraNetwork.VirtualStorageLibrary)	

VirtualNodeExtensions

VirtualnodeName (<https://learn.microsoft.com/dotnet/api/AkiraNetwork.VirtualStorageLibrary.VirtualnodeName.html>)

VirtualNodeListConditions

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeName

(AkiraNetwork.VirtualStorageLibrary)

Gets [VirtualNodeNotFoundException](#).

(AkiraNetwork.VirtualStorageLibrary)

Declaration

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeTypeFilter

```
public abstract VirtualNodeType NodeType { get; }
```

Property Value

Type	Description
VirtualNodeType (AkiraNetwork.VirtualStorageLibrary.VirtualNodeType.html) (AkiraNetwork.VirtualStorageLibrary NotifyNodeDelegate (AkiraNetwork.VirtualStorageLibrary PatternMatch (AkiraNetwork.VirtualStorageLibrary Gets the updated date of the node. This date represents the last time the node was modified. It is set to the current date and time at the moment of instantiation or cloning. (AkiraNetwork.VirtualStorageLibrary Declaration	Directory

UpdatedDate

Gets the updated date of the node. This date represents the last time the node was modified. It is set to the current date and time at the moment of instantiation or cloning.
(AkiraNetwork.VirtualStorageLibrary
1.html)

Property Value

Type	Description
AkiraNetwork.VirtualStorageLibrary VirtualGroupCondition<T, TKey> DateTime (https://learn.microsoft.com/dotnet/api/system.datetime) (AkiraNetwork.VirtualStorageLibrary 2.html)	

VirtualID

(AkiraNetwork.VirtualStorageLibrary
VirtualItem
Gets the VID of node
(AkiraNetwork.VirtualStorageLibrary
VirtualItemAdapter<T>

Declaration
(AkiraNetwork.VirtualStorageLibrary
1.html)
public VirtualID VID { get; }
VirtualItem<T>
(AkiraNetwork.VirtualStorageLibrary
1.html)

Property Value

Type	Description
AkiraNetwork.VirtualStorageLibrary VirtualNode VirtualData (AkiraNetwork.VirtualStorageLibrary.VirtualID.html) (AkiraNetwork.VirtualStorageLibrary VirtualNodeExtensions (AkiraNetwork.VirtualStorageLibrary VirtualNodeListConditions (AkiraNetwork.VirtualStorageLibrary VirtualNodeName (AkiraNetwork.VirtualStorageLibrary DeepClone(bool)	

Methods

VirtualNodeNotNotFoundException
(AkiraNetwork.VirtualStorageLibrary
Creates a deep clone of the storage library. However, the CreatedDate and UpdatedDate should not be cloned as they are set to VirtualNode date and time at the time of cloning.

(AkiraNetwork.VirtualStorageLibrary
Declaration
VirtualNodeTypeFilter

```
public abstract VirtualNode DeepClone(bool recursive = false)
```

Parameters

Type	Name	Description
bool <small>(http://schemas.microsoft.com/2002/10/links/urn:nbn:de:hbz:5:1-1000000000)</small>	recursive <small>(http://schemas.microsoft.com/2002/10/links/urn:nbn:de:hbz:5:1-1000000001)</small>	When true, all child nodes are also cloned, creating a deep copy of the entire virtual storage tree. The default is false. The CreatedDate and UpdatedDate properties are not often used by delegates. <small>(http://schemas.microsoft.com/2002/10/links/urn:nbn:de:hbz:5:1-1000000002)</small> They are set to the current date and time at the moment of system initiation or cloning.

PatternMatch

Returns AkiraNetwork.VirtualStorageLibrary.

Type	Description
VirtualCycleDetector (AkiraNetwork.VirtualStorageLibrary)	
VirtualDirectory (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)	Cloned VirtualNode
VirtualDirectoryAdapter<T> (AkiraNetwork.VirtualStorageLibrary)	(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html) instance

Update(VirtualNode)

Updates the VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html).
3.html)

Declaring a variable

(AkiraNetwork VirtualStorage) library

```
public abstract void Update(VirtualNode node)  
(AkiraNetwork VirtualStorage library)
```

VirtuallItemAdapter<T>

Parameters

(AKL) aNetwork.virtualStorageLibrary

Type	Name	Description
VirtualItem<T>		
VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html) (AkiraNetwork.VirtualStorageLibrary.VirtualItem.html)	node	Value to update

1.html)

VirtualNode

Implementations

VirtualNodeContext

ualDeepCloneable<T>(AkiraNetworkVirtual)

Mitsubishi Electric

VirtualNodeExtensions

Extension Methods

VirtualNodeListConditions

VirtualTextFormatter.GenerateSingleTableDebugText<T>(T)
(AkiraNetwork.VirtualStorage library)

s_VirtualTextFormatter GenerateSingleTableDebugText_1_0_0
(AkiraNetwork VirtualStorage Library)

```
(VirtualNetwork.VirtualStorageBaseVirtualNodeExtensions.ResolveNodeType(VirtualNode)
```

VirtualNodeNotFoundException' > ,
(AkiraNetwork VirtualStorageLibrary VirtualNodeExtensi

[AkiraNetwork_VirtualStorageLibrary_VirtualNodeExtensions.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_\(AkiraNetwork_VirtualStorageLibrary_VirtualNodeExtensions_ResolveNodeType_AkiraNetwork_VirtualStorageLibrary_VirtualNode_\)](#)

VirtuafNode type `VirtualNode`

(AkiraNetwork.Virtual)

VirtualNodeTypeFilter



(AkiraNetwork.VirtualStorageLibrary)
NotifyNodeDelegate
(AkiraNetwork.VirtualStorageLibrary)
PatternMatch
(AkiraNetwork.VirtualStorageLibrary)
VirtualCycleDetector
(AkiraNetwork.VirtualStorageLibrary)
VirtualDirectory
(AkiraNetwork.VirtualStorageLibrary)
VirtualDirectoryAdapter<T>
(AkiraNetwork.VirtualStorageLibrary)
1.html)
VirtualException
(AkiraNetwork.VirtualStorageLibrary)
VirtualGroupCondition<T, TKey>
(AkiraNetwork.VirtualStorageLibrary)
2.html)
VirtualID
(AkiraNetwork.VirtualStorageLibrary)
VirtualItem
(AkiraNetwork.VirtualStorageLibrary)
VirtualItemAdapter<T>
(AkiraNetwork.VirtualStorageLibrary)
1.html)
VirtualItem<T>
(AkiraNetwork.VirtualStorageLibrary)
1.html)
VirtualNode
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeContext
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeExtensions
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeListConditions
(AkiraNetwork.VirtualStorageLibrary)
VirtualnodeName
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeNotFoundException
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeType
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeTypeFilter

Class VirtualNodeContext

Inheritance

↳ [Object](#) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ [VirtualNodeContext](#)
 (AkiraNetwork.VirtualStorageLibrary)

Inherited Members

NotifyNodeDelegate

object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
PatternMatch

object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
VirtualCycleDetector

object.GetHashCode() (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)

object.GetType() (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)

object.MemberwiseClone() (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)

object.ReferenceEquals(object1, object2) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
 (AkiraNetwork.VirtualStorageLibrary)

Namespace: AkiraNetwork (<https://learn.microsoft.com/html>).VirtualStorageLibrary (<https://learn.microsoft.com/html>)

Assembly: VirtualStorageLibrary.dll

VirtualException

Syntax

```
(AkiraNetwork.VirtualStorageLibrary)
    VirtualGroupCondition<T, TKey>
    (AkiraNetwork.VirtualStorageLibrary)
        2.html)
    VirtualID
    (AkiraNetwork.VirtualStorageLibrary)
        VirtualItem
```

Constructors

**VirtualNodeContext(VirtualNode?, VirtualPath, VirtualDirectory?, int, int,
VirtualPath?, bool, VirtualSymbolicLink?)**

Declaration

```
(AkiraNetwork.VirtualStorageLibrary)
    1.html)
public VirtualNodeContext(VirtualNode? node, VirtualPath traversalPath, VirtualDirectory? pa
    VirtualNode? null, int depth = 0, int index = 0, VirtualPath? resolvedPath = null, bool resolv
    (AkiraNetwork.VirtualStorageLibrary)
        ed = false, VirtualSymbolicLink? resolvedLink = null)
```

VirtualNodeContext

```
(AkiraNetwork.VirtualStorageLibrary)
```

Parameters

VirtualNodeExtensions

Type	Name	Description
VirtualNodeListConditions		
VirtualNode (https://learn.microsoft.com/html).VirtualStorageLibrary.VirtualNode.html)	node	
VirtualPath (https://learn.microsoft.com/html).VirtualStorageLibrary.VirtualPath.html)	traversalPath	
VirtualDirectory (https://learn.microsoft.com/html).VirtualStorageLibrary.VirtualDirectory.html)	parentNode	
int (https://learn.microsoft.com/html).dotnet/api/system.int32)	depth	
VirtualNodeType		
int (https://learn.microsoft.com/html).dotnet/api/system.int32)	index	
VirtualNodeTypeFilter		

ParentDirectory

Declaration

```
public VirtualDirectory? ParentDirectory { get; set; }
```



Property Value

Type	Description
NotifyNodeDelegate<VirtualDirectory> (AkiraNetwork.VirtualStorageLibrary.VirtualDirectory.html)	

Resolved

Declaration
Directory
(AkiraNetwork.VirtualStorageLibrary)

```
public VirtualDirectoryAdapter<T> Get; set; }  
(AkiraNetwork.VirtualStorageLibrary)  
1.html)
```

Property Value

Type	Description
AkiraNetwork.VirtualStorageLibrary	

VirtualException

```
VirtualGroupCondition<T, TKey>  
bool (https://learn.microsoft.com/dotnet/api/system.boolean)
```

(AkiraNetwork.VirtualStorageLibrary)

2.html)

VirtualID

ResolvedLink

Declaration
VirtualItem
(AkiraNetwork.VirtualStorageLibrary)

```
VirtualItemAdapter<T>  
public VirtualLink ResolvedLink { get; set; }  
1.html)
```

Property Value

(AkiraNetwork.VirtualStorageLibrary)

Type	Description
.html)	

VirtualNode

VirtualSymbolicLink (AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink.html)

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary)

ResolvedPath

Declaration
VirtualNodeListConditions
(AkiraNetwork.VirtualStorageLibrary)

```
public VirtualPath? ResolvedPath { get; set; }  
VirtualNodeName
```

(AkiraNetwork.VirtualStorageLibrary)

Property Value

(AkiraNetwork.VirtualStorageLibrary)

Type	Description
VirtualNodeType (AkiraNetwork.VirtualStorageLibrary)	

VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

VirtualNodeTypeFilter

TraversalPath

Declaration

```
public VirtualPath TraversalPath { get; set; }
```



Property Value

Type	Description
(AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate)	
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	
(AkiraNetwork.VirtualStorageLibrary.PatternMatch)	
(AkiraNetwork.VirtualStorageLibrary.VirtualCycleDetector)	

Methods

VirtualStorageLibrary

VirtualDirectory

(AkiraNetwork.VirtualStorageLibrary.VirtualDirectory)

ToString()

DirectoryAdapter<T>
(AkiraNetwork.VirtualStorageLibrary.VirtualDirectoryAdapter<T>)

Returns a string that represents the current object.

1.html

VirtualException

(AkiraNetwork.VirtualStorageLibrary.VirtualException)

VirtualGroupCondition<T,TKey>

public override string ToString()

(AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition<T,TKey>)

2.html

Return Value

Type	Description
VirtualItem	

string (AkiraNetwork.VirtualStorageLibrary.VirtualItem)

(https://learn.microsoft.com/dotnet/api/system.string)

VirtualItemAdapter<T>

(AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter<T>)

1.html

object.ToString() (https://learn.microsoft.com/dotnet/api/system.object.tostring)

VirtualItem<T>

(AkiraNetwork.VirtualStorageLibrary.VirtualItem<T>)

1.html

Extension Methods

VirtualTextFormatter.GenerateSingleTableDebugText<T>(T)

(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utils

s_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_)

(AkiraNetwork.VirtualStorageLibrary.VirtualTextFormatter)

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions)

VirtualNodeListConditions

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeListConditions)

VirtualNodeName

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeName)

VirtualNodeNotFoundException

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeNotFoundException)

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeType)

VirtualNodeTypeFilter

Class VirtualNodeExtensions

Inheritance

↳ [Object](#) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ [VirtualNodeExtensions](#)
(AkiraNetwork.VirtualStorageLibrary)

Inherited Members

NotifyNodeDelegate

object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
PatternMatch
(AkiraNetwork.VirtualStorageLibrary)
object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
VirtualCycleDetector
(AkiraNetwork.VirtualStorageLibrary)
object.GetHashCode() (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
object.GetType() (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
object.MemberwiseClone()
(AkiraNetwork.VirtualStorageLibrary)
object.ReferenceEquals(object, Object) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
object.ToString() (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)
1.html)

Namespace: AkiraNetwork (AkiraNetwork.html).VirtualStorageLibrary (AkiraNetwork.VirtualStorageLibrary.html)
VirtualException

Assembly: VirtualStorageLibrary.dll

Syntax: VirtualGroupCondition<T, TKey>

(AkiraNetwork.VirtualStorageLibrary)
public static class VirtualNodeExtensions

VirtualID

(AkiraNetwork.VirtualStorageLibrary)

VirtualItem

(AkiraNetwork.VirtualStorageLibrary)

Methods

Adapter<T>

(AkiraNetwork.VirtualStorageLibrary)

1.html)

ResolveNodeType(VirtualNode)

(AkiraNetwork.VirtualStorageLibrary)

1.html)

VirtualNode

public static VirtualNodeType ResolveNodeType(this VirtualNode node)

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeExtensions

Type	Name	Description
(AkiraNetwork.VirtualStorageLibrary)	node	

VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)

(AkiraNetwork.VirtualStorageLibrary)

VirtualnodeName

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeNotFoundException

Type	Description
(AkiraNetwork.VirtualStorageLibrary)	

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeTypeFilter



(AkiraNetwork.VirtualStorageLibrary)
NotifyNodeDelegate
(AkiraNetwork.VirtualStorageLibrary)
PatternMatch
(AkiraNetwork.VirtualStorageLibrary)
VirtualCycleDetector
(AkiraNetwork.VirtualStorageLibrary)
VirtualDirectory
(AkiraNetwork.VirtualStorageLibrary)
VirtualDirectoryAdapter<T>
(AkiraNetwork.VirtualStorageLibrary)
1.html)
VirtualException
(AkiraNetwork.VirtualStorageLibrary)
VirtualGroupCondition<T, TKey>
(AkiraNetwork.VirtualStorageLibrary)
2.html)
VirtualID
(AkiraNetwork.VirtualStorageLibrary)
VirtualItem
(AkiraNetwork.VirtualStorageLibrary)
VirtualItemAdapter<T>
(AkiraNetwork.VirtualStorageLibrary)
1.html)
VirtualItem<T>
(AkiraNetwork.VirtualStorageLibrary)
1.html)
VirtualNode
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeContext
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeExtensions
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeListConditions
(AkiraNetwork.VirtualStorageLibrary)
VirtualnodeName
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeNotFoundException
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeType
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeTypeFilter

Struct VirtualNodeListConditions

Inherited Members

Filter by title
ValueType.Equals(object) (<https://learn.microsoft.com/dotnet/api/system.valuetype.equals>)
ValueType.GetHashCode() (<https://learn.microsoft.com/dotnet/api/system.valuetype.gethashcode>)
ValueType.ToString() (<https://learn.microsoft.com/dotnet/api/system.valuetype.tostring>)
object.Equals(object, object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
PatternMatch
object.GetType() (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
object.ReferenceEquals(object, object) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
VirtualCycleDetector

Namespace: AkiraNetwork (AkiraNetwork.html).VirtualStorageLibrary (AkiraNetwork.VirtualStorageLibrary.html)

Assembly: VirtualStorageLibrary.dll

Syntax

```
public struct VirtualNodeListConditions
```

Constructors

VirtualNodeListConditions()

```
(AkiraNetwork.VirtualStorageLibrary)
```

VirtualItem
(AkiraNetwork.VirtualStorageLibrary)

```
public VirtualNodeListConditions()
```

VirtualItemAdapter<T>
(AkiraNetwork.VirtualStorageLibrary)

```
VirtualItemAdapter<T>
```

VirtualNodeListConditions(VirtualNodeTypeFilter, VirtualGroupCondition<VirtualNode, object>?, List<VirtualSortCondition<VirtualNode>>?)

```
(AkiraNetwork.VirtualStorageLibrary)
```

VirtualNodeContext
(AkiraNetwork.VirtualStorageLibrary)

```
public VirtualNodeListConditions(VirtualNodeTypeFilter filter, VirtualGroupCondition<VirtualNode>? groupCondition, List<VirtualSortCondition<VirtualNode>>? sortConditions)
```

VirtualNodeExtension
(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeListConditions
(AkiraNetwork.VirtualStorageLibrary)

Parameters
(AkiraNetwork.VirtualStorageLibrary)

Type	Name	Description
VirtualNodeName (AkiraNetwork.VirtualStorageLibrary)	filter	

VirtualNodeType
(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeTypeFilter
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeTypeFilter.html)

VirtualNodeType
(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeTypeFilter
(AkiraNetwork.VirtualStorageLibrary)

Type	Name	Description
VirtualGroupCondition (AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition-2.html) <VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html), object (https://learn.microsoft.com/dotnet/api/system.object)> ▼ List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< VirtualSortCondition (AkiraNetwork.VirtualStorageLibrary.VirtualSortCondition- 1.html) NotifyNodeDelegate <VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)>	groupCondition	
PatternMatch (AkiraNetwork.VirtualStorageLibrary) VirtualCycleDetector (AkiraNetwork.VirtualStorageLibrary) VirtualDirectory (AkiraNetwork.VirtualStorageLibrary) VirtualDirectoryAdapter<T> (AkiraNetwork.VirtualStorageLibrary) Declaration 1.html VirtualException public virtual INodeTypeFilter Filter { readonly get; set; } VirtualGroupCondition<T, TKey> (AkiraNetwork.VirtualStorageLibrary) Property Value 2.html	sortConditions	

Properties

Filter
VirtualDirectoryAdapter<T>
(AkiraNetwork.VirtualStorageLibrary)
Declaration
1.html

VirtualException
public virtual INodeTypeFilter Filter { readonly get; set; }

VirtualGroupCondition<T, TKey>
(AkiraNetwork.VirtualStorageLibrary)
Property Value
2.html

Type	Description
VirtualID (AkiraNetwork.VirtualStorageLibrary) VirtualNodeTypeFilter (AkiraNetwork.VirtualStorageLibrary.VirtualNodeTypeFilter.html) VirtualItem (AkiraNetwork.VirtualStorageLibrary) VirtualItemAdapter<T> (AkiraNetwork.VirtualStorageLibrary)	

GroupCondition

Declaration
VirtualItem<T>
(AkiraNetwork.VirtualStorageLibrary)
public virtual VirtualGroupCondition<VirtualNode, object>? GroupCondition { readonly get; set; }
VirtualNode
(AkiraNetwork.VirtualStorageLibrary)
Property Value
VirtualNodeContext
(AkiraNetwork.VirtualStorageLibrary)

Type	Description
VirtualNodeExtensions (AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition-2.html)< VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html), object (https://learn.microsoft.com/dotnet/api/system.object)> (AkiraNetwork.VirtualStorageLibrary)	

SortConditions

Declaration
VirtualNodeType
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeTypeFilter
(AkiraNetwork.VirtualStorageLibrary)

```
public List<VirtualSortCondition<VirtualNode>>? SortConditions { readonly get; set; }
```

Property Value

Type	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< VirtualSortCondition<VirtualNode>> (AkiraNetwork.VirtualStorageLibrary.VirtualSortCondition-1.html)< VirtualNode> (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)>>	

(AkiraNetwork.VirtualStorageLibrary.VirtualSortCondition-1.html)
PatternMatch

(AkiraNetwork.VirtualStorageLibrary.VirtualCycleDetector)

VirtualTextFormatter.GenerateSingleTableDebugText<T>(T)

(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utils
ies_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_)

VirtualDirectoryAdapter<T>

(AkiraNetwork.VirtualStorageLibrary.VirtualDirectoryAdapter-1.html)

VirtualException

(AkiraNetwork.VirtualStorageLibrary.VirtualException-1.html)

VirtualGroupCondition<T, TKey>

(AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition-2.html)

VirtualID

(AkiraNetwork.VirtualStorageLibrary.VirtualID-1.html)

VirtualItem

(AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html)

VirtualItemAdapter<T>

(AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter-1.html)

VirtualItem<T>

(AkiraNetwork.VirtualStorageLibrary.VirtualItemT-1.html)

VirtualNode

(AkiraNetwork.VirtualStorageLibrary.VirtualNode-1.html)

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeContext-1.html)

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions-1.html)

VirtualNodeListConditions

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeListConditions-1.html)

VirtualnodeName

(AkiraNetwork.VirtualStorageLibrary.VirtualnodeName-1.html)

VirtualNodeNotFoundException

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeNotFoundException-1.html)

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeType-1.html)

VirtualNodeTypeFilter

Extension Methods

(AkiraNetwork.VirtualStorageLibrary.VirtualStorageLibraryExtensions)

VirtualTextFormatter.GenerateSingleTableDebugText_1__0_()

(AkiraNetwork.VirtualStorageLibrary.VirtualTextFormatterExtensions)

VirtualDirectoryAdapter_1__0_()

(AkiraNetwork.VirtualStorageLibrary.VirtualDirectoryAdapterExtensions)

VirtualItem_1__0_()

(AkiraNetwork.VirtualStorageLibrary.VirtualItemExtensions)

VirtualItemAdapter_1__0_()

(AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapterExtensions)

VirtualItemT_1__0_()

(AkiraNetwork.VirtualStorageLibrary.VirtualItemTExtensions)

VirtualNode_1__0_()

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions)

VirtualNodeContext_1__0_()

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeContextExtensions)

VirtualNodeExtensions_1__0_()

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensionsExtensions)

VirtualNodeListConditions_1__0_()

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeListConditionsExtensions)

VirtualnodeName_1__0_()

(AkiraNetwork.VirtualStorageLibrary.VirtualnodeNameExtensions)

VirtualNodeNotFoundException_1__0_()

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeNotFoundExceptionExtensions)

VirtualNodeType_1__0_()

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeTypeExtensions)

VirtualNodeTypeFilter_1__0_()

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeTypeFilterExtensions)

Class VirtualnodeName

Inheritance

↳ [Object](#) (<https://learn.microsoft.com/dotnet/api/system.object>)

↳ [VirtualnodeName](#)
([AkiraNetwork.VirtualStorageLibrary](#))

Implements

[INotifyNodeDelegate](#)
([AkiraNetwork.VirtualStorageLibrary](#))

[IEquatable<VirtualnodeName>](#)
([AkiraNetwork.VirtualStorageLibrary](#))

[IComparable<VirtualnodeName>](#)
([AkiraNetwork.VirtualStorageLibrary](#))

[INodeDetector](#)
([AkiraNetwork.VirtualStorageLibrary](#))

[IComparable](#) (<https://learn.microsoft.com/dotnet/api/system.icomparable>)

Inherited Members

[VirtualDirectory](#)
([AkiraNetwork.VirtualStorageLibrary](#))

[object.Equals\(object, object\)](#) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))

[object.GetType\(\)](#) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)

[object.MemberwiseClone\(\)](#) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)

[object.ReferenceEquals\(object, object\)](#) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)

[Namespace](#) ([AkiraNetwork\(AkiraNetworkKey.html\)](#)).VirtualStorageLibrary ([AkiraNetwork.VirtualStorageLibrary.html](#))

[Assembly](#) ([AkiraNetwork.VirtualStorageLibrary.dll](#))

Syntax

[VirtualID](#)

([AkiraNetwork.VirtualStorageLibrary](#))

```
public class VirtualnodeName : IEquatable<VirtualnodeName>, IComparable<VirtualnodeName>, IComparable
```

[VirtualItem](#)
([AkiraNetwork.VirtualStorageLibrary](#))

[VirtualItemAdapter<T>](#)

([AkiraNetwork.VirtualStorageLibrary](#))

Constructors

[VirtualItem<T>](#)

([AkiraNetwork.VirtualStorageLibrary](#))

VirtualnodeName(string)

[VirtualNode](#)

[Declaration](#)
([AkiraNetwork.VirtualStorageLibrary](#))

[VirtualNodeContext](#)

[public VirtualnodeName\(string name\)](#)

([AkiraNetwork.VirtualStorageLibrary](#))

Parameters

[VirtualNodeListConditions](#)

([AkiraNetwork.VirtualStorageLibrary](#))

[Type](#)
([AkiraNetwork.VirtualStorageLibrary](#))

[VirtualnodeName](#)

([AkiraNetwork.VirtualStorageLibrary](#))

[string](#) (<https://learn.microsoft.com/dotnet/api/system.string>)

([AkiraNetwork.VirtualStorageLibrary](#))

[VirtualNodeNotFoundException](#)

([AkiraNetwork.VirtualStorageLibrary](#))

[VirtualNodeType](#)

([AkiraNetwork.VirtualStorageLibrary](#))

[VirtualNodeTypeFilter](#)

Properties

Type	Name	Description
VirtualnodeName (AkiraNetwork.VirtualStorageLibrary)	name	

IsRoot

Declaration

```
public bool IsRoot { get; }
```



Property Value

Type	Description
NotifyNodeDelegate<bool> (https://learn.microsoft.com/dotnet/api/system.boolean)	

Name

VirtualDirectoryName
(AkiraNetwork.VirtualStorageLibrary.VirtualDirectoryName.html)

Declaration

```
public string VirtualDirectoryName { get; }  
    (AkiraNetwork.VirtualStorageLibrary.VirtualDirectoryName.html)
```

Property Value

Type	Description
VirtualGroupCondition<T, TKey> string (https://learn.microsoft.com/dotnet/api/system.string)	

Methods

CompareTo(VirtualNodeName?)
(<https://learn.microsoft.com/dotnet/api/system.object.compareto>)

1.html

Compares the current instance with another object of the same type and returns an integer that indicates whether the current instance precedes, follows, or occurs in the same position in the sort order as the other object.
(<https://learn.microsoft.com/dotnet/api/system.object.compareto>)

Declaration

```
public int CompareTo(VirtualNodeName? other)  
    (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)
```

Parameters

Type	Name	Description
VirtualNodeName	other	An object to compare with this instance.

Return VirtualNodeNotFoundException
(<https://learn.microsoft.com/dotnet/api/system.io.virtualnodeexception>)

```
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeException.html)
```

VirtualNodeType
(<https://learn.microsoft.com/dotnet/api/system.io.virtualnode.type>)

VirtualNodeTypeFilter
(<https://learn.microsoft.com/dotnet/api/system.io.virtualnode.typefilter>)

Type	Description								
int (https://learn.microsoft.com/dotnet/api/system.int32)	A value that indicates the relative order of the objects being compared. The return value has these meanings: 								
	<table border="1"><thead><tr><th>Value</th><th>Meaning</th></tr></thead><tbody><tr><td>Less than zero</td><td>This instance precedes <code>other</code> in the sort order.</td></tr><tr><td>Zero</td><td>This instance occurs in the same position in the sort order as <code>other</code>.</td></tr><tr><td>Greater than zero</td><td>This instance follows <code>other</code> in the sort order.</td></tr></tbody></table>	Value	Meaning	Less than zero	This instance precedes <code>other</code> in the sort order.	Zero	This instance occurs in the same position in the sort order as <code>other</code> .	Greater than zero	This instance follows <code>other</code> in the sort order.
Value	Meaning								
Less than zero	This instance precedes <code>other</code> in the sort order.								
Zero	This instance occurs in the same position in the sort order as <code>other</code> .								
Greater than zero	This instance follows <code>other</code> in the sort order.								
(AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate)									
(AkiraNetwork.VirtualStorageLibrary.PatternMatch)									
(AkiraNetwork.VirtualStorageLibrary.PatternMatch)									

CompareTo(object?)

(AkiraNetwork.VirtualStorageLibrary)

`VirtualDirectoryAdapter<T>` Compares the current instance with another object of the same type and returns an integer that indicates whether the current instance precedes, follows, or occurs in the same position in the sort order as the other object.

Declaration

(AkiraNetwork.VirtualStorageLibrary)

`VirtualGroupCondition(TKey>obj)`

(AkiraNetwork.VirtualStorageLibrary)

2.html)

Parameters

Type	Name	Description
AkiraNetwork.VirtualStorageLibrary.VirtualItem object (https://learn.microsoft.com/dotnet/api/system.object) (AkiraNetwork.VirtualStorageLibrary)	obj	An object to compare with this instance.

VirtualItemAdapter<T>

Returns `ASiraNetwork.VirtualStorage.IVirtualStorage`

Type	Description
VirtualItem<T>	A value that indicates the relative order of the objects being compared.
int (AkiraNetwork.VirtualStorageLibrary (https://learn.microsoft.com/dotnet/ 11.html))	The return value has these meanings:
Value	Meaning
Less than zero	This instance precedes <code>obj</code> in the sort order.
Zero	This instance occurs in the same position in the sort order as <code>obj</code> .
Greater than zero	This instance follows <code>obj</code> in the sort order.
VirtualNodeName	

(AkiraN Exceptions)

~~VirtualNodeNotFoundException~~

Type	Condition
<code>AkiraNetwork.VirtualStorageLibrary</code> <code>VirtualNodeType</code> <code>ArgumentException</code> (https://learn.microsoft.com/dotnet/api/system.argumentexception)	<code>obj</code> is not the same type as this instance.
<code>AkiraNetwork.VirtualStorageLibrary</code> <code>VirtualNodeTypeFilter</code>	

Equals(VirtualNodeName?)

Indicates whether the current object is equal to another object of the same type.

Declaration

```
public bool Equals(VirtualNodeName? other)
```

Parameters (AkiraNetwork.VirtualStorageLibrary)

NotifyNodeDelegate

Type (AkiraNetwork.VirtualStorageLibrary)

VirtualNodeName

(AkiraNetwork.VirtualStorageLibrary)

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)

VirtualCycleDetector

(AkiraNetwork.VirtualStorageLibrary)

Returns

VirtualDirectory

Type (AkiraNetwork.VirtualStorageLibrary)

VirtualDirectoryAdapter<T>

bool true (<https://learn.microsoft.com/dotnet/csharp/language-reference/builtin-types/bool>) if the

(AkiraNetwork.VirtualStorageLibrary)

(<https://learn.microsoft.com/dotnet/api/system.boolean>) current object is equal to the other parameter; otherwise,

[crosoft.com/dotnet/csharp/language-reference/builtin-types/bool](https://learn.microsoft.com/dotnet/csharp/language-reference/builtin-types/bool).

VirtualException

net/api/system.b

(AkiraNetwork.VirtualStorageLibrary)

boolean

VirtualGroupCondition<T, TKey>

(AkiraNetwork.VirtualStorageLibrary)

2.html)

VirtualItem

(AkiraNetwork.VirtualStorageLibrary)

Determines whether the specified object is equal to the current object.

VirtualItem

(AkiraNetwork.VirtualStorageLibrary)

VirtualItemAdapter<T>

(AkiraNetwork.VirtualStorageLibrary)

```
public override bool Equals(object? obj)  
1.html)
```

VirtualItem<T>

(AkiraNetwork.VirtualStorageLibrary)

1.html)

Type VirtualNode

(AkiraNetwork.VirtualStorageLibrary)

(<https://learn.microsoft.com/dotnet/api/system.object>)

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary)

Type VirtualNodeList<Conditions>

(AkiraNetwork.VirtualStorageLibrary)

bool true (<https://learn.microsoft.com/dotnet/csharp/language-reference/builtin-types/bool>) if the

(<https://learn.microsoft.com/dotnet/api/system.boolean>) Specified object is equal to the current object; otherwise,

[crosoft.com/dotnet/csharp/language-reference/builtin-types/bool](https://learn.microsoft.com/dotnet/csharp/language-reference/builtin-types/bool).

VirtualNodeNotFoundException

net/api/system.bo

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary)

Overrides VirtualNodeTypeFilter

object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))

GenerateNodeName(string)

Declaration

```
public string GenerateNodeName(string prefix)
```

 NotifyNodeDelegate

Parameters
 PatternMatch

Type AkiraNetwork.VirtualStorageLibrary.

 VirtualCycleDetector
 string (<https://learn.microsoft.com/dotnet/api/system.string>)
 (AkiraNetwork.VirtualStorageLibrary.

 VirtualDirectory
Returns
 (AkiraNetwork.VirtualStorageLibrary.

Type VirtualDirectoryAdapter<T>

 (AkiraNetwork.VirtualStorageLibrary.
 VirtualNodeName ([AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html](https://learn.microsoft.com/dotnet/api/AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html))

 VirtualException

 (AkiraNetwork.VirtualStorageLibrary.

GetHashCode()
 VirtualGroupCondition<T, TKey>
 (AkiraNetwork.VirtualStorageLibrary.

Serves as the default hash function.

 VirtualID

Declaration
 (AkiraNetwork.VirtualStorageLibrary.

 VirtualItem

```
public override int GetHashCode()
```

 VirtualItemAdapter<T>

Returns
 (AkiraNetwork.VirtualStorageLibrary.

 1.html)

Type VirtualItem<T>

 int (<https://learn.microsoft.com/dotnet/api/system.int32>)
 1.html)

Overrides
 (AkiraNetwork.VirtualStorageLibrary.

 object.GetHashCode() (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
 VirtualNodeContext

 (AkiraNetwork.VirtualStorageLibrary.

IsValidNodeName(VirtualNodeName)
 (AkiraNetwork.VirtualStorageLibrary.

Declaration
 VirtualNodeListConditions

 (AkiraNetwork.VirtualStorageLibrary.

```
public bool IsValidNodeName(VirtualNodeName nodeName)
```

 (AkiraNetwork.VirtualStorageLibrary.

 VirtualNodeNotFoundException

Parameters
 (AkiraNetwork.VirtualStorageLibrary.

Type VirtualNodeType

 (AkiraNetwork.VirtualStorageLibrary.
 VirtualNodeName ([AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html](https://learn.microsoft.com/dotnet/api/AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html))
 VirtualNodeTypeFilter

Type	Name	Description
AkiraNetwork.VirtualStorageLibrary.	prefix	

Type	Description
VirtualDirectoryAdapter<T>	(AkiraNetwork.VirtualStorageLibrary.

Type	Description
VirtualItem<T>	A hash code for the current object.

Type	Name	Description
AkiraNetwork.VirtualStorageLibrary.	nodeName	

Returns

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	



ResetCounter()

(AkiraNetwork.VirtualStorageLibrary)
Declaration
NotifyNodeDelegate
(AkiraNetwork.VirtualStorageLibrary)
public static void ResetCounter()
PatternMatch

(AkiraNetwork.VirtualStorageLibrary)
VirtualCycleDetector
(AkiraNetwork.VirtualStorageLibrary)
VirtualDirectory

ToString()
(AkiraNetwork.VirtualStorageLibrary)
Returns a string that represents the current object.
VirtualDirectoryAdapter<T>

(AkiraNetwork.VirtualStorageLibrary)
1.html)
pVirtualException string ToString()
(AkiraNetwork.VirtualStorageLibrary)

VirtualGroupCondition<T, TKey>
Returns
(AkiraNetwork.VirtualStorageLibrary)
Type.html)

Type	Description
VirtualID string (https://learn.microsoft.com/dotnet/api/system.string) (AkiraNetwork.VirtualStorageLibrary)	A string that represents the current object.

VirtualItem

Overrides
(AkiraNetwork.VirtualStorageLibrary)
object.ToString() (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)
(AkiraNetwork.VirtualStorageLibrary)
1.html)

Operators

VirtualItem<T>

(AkiraNetwork.VirtualStorageLibrary)
1.html)

operator ==(VirtualNodeName?, VirtualNodeName?)

VirtualNode

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeContext

p(AkiraNetwork.VirtualStorageLibrary) VirtualNodeName? left, VirtualNodeName? right)

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary)

Parameters

VirtualNodeListConditions

Type	Name	Description
VirtualNodeName VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html) (AkiraNetwork.VirtualStorageLibrary)	left	
VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html) (AkiraNetwork.VirtualStorageLibrary)	right	

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeTypeFilter

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

implicit operator string(VirtualnodeName)

Declaration

```
(AkiraNetwork.VirtualStorageLibrary)
    NotifyNodeDelegate
public static implicit operator string(VirtualnodeName nodeName)
(AkiraNetwork.VirtualStorageLibrary)
    PatternMatch
```

Parameters

Type	Name	Description
VirtualCycleDetector (AkiraNetwork.VirtualStorageLibrary)		

Returns

```
VirtualDirectoryName  
(AkiraNetwork.VirtualStorageLibrary)
```

Type

Type	Description
.html string (https://learn.microsoft.com/dotnet/api/system.string) (AkiraNetwork.VirtualStorageLibrary)	

```
VirtualGroupCondition<T, TKey>  
(AkiraNetwork.VirtualStorageLibrary)
```

implicit operator VirtualnodeName(string)

Declaration

```
(AkiraNetwork.VirtualStorageLibrary)
    VirtualItem
public static implicit operator VirtualnodeName(string name)
(AkiraNetwork.VirtualStorageLibrary)
    VirtualItemAdapter<T>
```

Parameters

Type	Name	Description
VirtualItem<T> string (https://learn.microsoft.com/dotnet/api/system.string) .html	name	

Returns

```
VirtualNode  
(AkiraNetwork.VirtualStorageLibrary)
```

Type

Type	Description
VirtualNodeContext (AkiraNetwork.VirtualStorageLibrary)	

```
VirtualnodeName  
(AkiraNetwork.VirtualStorageLibrary)
```

VirtualNodeExtensions

```
(AkiraNetwork.VirtualStorageLibrary)
```

VirtualNodeListConditions

operator !=(VirtualnodeName?, VirtualnodeName?)

Declaration

```
(AkiraNetwork.VirtualStorageLibrary)
    VirtualNodeNotFoundException
public static bool operator !=(VirtualnodeName? left, VirtualnodeName? right)
(AkiraNetwork.VirtualStorageLibrary)
```

VirtualNodeType

```
(AkiraNetwork.VirtualStorageLibrary)
```

Parameters

Type
VirtualNodeTypeFilter

Type	Name	Description
VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)	<i>left</i>	
VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)	<i>right</i>	

Returns

Type	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)	

Implements

VirtualCycleDetector
IEquatable<T> (https://learn.microsoft.com/dotnet/api/system.iequatable-1)
IComparable<T> (https://learn.microsoft.com/dotnet/api/system.icomparable-1)
IComparable (https://learn.microsoft.com/dotnet/api/system.icomparable)
VirtualDirectoryAdapter<T>

Extension Methods

GenerateSingleTableDebugText<T>(T)
(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utilsilites_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_)

(AkiraNetwork.VirtualStorageLibrary.VirtualStorageLibrary.html)
2.html

VirtualID
(AkiraNetwork.VirtualStorageLibrary.VirtualStorageLibrary.html)

VirtualItem
(AkiraNetwork.VirtualStorageLibrary.VirtualStorageLibrary.html)

VirtualItemAdapter<T>
(AkiraNetwork.VirtualStorageLibrary.VirtualStorageLibrary.html)

VirtualItem<T>
(AkiraNetwork.VirtualStorageLibrary.VirtualStorageLibrary.html)

VirtualNode
(AkiraNetwork.VirtualStorageLibrary.VirtualStorageLibrary.html)

VirtualNodeContext
(AkiraNetwork.VirtualStorageLibrary.VirtualStorageLibrary.html)

VirtualNodeExtensions
(AkiraNetwork.VirtualStorageLibrary.VirtualStorageLibrary.html)

VirtualNodeListConditions
(AkiraNetwork.VirtualStorageLibrary.VirtualStorageLibrary.html)

VirtualnodeName
(AkiraNetwork.VirtualStorageLibrary.VirtualStorageLibrary.html)

VirtualNodeNotFoundException
(AkiraNetwork.VirtualStorageLibrary.VirtualStorageLibrary.html)

VirtualNodeType
(AkiraNetwork.VirtualStorageLibrary.VirtualStorageLibrary.html)

VirtualNodeTypeFilter
(AkiraNetwork.VirtualStorageLibrary.VirtualStorageLibrary.html)

Class VirtualNodeNotFoundException

Inheritance

↳ [Object](#) (https://learn.microsoft.com/dotnet/api/system.object)
↳ [Exception](#) (https://learn.microsoft.com/dotnet/api/system.exception)
↳ [VirtualException](#) (AkiraNetwork.VirtualStorageLibrary.VirtualException.html)
↳ [NotifyNodeDelegate](#)
↳ [VirtualNodeNotFoundException](#) (AkiraNetwork.VirtualStorageLibrary)

Implements

[ISerializable](#) (https://learn.microsoft.com/dotnet/api/system.runtime.serialization.iserializable)
AkiraNetwork.VirtualStorageLibrary

Inherited Members

(AkiraNetwork.VirtualStorageLibrary)
[Exception.GetBaseException\(\)](#) (https://learn.microsoft.com/dotnet/api/system.exception.getbaseexception)
[VirtualDirectory](#)
[Exception.GetType\(\)](#) (https://learn.microsoft.com/dotnet/api/system.exception.gettype)
[Exception.ToString\(\)](#) (https://learn.microsoft.com/dotnet/api/system.exception.tostring)
[VirtualDirectoryAdapter](#)
[Exception.Data](#) (https://learn.microsoft.com/dotnet/api/system.exception.data)
[Exception.HelpLink](#) (https://learn.microsoft.com/dotnet/api/system.exception.helplink)
[Exception.HResult](#) (https://learn.microsoft.com/dotnet/api/system.exception_hresult)
[VirtualException](#)
[Exception.InnerException](#) (https://learn.microsoft.com/dotnet/api/system.exception.innerexception)
[VirtualGroupCondition](#)
[Exception.Message](#) (https://learn.microsoft.com/dotnet/api/system.exception.message)
[VirtualGroupCondition](#)
[Exception.Source](#) (https://learn.microsoft.com/dotnet/api/system.exception.source)
[VirtualGroupCondition](#)
[Exception.StackTrace](#) (https://learn.microsoft.com/dotnet/api/system.exception.stacktrace)
[VirtualID](#)
[Exception.SerializeObjectState](#) (https://learn.microsoft.com/dotnet/api/system.exception.serializeobjectstate)
[VirtualItem](#)
[object.Equals\(object\)](#) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object))
[VirtualItem](#)
[object.Equals\(object, object\)](#) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object))
[VirtualItem](#)
[object.GetHashCode\(\)](#) (https://learn.microsoft.com/dotnet/api/system.object.gethashcode)
[VirtualItem](#)
[object.MemberwiseClone\(\)](#) (https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone)
[VirtualItem](#)
[object.ReferenceEquals\(object, object\)](#) (https://learn.microsoft.com/dotnet/api/system.object.referenceequals)

Namespace

AkiraNetwork (AkiraNetwork.html).VirtualStorageLibrary (AkiraNetwork.VirtualStorageLibrary.html)

Assembly

VirtualStorageLibrary.dll

(AkiraNetwork.VirtualStorageLibrary)

Syntax

```
VirtualNodeContext  
(AkiraNetwork.VirtualStorageLibrary)  
public class VirtualNodeNotFoundException : VirtualException, ISerializable
```

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeListConditions

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeName

(AkiraNetwork.VirtualStorageLibrary)

Constructors

VirtualNodeNotFoundException()

(AkiraNetwork.VirtualStorageLibrary)

Declaration

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeTypeFilter

```
public VirtualNodeNotFoundException()
```

VirtualNodeNotFoundException(string)

Declaration

```
(AkiraNetwork.VirtualStorageLibrary.  
NotifyNodeDelegate) NotFoundException(string message)  
(AkiraNetwork.VirtualStorageLibrary.  
PatternMatch)
```

Parameters

Type	Name	Description
(AkiraNetwork.VirtualStorageLibrary. VirtualCycleDetector)	message	

VirtualNodeNotFoundException(string, Exception)

Declaration

```
(AkiraNetwork.VirtualStorageLibrary.  
VirtualCycleDetector) NotFoundException(string message, Exception innerException)  
(AkiraNetwork.VirtualStorageLibrary.  
2.html)
```

Parameters

Type	Name	Description
(AkiraNetwork.VirtualStorageLibrary. VirtualItem)	message	
Exception (https://learn.microsoft.com/dotnet/api/system.exception)	innerException	

Implements

ISerializable (https://learn.microsoft.com/dotnet/api/system.runtime.serialization.iserializable)

VirtualNode

Extension Methods

VirtualTextFormatter.GenerateSingleTableDebugText<T>(T)

(AkiraNetwork.Extensions.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utilities_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_)

VirtualNodeListConditions

(AkiraNetwork.VirtualStorageLibrary.

VirtualNodeName

(AkiraNetwork.VirtualStorageLibrary.

VirtualNodeNotFoundException

(AkiraNetwork.VirtualStorageLibrary.

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary.

VirtualNodeTypeFilter

Enum VirtualNodeType

Specifies the types of virtual nodes.

Filter by title

Namespace: AkiraNetwork (AkiraNetwork.html).VirtualStorageLibrary (AkiraNetwork.VirtualStorageLibrary.html)

(AkiraNetwork.VirtualStorageLibrary)

Assembly: VirtualStorageLibrary.dll

NotifyNodeDelegate

Syntax

(AkiraNetwork.VirtualStorageLibrary)

PatternMatch

public enum VirtualNodeType

VirtualCycleDetector

(AkiraNetwork.VirtualStorageLibrary)

VirtualDirectory

(AkiraNetwork.VirtualStorageLibrary)

VirtualDirectoryAdapter<T>

Fields

Name	Description
1.html	
Directory	Represents a directory node.
VirtualException	Represents a user-defined exception.
Item	Represents an item node with a user-defined type T.
None	Represents an unspecified or unknown node type.
2.html	
SymbolicLink	Represents a symbolic link node.
VirtualID	

(AkiraNetwork.VirtualStorageLibrary)

VirtualItem

(AkiraNetwork.VirtualStorageLibrary)

VirtualItemAdapter<T>

VirtualTextFormatter.GenerateSingleTableDebugText<VirtualNodeType>(VirtualNodeType)

(AkiraNetwork.VirtualStorageLibrary)

(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utilities_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_)

VirtualItem<T>

(AkiraNetwork.VirtualStorageLibrary)

1.html

VirtualNode

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeListConditions

(AkiraNetwork.VirtualStorageLibrary)

VirtualnodeName

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeNotFoundException

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeTypeFilter

Extension Methods

Enum VirtualNodeTypeFilter

Specifies the filters for virtual node types.

Filter by title

Namespace: AkiraNetwork (AkiraNetwork.html).VirtualStorageLibrary (AkiraNetwork.VirtualStorageLibrary.html)

(AkiraNetwork.VirtualStorageLibrary)

Assembly: VirtualStorageLibrary.dll

NotifyNodeDelegate

Syntax

```
(AkiraNetwork.VirtualStorageLibrary)
  PatternMatch
public enum VirtualNodeTypeFilter
  VirtualCycleDetector
(AkiraNetwork.VirtualStorageLibrary)
  VirtualDirectory
(AkiraNetwork.VirtualStorageLibrary)
  VirtualDirectoryAdapter<T>
```

Fields

Name	Description
1.html	
All	VirtualException Filter for all node types.
Directory	(AkiraNetwork.VirtualStorageLibrary) Filter for directory nodes.
Item	(AkiraNetwork.VirtualStorageLibrary) Filter for item nodes with a user-defined type T.
2.html	
None	VirtualID No specific node type is specified.
SymbolicLink	(AkiraNetwork.VirtualStorageLibrary) Filter for symbolic link nodes.
VirtualItem	

Extension Methods

1.html

VirtualTextFormatter.GenerateSingleTableDebugText<VirtualNodeTypeFilter>(VirtualNodeTypeFilter)

(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utils

s_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_)

1.html

VirtualNode

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeListConditions

(AkiraNetwork.VirtualStorageLibrary)

VirtualnodeName

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeNotFoundException

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeTypeFilter

Type	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	

Dot

Declaration

```
(AkiraNetwork.VirtualStorageLibrary)
    NotifyNodeDelegate
public static string Dot { get; }
```

PatternMatch

Property Value

Type	Description
VirtualCycleDetector	

Type	Description
string (https://docs.microsoft.com/dotnet/api/system.string)	

Type	Description
(AkiraNetwork.VirtualStorageLibrary)	

Type	Description
VirtualDirectory	

Type	Description
VirtualDirectoryAdapter<T>	

Type	Description
(AkiraNetwork.VirtualStorageLibrary)	

Type	Description
VirtualException	

Type	Description
(AkiraNetwork.VirtualStorageLibrary)	

```
VirtualGroupCondition<T, TKey>
public static string DotDot { get; }
```

Type	Description
2.html	

Type	Description
VirtualItem	

Type	Description
string (https://docs.microsoft.com/dotnet/api/system.string)	

Type	Description
VirtualItemAdapter<T>	

Type	Description
(AkiraNetwork.VirtualStorageLibrary)	

Type	Description
VirtualItem<T>	

Type	Description
1.html	

```
VirtualPath
public VirtualPath FixedPath { get; }
```

Type	Description
VirtualNodeContext	

Type	Description
(AkiraNetwork.VirtualStorageLibrary)	

Type	Description
VirtualNodeExtensions	

Type	Description
(AkiraNetwork.VirtualStorageLibrary)	

Type	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	

Type	Description
(AkiraNetwork.VirtualStorageLibrary)	

Type	Description
VirtualNodeName	

Type	Description
(AkiraNetwork.VirtualStorageLibrary)	

Type	Description
VirtualNodeNotFoundException	

Type	Description
(AkiraNetwork.VirtualStorageLibrary)	

Type	Description
VirtualNodeType	

Type	Description
(AkiraNetwork.VirtualStorageLibrary)	

Type	Description
VirtualNodeTypeFilter	

```
public bool IsAbsolute { get; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

(AkiraNetwork.VirtualStorageLibrary)
NotifyNodeDelegate
(AkiraNetwork.VirtualStorageLibrary)
IsDot
PatternMatch

(AkiraNetwork.VirtualStorageLibrary)
VirtualCycleDetector
(AkiraNetwork.VirtualStorageLibrary)
public bool IsDot { get; }
VirtualDirectory
(AkiraNetwork.VirtualStorageLibrary)

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

(AkiraNetwork.VirtualStorageLibrary)
VirtualException
VirtualGroupCondition<T, TKey>
(AkiraNetwork.VirtualStorageLibrary)
IsDotDot
2.html

(AkiraNetwork.VirtualStorageLibrary)
VirtualItem
public bool IsDotDot { get; }
(AkiraNetwork.VirtualStorageLibrary)
VirtualItemAdapter<T>

(AkiraNetwork.VirtualStorageLibrary)
Property Value
1.html
VirtualItem<T>
bool (<https://learn.microsoft.com/dotnet/api/system.boolean>)

(AkiraNetwork.VirtualStorageLibrary)
1.html
VirtualNode

(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeContext
IsEmpty
(AkiraNetwork.VirtualStorageLibrary)

(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeExtensions
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeListConditions
(AkiraNetwork.VirtualStorageLibrary)

Property Value
VirtualNodeName

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeType
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeTypeFilter

IsEndsWithSlash

Declaration

```
public bool IsEndsWithSlash { get; }
```



Property Value

Type	Description
NotifyNodeDelegate<VirtualStorageLibrary> bool (https://learn.microsoft.com/dotnet/api/system.boolean) (AkiraNetwork.VirtualStorageLibrary)	

PatternMatch

(AkiraNetwork.VirtualStorageLibrary)

IsRoot

(AkiraNetwork.VirtualStorageLibrary)

Declaration

Directory
(AkiraNetwork.VirtualStorageLibrary)

~~VirtualDirectoryNameAdapter~~ { get; }

(AkiraNetwork.VirtualStorageLibrary)

1.html)

Type	Description
VirtualException	

Type (AkiraNetwork.VirtualStorageLibrary)

VirtualGroupCondition<T, TKey>	
bool (https://learn.microsoft.com/dotnet/api/system.boolean) (AkiraNetwork.VirtualStorageLibrary)	

2.html)

VirtualID

NodeName

VirtualItem

Declaration

(AkiraNetwork.VirtualStorageLibrary)

VirtualItemAdapter<T>

~~VirtualDirectoryNameAdapter~~ { get; }

1.html)

Type	Description
VirtualItem<T>	

Type (AkiraNetwork.VirtualStorageLibrary)

VirtualNode	
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html) (AkiraNetwork.VirtualStorageLibrary)	

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary)

PartsList

NodeExtensions

(AkiraNetwork.VirtualStorageLibrary)

Declaration

VirtualNodeListConditions

(AkiraNetwork.VirtualStorageLibrary)

public List<VirtualNodeName> PartsList { get; }

VirtualNodeName

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeNotFoundException

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeTypeFilter

Type	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)>	

Path

(AkiraNetwork.VirtualStorageLibrary)
Declaration
 NotifyNodeDelegate
 (AkiraNetwork.VirtualStorageLibrary)
 public string Path { get; }
 PatternMatch
 (AkiraNetwork.VirtualStorageLibrary)

Property Value

Type	Description
VirtualDirectory	

Root

VirtualException
 (AkiraNetwork.VirtualStorageLibrary)
Declaration
 VirtualGroupCondition<T, TKey>
 (AkiraNetwork.VirtualStorageLibrary)
 public static string Root { get; }
 2.html)

VirtualID

Property Value

Type	Description
VirtualItem	

Separator

(AkiraNetwork.VirtualStorageLibrary)
Declaration
 VirtualNode
 (AkiraNetwork.VirtualStorageLibrary)
 public static char Separator { get; }
 VirtualNodeContext
 (AkiraNetwork.VirtualStorageLibrary)

Property Value

Type	Description
VirtualNodeListConditions	

Methods

VirtualNodeType
 (AkiraNetwork.VirtualStorageLibrary)
 VirtualNodeTypeFilter

AddEndSlash()

Declaration

```
public VirtualPath AddEndSlash()
```



Returns

Type	Description
NotifyNodeDelegate<VirtualPath> (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	
(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	

PatternMatch

(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

VirtualCodeDetector

(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

AddStartSlash()

Declaration

Directory (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

```
public VirtualDirectoryAdapter<VirtualPath> AddStartSlash()
```

(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

1.html)

Returns

VirtualException

Type	Description
VirtualGroupCondition<T, TKey>	
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	

(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

2.html)

VirtualID

ArePathsSubdirectories(VirtualPath, VirtualPath)

Declaration

VirtualItem (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

VirtualItemAdapter<T>

```
public static bool ArePathsSubdirectories(VirtualPath path1, VirtualPath path2)
```

1.html)

VirtualItem<T>

(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

Type

.html)

Parameters

Type	Name	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	path1	
(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	path2	

(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

Returns

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

Type

VirtualNodeListConditions

bool

(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

Description

VirtualNodeName

(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

VirtualNodeNotFoundException

(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

Combine(params VirtualPath[])

Declaration

VirtualNodeType (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

VirtualNodeTypeFilter

```
public VirtualPath Combine(params VirtualPath[] paths)
```

Parameters

Type		Name	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)[]		paths	

Put..NotifyNodeDelegate

Returns	<code>VirtualPath</code>	Description
Type	(AkiraNetwork.VirtualStorageLibrary.PatternMatch)	
VirtualPath	(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	

VirtualDirectory
Combine(params string[])

(AkriaNetwork.VirtualStorageLibrary)

Virtual Declaration

```
    public static string Combine(params string[] paths)
        VirtualException
```

Parametrization

Type	(AkiraNetwork.VirtualStorageLibrary 2.html)	Name	Description
string	[get] https://learn.microsoft.com/dotnet/api/system.string []	paths	

(AkiraNetw
View all topics

Returns	VirtualItem (AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter< T >)	Description
Type	string (AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter< T >.ToString())	

CombineFromIndex(VirtualPath int)

- VirtualNode

```
declaration node  
  (AkiraNetwork.VirtualStorageLibrary  
    VirtualNodeContext  
    public VirtualPath CombineFromIndex(VirtualPath path, int index)  
      (AkiraNetwork.VirtualStorageLibrary
```

virtual

Parameters	Type	Name	Description
VirtualNodeListConditions (AkiraNetwork.VirtualStorageLibrary.VirtualPath.NodeList)			
VirtPath VirtualPathConditions (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)		path	
int (https://learn.microsoft.com/dotnet/api/system.int32) VirtualNodeNotFoundException		index	

(AKI) Returns

ReturnVirtualNodeType
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeTypeFilter

Type	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	

CompareTo(VirtualPath?)

Compares the current instance with another object of the same type and returns an integer that indicates whether the current instance precedes, follows, or occurs in the same position in the sort order as the other object.

(AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate)

Declaration:

```
PatternMatch
public int CompareTo(VirtualPath? other)
VirtualCycleDetector
(AkiraNetwork.VirtualStorageLibrary)
```

Parameters:

Type	Name	Description
VirtualDirectory (AkiraNetwork.VirtualStorageLibrary.VirtualDirectoryAdapter<T>)	other	An object to compare with this instance.

VirtualException

Return Value:

Type	Description								
VirtualGroupCondition<T, TKey> (AkiraNetwork.VirtualStorageLibrary)	A value that indicates the relative order of the objects being compared.								
int (2.html) (http://msdn.microsoft.com/dotnet/api/akiranet20/akiranetwork.virtualstoragelibrary)	The return value has these meanings:								
VirtualItem (AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter<T>)	<table border="1"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>Less than zero</td> <td>This instance precedes <code>other</code> in the sort order.</td> </tr> <tr> <td>Zero</td> <td>This instance occurs in the same position in the sort order as <code>other</code>.</td> </tr> <tr> <td>Greater than zero</td> <td>This instance follows <code>other</code> in the sort order.</td> </tr> </tbody> </table>	Value	Meaning	Less than zero	This instance precedes <code>other</code> in the sort order.	Zero	This instance occurs in the same position in the sort order as <code>other</code> .	Greater than zero	This instance follows <code>other</code> in the sort order.
Value	Meaning								
Less than zero	This instance precedes <code>other</code> in the sort order.								
Zero	This instance occurs in the same position in the sort order as <code>other</code> .								
Greater than zero	This instance follows <code>other</code> in the sort order.								

VirtualNode

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary)

Compares the current instance with another object of the same type and returns an integer that indicates whether the current instance precedes, follows, or occurs in the same position in the sort order as the other object.

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeListConditions)

Declaration:

```
VirtualNodeName
public int CompareTo(object? obj)
VirtualNodeNotFoundException
(AkiraNetwork.VirtualStorageLibrary)
```

Parameters:

```
VirtualNodeType
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeTypeFilter
```

Type	Name	Description
object (https://learn.microsoft.com/dotnet/api/system.object)	<i>obj</i>	An object to compare with this instance.

Returns

Type	Description								
int (AkiraNetwork.VirtualStorageLibrary (https://learn.microsoft.com/dotnet/api/system.int32) NotifyNodeDelegate api/system/int32) (AkiraNetwork.VirtualStorageLibrary PatternMatch (AkiraNetwork.VirtualStorageLibrary VirtualCycleDetector (AkiraNetwork.VirtualStorageLibrary VirtualDirectory (AkiraNetwork.VirtualStorageLibrary VirtualDirectoryAdapter<T> (AkiraNetwork.VirtualStorageLibrary 1.html))	A value that indicates the relative order of the objects being compared. The return value has these meanings: <table border="1"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>Less than zero</td> <td>This instance precedes <i>obj</i> in the sort order.</td> </tr> <tr> <td>Zero</td> <td>This instance occurs in the same position in the sort order as <i>obj</i>.</td> </tr> <tr> <td>Greater than zero</td> <td>This instance follows <i>obj</i> in the sort order.</td> </tr> </tbody> </table>	Value	Meaning	Less than zero	This instance precedes <i>obj</i> in the sort order.	Zero	This instance occurs in the same position in the sort order as <i>obj</i> .	Greater than zero	This instance follows <i>obj</i> in the sort order.
Value	Meaning								
Less than zero	This instance precedes <i>obj</i> in the sort order.								
Zero	This instance occurs in the same position in the sort order as <i>obj</i> .								
Greater than zero	This instance follows <i>obj</i> in the sort order.								

Exceptions

Type	Condition
VirtualException (AkiraNetwork.VirtualStorageLibrary VirtualGroupCondition<T, TKey> ArgumentException (AkiraNetwork.VirtualStorageLibrary (https://learn.microsoft.com/dotnet/api/system.argumentexception) 2.html)	<i>obj</i> is not the same type as this instance.

Equals(VirtualPath?)

(AkiraNetwork.VirtualStorageLibrary
Indicates whether the current object is equal to another object of the same type.
VirtualItemAdapter<T>
1.html)

Declaration

```
1.html)
VirtualItem<T>
public bool Equals(VirtualPath? other)
(AkiraNetwork.VirtualStorageLibrary  
1.html)
```

Parameters

Type	Name	Description
VirtualNodeContext (AkiraNetwork.VirtualStorageLibrary VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html) (AkiraNetwork.VirtualStorageLibrary 1.html))	<i>other</i>	An object to compare with this object.

Returns

Type	Description
bool (AkiraNetwork.VirtualStorageLibrary VirtualNodeNotEqualException (https://learn.microsoft.com/dotnet/api/system.exception) if the crosses node type is not equal to the other parameter; otherwise, net/VirtualNode bool (AkiraNetwork.VirtualStorageLibrary VirtualNodeTypeFilter VirtualNodeType	microsoft.com/dotnet/csharp/language-reference/builtin-types/bool) if the crosses node type is not equal to the other parameter; otherwise, microsoft.com/dotnet/csharp/language-reference/builtin-types/bool).

Equals(object?)

Determines whether the specified object is equal to the current object.

Declaration

```
public override bool Equals(object? obj)
```

Parameters

NotifyNodeDelegate

Type	Name	Description
AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate	object	The object to compare with the current object.

Returns

VirtualDirectory

Type	Description
AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition<T, TKey>	VirtualDirectoryAdapter<T> true (https://learn.microsoft.com/dotnet/csharp/language-reference/builtin-types/bool) if the specified object is equal to the current object; otherwise, false (https://learn.microsoft.com/dotnet/csharp/language-reference/builtin-types/bool).

Overrides

Object.Equals

object.Equals(object) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object))	AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition<T, TKey>
---	---

GetHashCode()

VirtualItemAdapter<T>

(AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter<T>)	Serves as the default hash function. (https://learn.microsoft.com/dotnet/api/system.hashfunction)
--	---

Declaration

```
public override int GetHashCode()
```

VirtualNode

(AkiraNetwork.VirtualStorageLibrary.VirtualNode)	VirtualNodeContext
--	--------------------

Type	Description
AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions	A hash code for the current object.

Overrides

Object.GetHashCode

object.GetHashCode() (https://learn.microsoft.com/dotnet/api/system.object.gethashcode)	
---	--

VirtualNodeNotedException

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeNotedException)	
--	--

GetnodeName()

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeType)	VirtualNodeTypeFilter
--	-----------------------

```
public VirtualNodeName GetNodeName()
```

Returns

Type	Description
VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)	(AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate (AkiraNetwork.VirtualStorageLibrary.PatternMatch))

GetParentPath()

Declaration

```
public VirtualPath GetParentPath()
{
    VirtualDirectory
}
```

Returns

```
VirtualDirectoryAdapter<T>
{
    VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)
    VirtualException
}
```

GetPartsLinkedList()

Declaration

```
public VirtualItem<T> GetPartsLinkedList<VirtualNodeName>()
{
    VirtualItemAdapter<T>
}
```

Returns

```
VirtualItem<T>
{
    LinkedList<(https://learn.microsoft.com/dotnet/api/system.collections.generic.linkedlist-1)<VirtualNodeName> (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)
}
```

GetPartsList()

Declaration

```
public VirtualNodeList<VirtualNodeName> GetPartsList()
{
    VirtualNodeList<VirtualNodeName>
}
```

Returns

```
VirtualNodeList<VirtualNodeName>
{
    List<(https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<VirtualNodeType>> (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)
    VirtualNodeTypeFilter
}
```

GetRelativePath(VirtualPath)

Declaration

```
public VirtualPath GetRelativePath(VirtualPath basePath)
```



Parameters

Type	Name	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualPath) NotifyNodeDelegate (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html) (AkiraNetwork.VirtualStorageLibrary.VirtualPath)	basePath	

PatternMatch

Returns

Type	Description
(VirtualCycleDetector (AkiraNetwork.VirtualStorageLibrary.VirtualPath) VirtualPath(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html) (AkiraNetwork.VirtualStorageLibrary.VirtualPath) VirtualDirectoryAdapter<T> (AkiraNetwork.VirtualStorageLibrary.VirtualPath) 1.html)	

IsSubdirectory(VirtualPath)

Declaration

```
virtual void IsSubdirectory(TKey virtualGroupCondition, TKey virtualPath parentPath)
    (AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter<T>
        (AkiraNetwork.VirtualStorageLibrary.VirtualPath parentPath)
        2.html)
```

Parameters

Type	Name	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualPath VirtualItem (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html) (AkiraNetwork.VirtualStorageLibrary.VirtualPath)	parentPath	

VirtualItemAdapter<T>

Returns

Type	Description
VirtualItem<T> bool (https://learn.microsoft.com/dotnet/api/system.boolean) 1.html)	

VirtualNode

NormalizePath()

Declaration

```
public VirtualPath NormalizePath()
    (AkiraNetwork.VirtualStorageLibrary.VirtualNodeListConditions  
VirtualNodeContext  
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions)
```

Returns

Type	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeName VirtualNodeNotFoundException VirtualPath(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html) (AkiraNetwork.VirtualStorageLibrary.VirtualPath) VirtualNodeType (AkiraNetwork.VirtualStorageLibrary.VirtualNodeTypeFilter)	

NormalizePath(string)

Declaration

```
public static string NormalizePath(string path)
```



Parameters

Type	Name	Description
(AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate<T> string (https://learn.microsoft.com/dotnet/api/system.string) (AkiraNetwork.VirtualStorageLibrary.PatternMatch	<i>path</i>	

Returns

Type	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualCycleDetector (AkiraNetwork.VirtualStorageLibrary.VirtualDirectoryAdapter<T> string (https://learn.microsoft.com/dotnet/api/system.string) (AkiraNetwork.VirtualStorageLibrary.StartsWithVirtualPath 1.html)	

Declaration

```
AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition<T> VirtualPathSearchWith(VirtualPath path)  
(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html  
2.html)
```

Parameters

Type	Name	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualItem VirtualPath (https://learn.microsoft.com/dotnet/api/system.virtualstorage.library.virtualpath.html) (AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter<T>	<i>path</i>	

Returns

Type	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualItem<T> bool (https://learn.microsoft.com/dotnet/api/system.boolean) 1.html)	

VirtualNode

Tostring()

VirtualNodeContext

Returns a string that represents the current object.

VirtualNodeExtensions

Declaration

```
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeListConditions  
public NetworkVirtualStorageLibrary()<br/>VirtualNodeName  
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeNotFoundException
```

Returns

Type	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeType string (https://learn.microsoft.com/dotnet/api/system.string) (AkiraNetwork.VirtualStorageLibrary.VirtualNodeTypeFilter	A string that represents the current object.

Overrides

object.ToString() (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

TrimEndSlash()

Declaration

```
p(AkiraNetwork.VirtualStorageLibrary)
```

 NotifyNodeDelegate

 (AkiraNetwork.VirtualStorageLibrary)

Returns

 PatternMatch

Type	Description
AkiraNetwork.VirtualStorageLibrary	

 VirtualCycleDetector

 VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

 (AkiraNetwork.VirtualStorageLibrary)

 VirtualDirectory

 (AkiraNetwork.VirtualStorageLibrary)

 VirtualDirectoryAdapter<T>

 (AkiraNetwork.VirtualStorageLibrary)

 1.html)

operator +(VirtualPath, VirtualNodeName)

 VirtualException

 (AkiraNetwork.VirtualStorageLibrary)

 VirtualGroupCondition<T, TKey>

 (AkiraNetwork.VirtualStorageLibrary)

 public static VirtualPath operator +(VirtualPath path, VirtualNodeName nodeName)

 2.html)

 VirtualID

 Parameters

 VirtualStorageLibrary

Type	Name	Description
VirtualItem		

 (AkiraNetwork.VirtualStorageLibrary)

Type	path	
VirtualPath	(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	

 (AkiraNetwork.VirtualStorageLibrary)

Type	nodeName	
VirtualNodeName	(AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)	

 1.html)

 VirtualItem<T>

 Returns

 (AkiraNetwork.VirtualStorageLibrary)

Type	Description
html	

 VirtualNode

Type	VirtualPath	
VirtualPath	(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	

 (AkiraNetwork.VirtualStorageLibrary)

 VirtualNodeContext

 (AkiraNetwork.VirtualStorageLibrary)

 VirtualNodeFilter

 Parameters

 VirtualStorageLibrary

Type	path1	
VirtualNodeName	(VirtualPath)	

 (AkiraNetwork.VirtualStorageLibrary)

Type	path2	
VirtualNodeName	(VirtualPath)	

 (AkiraNetwork.VirtualStorageLibrary)

 VirtualNodeNotFoundException

 Parameters

 VirtualStorageLibrary

Type	Name	Description
VirtualNodeType		

 (AkiraNetwork.VirtualStorageLibrary)

Type	VirtualPath	
VirtualPath	(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	

 (AkiraNetwork.VirtualStorageLibrary)

Type	VirtualNodeTypeFilter	
VirtualNodeType	(VirtualPath)	

Type	Name	Description
VirtualNodeType	path1	

operator +(char, VirtualPath)

Declaration

```
public static VirtualPath operator +(char chr, VirtualPath path)
```



Parameters

Type	Name	Description
NotifyNodeDelegate<char> (https://learn.microsoft.com/dotnet/api/system.char)	chr	
VirtualPath? (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html) (AkiraNetwork.VirtualStorageLibrary.VirtualPathAdapter<T>)	path	
VirtualCycleDetector (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)		
Type	Description	
VirtualDirectory (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)		
VirtualDirectoryAdapter<T> (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)		

operator +(string, VirtualPath)

Declaration
VirtualGroupCondition<T, TKey>
(AkiraNetwork.VirtualStorageLibrary.VirtualID)
public static VirtualPath operator +(string str, VirtualPath path)

VirtualID
(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

Parameters

Type	Name	Description
VirtualItem (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)		
VirtualItemAdapter<T> string (https://learn.microsoft.com/dotnet/api/system.string)	str	
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	path	

VirtualItem<T>

Return

AkiraNetwork.VirtualStorageLibrary.VirtualPath

Type	Description
VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

operator ==(VirtualPath?, VirtualPath?)

Declaration
VirtualNodeListConditions

(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

VirtualNodeName

public static bool operator ==(VirtualPath? left, VirtualPath? right)

(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

VirtualNodeNotFoundException

(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

VirtualNodeTypeFilter

Type	Name	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	left	
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	right	

Returns

Type	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualPath<T> left & VirtualPath<T> right)	bool (https://learn.microsoft.com/dotnet/api/system.boolean)

implicit operator string(VirtualPath?)

Declaration

```
(AkiraNetwork.VirtualStorageLibrary.VirtualDirectory)
public static implicit operator string(VirtualPath? virtualPath)
    VirtualDirectoryAdapter<T>
(AkiraNetwork.VirtualStorageLibrary.VirtualDirectory)
```

Parameters

Type	Name	Description
VirtualException (AkiraNetwork.VirtualStorageLibrary.VirtualPathCondition, VirtualPathConditionKey)	virtualPath	

Returns

Type	Description
VirtualID (AkiraNetwork.VirtualStorageLibrary.VirtualPath)	string (https://learn.microsoft.com/dotnet/api/system.string)

implicit operator VirtualPath(string)

Declaration

```
(AkiraNetwork.VirtualStorageLibrary.VirtualItem)
1.html)
public static implicit operator VirtualPath(string path)
    VirtualNode
(AkiraNetwork.VirtualStorageLibrary.VirtualItem)
```

Parameters

Type	Name	Description
VirtualNodeContext (AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions)	path	

Returns

Type	Description
VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualPath)	VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

operator !=(VirtualPath?, VirtualPath?)

Class VirtualSortCondition<T>

Inheritance

↳ [Object](#) (https://learn.microsoft.com/dotnet/api/system.object)
↳ [VirtualSortCondition<T>](#)
(AkiraNetwork.VirtualStorageLibrary)

Inherited Members

NotifyNodeDelegate

object.Equals(object) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object))
PatternMatch
(AkiraNetwork.VirtualStorageLibrary)
object.Equals(object) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object))
VirtualCycleDetector
(AkiraNetwork.VirtualStorageLibrary)
object.GetHashCode() (https://learn.microsoft.com/dotnet/api/system.object.gethashcode)
object.GetType() (https://learn.microsoft.com/dotnet/api/system.object.gettype)
object.MemberwiseClone() (https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone)
object.ReferenceEquals(object1, object2) (https://learn.microsoft.com/dotnet/api/system.object.referenceequals)
object.ToString() (https://learn.microsoft.com/dotnet/api/system.object.tostring)
1.html)

Namespace: AkiraNetwork (AkiraNetwork.html).VirtualStorageLibrary (AkiraNetwork.VirtualStorageLibrary.html)
VirtualException

Assembly: VirtualStorageLibrary.dll

Syntax: VirtualGroupCondition<T, TKey>

(AkiraNetwork.VirtualStorageLibrary)
public class VirtualSortCondition<T>
 VirtualID
(AkiraNetwork.VirtualStorageLibrary)

Type Parameters
VirtualItem

Name	Description
T	(AkiraNetwork.VirtualStorageLibrary) 1.html) VirtualItem<T> (AkiraNetwork.VirtualStorageLibrary)

Constructors

(AkiraNetwork.VirtualStorageLibrary)
1.html)
VirtualNode
(AkiraNetwork.VirtualStorageLibrary)

VirtualSortCondition(Expression<Func<T, object>>, bool)

Declaration

(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeContext
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeExtensions
public VirtualSortCondition(Expression<Func<T, object>> sortBy, bool ascending = true)
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeListConditions

(AkiraNetwork.VirtualStorageLibrary)

Type	Name	Description
VirtualNodeName (AkiraNetwork.VirtualStorageLibrary)	sortBy	

VirtualNodeTypeFilter

Type	Name	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>ascending</i>	

Properties

bool (https://learn.microsoft.com/dotnet/api/system.boolean)	(AkiraNetwork.VirtualStorageLibrary)
NotifyNodeDelegate	
Ascending	(AkiraNetwork.VirtualStorageLibrary)
Declaration	Pattern Match
	(AkiraNetwork.VirtualStorageLibrary)
	VirtualCycleDetector
	public bool Ascending { get; set; }
	(AkiraNetwork.VirtualStorageLibrary)
	VirtualDirectory
Property Value	
	(AkiraNetwork.VirtualStorageLibrary)
Type	VirtualDirectoryAdapter<T>
	(AkiraNetwork.VirtualStorageLibrary)
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

SortBy

Declaration	VirtualID
	(AkiraNetwork.VirtualStorageLibrary)
	public Expression<VirtualStorageObject>> SortBy { get; set; }
	VirtualItem
	(AkiraNetwork.VirtualStorageLibrary)

Property Value

Type	(AkiraNetwork.VirtualStorageLibrary)
1.html	
Expression (https://learn.microsoft.com/dotnet/api/system.linq.expressions.expression-1)<	
VirtualItem	
Func (https://learn.microsoft.com/dotnet/api/system.func-2)<T,	
object (https://learn.microsoft.com/dotnet/api/system.object)>>	

VirtualNode

(AkiraNetwork.VirtualStorageLibrary)

Extension Methods

VirtualTextFormatter.GenerateSingleTableDebugText<T>(T)	(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeExtensions	(AkiraNetwork.VirtualStorageLibrary)
(AkiraNetwork.VirtualStorageLibrary.Uses.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utilities_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_)	(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeListConditions	(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeName	(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeNotFoundException	(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeType	(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeTypeFilter	(AkiraNetwork.VirtualStorageLibrary)

Class VirtualStorageExtensions

Inheritance

↳ [Object](#) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ [VirtualStorageExtensions](#)
 (AkiraNetwork.VirtualStorageLibrary)

Inherited Members

NotifyNodeDelegate
(AkiraNetwork.VirtualStorageLibrary)
[object.Equals](#) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
[PatternMatch](#)
(AkiraNetwork.VirtualStorageLibrary)
[object.Equals](#) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
[VirtualCycleDetector](#)
(AkiraNetwork.VirtualStorageLibrary)
[object.GetHashCode](#) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
[VirtualDirectory](#)
(AkiraNetwork.VirtualStorageLibrary)
[object.GetType](#) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
[MemberwiseClone](#)
(AkiraNetwork.VirtualStorageLibrary)
[VirtualDirectoryAdapter](#)
(AkiraNetwork.VirtualStorageLibrary)
[ReferenceEquals](#) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
[ToString](#)
(AkiraNetwork.VirtualStorageLibrary)
1.html)

Namespace: AkiraNetwork (AkiraNetwork.html).VirtualStorageLibrary (AkiraNetwork.VirtualStorageLibrary.html)
VirtualException

Assembly: VirtualStorageLibrary.dll
(AkiraNetwork.VirtualStorageLibrary)

Syntax

`VirtualGroupCondition<T, TKey>`
(AkiraNetwork.VirtualStorageLibrary)
public static class VirtualStorageExtensions

 VirtualID
(AkiraNetwork.VirtualStorageLibrary)
 VirtualItem
(AkiraNetwork.VirtualStorageLibrary)

 Adapter<T>
(AkiraNetwork.VirtualStorageLibrary)

 1.html)

Methods

ApplySortConditions<T>(IEnumerable<T>, List<VirtualSortCondition<T>>?)

Declaration
(AkiraNetwork.VirtualStorageLibrary)
1.html)

 VirtualNode
 public static IEnumerable<T> ApplySortConditions<T>(this IEnumerable<T> source, List<VirtualSortCondition<T>>? sortConditions = null)
 VirtualNodeContext
(AkiraNetwork.VirtualStorageLibrary)

Parameters

source
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeListConditions
(AkiraNetwork.VirtualStorageLibrary)

 1.html)
 IEnumerable<T>
(AkiraNetwork.VirtualStorageLibrary)
<T>(AkiraNetwork.VirtualStorageLibrary)

 VirtualNodeNotFoundException
 List<VirtualSortCondition<T>>
(AkiraNetwork.VirtualStorageLibrary)
 VirtualSortCondition<T>
(AkiraNetwork.VirtualStorageLibrary)
 VirtualNodeType
(AkiraNetwork.VirtualStorageLibrary)
<T>>
 VirtualNodeTypeFilter
(AkiraNetwork.VirtualStorageLibrary)

Type	Name	Description
VirtualNodeListConditions (AkiraNetwork.VirtualStorageLibrary)	source	
List<VirtualSortCondition<T>> (AkiraNetwork.VirtualStorageLibrary) VirtualSortCondition<T> (AkiraNetwork.VirtualStorageLibrary) VirtualNodeType (AkiraNetwork.VirtualStorageLibrary) <T>> VirtualNodeTypeFilter (AkiraNetwork.VirtualStorageLibrary)	sortConditions	



(AkiraNetwork.VirtualStorageLibrary)
NotifyNodeDelegate
(AkiraNetwork.VirtualStorageLibrary)
PatternMatch
(AkiraNetwork.VirtualStorageLibrary)
VirtualCycleDetector
(AkiraNetwork.VirtualStorageLibrary)
VirtualDirectory
(AkiraNetwork.VirtualStorageLibrary)
VirtualDirectoryAdapter<T>
(AkiraNetwork.VirtualStorageLibrary)
1.html)
VirtualException
(AkiraNetwork.VirtualStorageLibrary)
VirtualGroupCondition<T, TKey>
(AkiraNetwork.VirtualStorageLibrary)
2.html)
VirtualID
(AkiraNetwork.VirtualStorageLibrary)
VirtualItem
(AkiraNetwork.VirtualStorageLibrary)
VirtualItemAdapter<T>
(AkiraNetwork.VirtualStorageLibrary)
1.html)
VirtualItem<T>
(AkiraNetwork.VirtualStorageLibrary)
1.html)
VirtualNode
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeContext
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeExtensions
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeListConditions
(AkiraNetwork.VirtualStorageLibrary)
VirtualnodeName
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeNotFoundException
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeType
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeTypeFilter


```
public char[] InvalidNodeNameCharacters { get; set; }
```

Property Value

Type	Description
char (https://learn.microsoft.com/dotnet/api/system.char)[] (AkiraNetwork.VirtualStorageLibrary.VirtualNodeListConditions)	

NodeListConditions

Declaration
(AkiraNetwork.VirtualStorageLibrary.VirtualCycleDetector)

```
public VirtualNodeListConditions NodeListConditions { get; set; }  
VirtualDirectory  
(AkiraNetwork.VirtualStorageLibrary.VirtualException)
```

Property Value

Type	Description
VirtualNodeListConditions (AkiraNetwork.VirtualStorageLibrary.VirtualNodeListConditions.html) (AkiraNetwork.VirtualStorageLibrary.VirtualException)	

PathDot

Declaration
(AkiraNetwork.VirtualStorageLibrary.VirtualItem)

```
public string PathDot { get; set; }  
(AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter)
```

Property Value

Type	Description
VirtualItem<T> string (https://learn.microsoft.com/dotnet/api/system.string)	

PathDotDot

Declaration
(AkiraNetwork.VirtualStorageLibrary.VirtualNode)

```
public VirtualNodeExtensions  
VirtualNodeListConditions  
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeContext)
```

Property Value

Type	Description
VirtualNodeNotFoundException string (https://learn.microsoft.com/dotnet/api/system.string)	

PathRoot

Declaration

```
public string PathRoot { get; set; }
```



Property Value

Type	Description
NotifyNodeDelegate<T> string (https://learn.microsoft.com/dotnet/api/system.string) (AkiraNetwork.VirtualStorageLibrary)	

PathSeparator

Declaration
Directory
(AkiraNetwork.VirtualStorageLibrary)

VirtualDirectoryAdapter { get; set; }
(AkiraNetwork.VirtualStorageLibrary)

Property Value

Type	Description
AkiraNetwork.VirtualStorageLibrary	

Property Value

VirtualException
VirtualGroupCondition<T, TKey>
char (<https://learn.microsoft.com/dotnet/api/system.char>)
(AkiraNetwork.VirtualStorageLibrary)

2.html)

VirtualID

PrefixDirectory

Declaration
VirtualItem
(AkiraNetwork.VirtualStorageLibrary)

VirtualItemAdapter<T>
public string PrefixDirectory { get; set; }
1.html)

Property Value

Type	Description
.html)	

VirtualNode

string (<https://learn.microsoft.com/dotnet/api/system.string>)
(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary)

PrefixItem

Declaration
VirtualNodeListConditions
(AkiraNetwork.VirtualStorageLibrary)

PrefixItem { get; set; }
VirtualNodeName

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeNotFoundException

(AkiraNetwork.VirtualStorageLibrary)

Property Value

Type	Description
VirtualNodeType string (https://learn.microsoft.com/dotnet/api/system.string) VirtualNodeTypeFilter	

PrefixSymbolicLink

Declaration

```
public string PrefixSymbolicLink { get; set; }
```



Property Value

Type	Description
(AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate<T> string (https://learn.microsoft.com/dotnet/api/system.string))	

PatternMatch

(AkiraNetwork.VirtualStorageLibrary.VirtualCycleDetector)

VirtualCycleDetector

(AkiraNetwork.VirtualStorageLibrary.VirtualStorageSettings.Settings)

Settings

Declaration

Directory (AkiraNetwork.VirtualStorageLibrary)

VirtualDirectoryAdapter<T> VirtualStorageSettings Settings { get; }

(AkiraNetwork.VirtualStorageLibrary)

1.html)

Property Value

VirtualException

Type	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition<T, TKey> VirtualStorageSettings (AkiraNetwork.VirtualStorageLibrary.VirtualStorageSettings.html))	

2.html)

VirtualID

WildcardMatcher

VirtualItem

Declaration

(AkiraNetwork.VirtualStorageLibrary)

VirtualItemAdapter<T>

VirtualWildcardMatcher WildcardMatcher { get; set; }

1.html)

Property Value

(AkiraNetwork.VirtualStorageLibrary)

Type	Description
(AkiraNetwork.VirtualStorageLibrary.IVirtualWildcardMatcher.html)	

VirtualNode

IVirtualWildcardMatcher (AkiraNetwork.VirtualStorageLibrary.IVirtualWildcardMatcher.html)

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeListConditions

(AkiraNetwork.VirtualStorageLibrary)

Initialize()

VirtualNodeName

Declaration

(AkiraNetwork.VirtualStorageLibrary)

VirtualNotFoundException

(AkiraNetwork.VirtualStorageLibrary)

public static void Initialize();

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeTypeFilter

Extension Methods

VirtualTextFormatter.GenerateSingleTableDebugText<T>(T)
(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utilitie
s_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_)

▼

(AkiraNetwork.VirtualStorageLibrary.
NotifyNodeDelegate
(AkiraNetwork.VirtualStorageLibrary.
PatternMatch
(AkiraNetwork.VirtualStorageLibrary.
VirtualCycleDetector
(AkiraNetwork.VirtualStorageLibrary.
VirtualDirectory
(AkiraNetwork.VirtualStorageLibrary.
VirtualDirectoryAdapter<T>
(AkiraNetwork.VirtualStorageLibrary.
1.html)
VirtualException
(AkiraNetwork.VirtualStorageLibrary.
VirtualGroupCondition<T, TKey>
(AkiraNetwork.VirtualStorageLibrary.
2.html)
VirtualID
(AkiraNetwork.VirtualStorageLibrary.
VirtualItem
(AkiraNetwork.VirtualStorageLibrary.
VirtualItemAdapter<T>
(AkiraNetwork.VirtualStorageLibrary.
1.html)
VirtualItem<T>
(AkiraNetwork.VirtualStorageLibrary.
1.html)
VirtualNode
(AkiraNetwork.VirtualStorageLibrary.
VirtualNodeContext
(AkiraNetwork.VirtualStorageLibrary.
VirtualNodeExtensions
(AkiraNetwork.VirtualStorageLibrary.
VirtualNodeListConditions
(AkiraNetwork.VirtualStorageLibrary.
VirtualnodeName
(AkiraNetwork.VirtualStorageLibrary.
VirtualNodeNotFoundException
(AkiraNetwork.VirtualStorageLibrary.
VirtualNodeType
(AkiraNetwork.VirtualStorageLibrary.
VirtualNodeTypeFilter


```
public char[] InvalidNodeNameCharacters { get; set; }
```

Property Value

Type	Description
char (https://learn.microsoft.com/dotnet/api/system.char)[] (AkiraNetwork.VirtualStorageLibrary.VirtualNodeListConditions)	

NodeListConditions

Declaration

```
(AkiraNetwork.VirtualStorageLibrary.VirtualCycleDetector)
(AkiraNetwork.VirtualStorageLibrary.VirtualException)
public VirtualNodeListConditions NodeListConditions { get; set; }
VirtualDirectory
(AkiraNetwork.VirtualStorageLibrary.VirtualException)
```

Property Value

Type	Description
VirtualNodeListConditions (AkiraNetwork.VirtualStorageLibrary.VirtualNodeListConditions.html) (AkiraNetwork.VirtualStorageLibrary.VirtualException)	

PathDot

Declaration

```
(AkiraNetwork.VirtualStorageLibrary.VirtualItem)
public string PathDot { get; set; }
(AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter)
```

Property Value

Type	Description
VirtualItem<T> (AkiraNetwork.VirtualStorageLibrary.VirtualItem.html)	

Type

string (https://learn.microsoft.com/dotnet/api/system.string)

Declaration

```
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions)
public VirtualNodeContext VirtualNode { get; set; }
VirtualNodeListConditions
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeContext)
```

Property Value

Type	Description
VirtualNodeNotFoundException (https://learn.microsoft.com/dotnet/api/system.exception)	

PathRoot

Declaration

```
public string PathRoot { get; set; }
```



Property Value

Type	Description
NotifyNodeDelegate<string> (AkiraNetwork.VirtualStorageLibrary)	

PathSeparator

Declaration
Directory

```
(AkiraNetwork.VirtualStorageLibrary)  
VirtualDirectoryAdapter { get; set; }  
(AkiraNetwork.VirtualStorageLibrary)  
1.html)
```

Property Value

Type	Description
AkiraNetwork.VirtualStorageLibrary	

PrefixDirectory

Declaration
(AkiraNetwork.VirtualStorageLibrary)

```
VirtualItemAdapter<T>  
(AkiraNetwork.VirtualStorageLibrary) { get; set; }  
1.html)
```

Property Value

Type	Description
.html)	

PrefixItem

Declaration
(AkiraNetwork.VirtualStorageLibrary)

```
VirtualNodeListConditions  
(AkiraNetwork.VirtualStorageLibrary)  
public string PrefixItem { get; set; }  
VirtualNodeName  
(AkiraNetwork.VirtualStorageLibrary)
```

Property Value

Type	Description
VirtualNodeType (AkiraNetwork.VirtualStorageLibrary)	

PrefixSymbolicLink

Declaration

```
public string PrefixSymbolicLink { get; set; }
```



Property Value

Type	Description
(AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate string (https://learn.microsoft.com/dotnet/api/system.string) (AkiraNetwork.VirtualStorageLibrary.PatternMatch (AkiraNetwork.VirtualStorageLibrary.VirtualCycleDetector (AkiraNetwork.VirtualStorageLibrary.Declaration Directory (AkiraNetwork.VirtualStorageLibrary.VirtualStorageState State { get; } (AkiraNetwork.VirtualStorageLibrary.1.html) VirtualException	

State

(AkiraNetwork.VirtualStorageLibrary.VirtualStorageState.html)

VirtualID

Type	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition<T, TKey> VirtualStorageState (AkiraNetwork.VirtualStorageLibrary.VirtualStorageState.html) (AkiraNetwork.VirtualStorageLibrary.2.html)	

WildcardMatcher

VirtualItem

Declaration
(AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter<T>

```
public VirtualWildcardMatcher? WildcardMatcher { get; set; }
```

1.html)

Type	Description
(.html)	

Type	Description
IVirtualWildcardMatcher (AkiraNetwork.VirtualStorageLibrary.IVirtualWildcardMatcher.html) (AkiraNetwork.VirtualStorageLibrary.VirtualNodeContext (AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions (AkiraNetwork.VirtualStorageLibrary.VirtualNodeListConditions (AkiraNetwork.VirtualStorageLibrary.VirtualNodeType VirtualNodeTypeFilter	

Methods

Set NodeList Conditions(VirtualNodeListConditions)

Declaration
(AkiraNetwork.VirtualStorageLibrary.VirtualNotFoundException

```
public static void Set NodeList Conditions(VirtualNodeListConditions conditions)  
VirtualNodeType
```

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeTypeFilter

Parameters
VirtualNodeTypeFilter

Type	Name	Description
VirtualNodeListConditions (AkiraNetwork.VirtualStorageLibrary.VirtualNodeListConditions.html)	conditions	

▼

SetNodeListConditions(VirtualNodeTypeFilter, VirtualGroupCondition<VirtualNode, object>?, List<VirtualSortCondition<VirtualNode>>?)

Declaration
PatternMatch

```
(AkiraNetwork.VirtualStorageLibrary.VirtualCycleDetector)
public static void SetNodeListConditions(VirtualNodeTypeFilter filter, VirtualGroupCondition<VirtualNode, object>? groupCondition = null, List<VirtualSortCondition<VirtualNode>>? sortConditions = null)
```

VirtualDirectory
(AkiraNetwork.VirtualStorageLibrary.VirtualDirectoryAdapter<T>)

VirtualNodeTypeFilter
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeTypeFilter.html)

VirtualGroupCondition<T, TKey>
VirtualGroupCondition
(AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition-2.html)
<VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html),
VirtualID
object (https://learn.microsoft.com/dotnet/api/system.object)>
(AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition-2.html)

List<VirtualSortCondition<VirtualNode>>
(AkiraNetwork.VirtualStorageLibrary.VirtualSortCondition-1.html)
VirtualItemAdapter<T>
<VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)>
(AkiraNetwork.VirtualStorageLibrary.VirtualSortCondition-1.html)

VirtualItem<T>
(AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter-1.html)

VirtualTextFormatter.GenerateSingleTableDebugText<T>(T)
(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utilsitie
s_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_)

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions)
VirtualNodeExtensions
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeListConditions)
VirtualNodeListConditions
(AkiraNetwork.VirtualStorageLibrary.VirtualnodeName)
VirtualnodeName
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeNotFoundException)
VirtualNodeNotFoundException
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeType)
VirtualNodeType
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeTypeFilter)

Extension Methods

Class VirtualStorage<T>

Inheritance

↳ [Object](#) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ [VirtualStorage<T>](#)
(AkiraNetwork.VirtualStorageLibrary)

Inherited Members

NotifyNodeDelegate

object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
PatternMatch
(AkiraNetwork.VirtualStorageLibrary)
object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
VirtualCycleDetector
(AkiraNetwork.VirtualStorageLibrary)
object.GetHashCode() (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
object.GetType() (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
object.MemberwiseClone()
(AkiraNetwork.VirtualStorageLibrary)
object.ReferenceEquals(object1, object2) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
object.ToString() (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)
1.html)

Namespace: AkiraNetwork (AkiraNetwork.html).VirtualStorageLibrary (AkiraNetwork.VirtualStorageLibrary.html)
VirtualException

Assembly: VirtualStorageLibrary.dll

Syntax: VirtualGroupCondition<T, TKey>

(AkiraNetwork.VirtualStorageLibrary)

public class VirtualStorage<T>

VirtualID

(AkiraNetwork.VirtualStorageLibrary)

Type Parameters:

VirtualItem

Name	Description
VirtualItemAdapter<T>	
T	(AkiraNetwork.VirtualStorageLibrary)

1.html)

VirtualItem<T>

Constructors

(AkiraNetwork.VirtualStorageLibrary)

1.html)

VirtualNode

VirtualStorage()

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeExtensions

public VirtualStorage() (AkiraNetwork.VirtualStorageLibrary)

VirtualNodeListConditions

(AkiraNetwork.VirtualStorageLibrary)

VirtualnodeName

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeNotFoundException

(AkiraNetwork.VirtualStorageLibrary)

Properties

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeTypeFilter

```
public VirtualPath CurrentPath { get; }
```

Property Value

Type	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	(AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate (AkiraNetwork.VirtualStorageLibrary.PatternMatch))

CycleDetectorForTarget

Declaration
AkiraNetwork.VirtualStorageLibrary.VirtualCycleDetector
VirtualCycleDetector
(AkiraNetwork.VirtualStorageLibrary.VirtualCycleDetector.CycleDetectorForTarget { get; })
VirtualDirectory
(AkiraNetwork.VirtualStorageLibrary.VirtualDirectoryAdapter<T>)

Property Value

Type	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualCycleDetector 1.html) VirtualCycleDetector (AkiraNetwork.VirtualStorageLibrary.VirtualCycleDetector.html)	(AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition<T, TKey> (AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition 2.html))

CycleDetectorForTree

Declaration
VirtualItem
VirtualCycleDetector CycleDetectorForTree { get; }
(AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter<T>)

Property Value

Type	Description
1.html VirtualItem<T> VirtualCycleDetector (AkiraNetwork.VirtualStorageLibrary.VirtualCycleDetector.html)	(AkiraNetwork.VirtualStorageLibrary.VirtualNodeContext)

Dir

Declaration
VirtualNode
VirtualNodeContext
VirtualNodeExtensions
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeListConditions Dir { get; })
VirtualNodeListConditions
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeName)

Property Value

Type	Description
AkiraNetwork.VirtualStorageLibrary.VirtualNodeNotFoundException VirtualDirectoryAdapter (AkiraNetwork.VirtualStorageLibrary.VirtualDirectoryAdapter-1.html)<T> (AkiraNetwork.VirtualStorageLibrary.VirtualNodeType) (AkiraNetwork.VirtualStorageLibrary.VirtualNodeTypeFilter)	(AkiraNetwork.VirtualStorageLibrary.VirtualNodeContext)

this[VirtualPath, bool]

Declaration

```
public VirtualNode this[VirtualPath path, bool followLinks = true] { get; set; }
```



Parameters

Type	Name	Description
NotifyNodeDelegate (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	path	
bool (https://learn.microsoft.com/dotnet/api/system.boolean) (AkiraNetwork.VirtualStorageLibrary.VirtualCycleDetector)	followLinks	

Property Value

(AkiraNetwork.VirtualStorageLibrary.VirtualDirectory)

Type	Description
VirtualDirectory (AkiraNetwork.VirtualStorageLibrary.VirtualNode) VirtualDirectoryAdapter<T> (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html) 1.html)	

Item

(AkiraNetwork.VirtualStorageLibrary.VirtualException)

Declaration

```
VirtualGroupCondition<T, TKey>  
(AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter<T> Item { get; })  
2.html)
```

VirtualID

(AkiraNetwork.VirtualStorageLibrary.VirtualItem)

Type	Description
VirtualItemAdapter<T> VirtualItemAdapter<T> (AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter-1.html)<T> (AkiraNetwork.VirtualStorageLibrary.VirtualItem.html)	

1.html)

VirtualItem<T>

Link

(AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink)

1.html)

Declaration

```
VirtualNode  
(AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLinkAdapter<T> Link { get; })  
VirtualNodeContext
```

(AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink)

Property Value

(AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink)

Type	Description
VirtualNodeListConditions VirtualNodeName <T>(AkiraNetwork.VirtualStorageLibrary.VirtualNodeNotNotFoundException) (AkiraNetwork.VirtualStorageLibrary.VirtualNodeType) VirtualNodeTypeFilter	

LinkDictionary

(AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink)

VirtualNodeTypeFilter

Declaration

```
public Dictionary<VirtualPath, HashSet<VirtualPath>> LinkDictionary { get; }
```

Property Value

Type	Description
Dictionary<AkiraNetwork.VirtualStorageLibrary.VirtualPath, HashSet<AkiraNetwork.VirtualStorageLibrary.VirtualPath>> (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2) < VirtualPath> (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html), HashSet<AkiraNetwork.VirtualStorageLibrary.VirtualPath> (https://learn.microsoft.com/dotnet/api/system.collections.generic.hashset-1) < VirtualPath> (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)>>	

Root

VirtualDirectory

Declaration

```
VirtualDirectoryAdapter<T>
(AkiraNetwork.VirtualStorageLibrary.VirtualDirectoryRoot { get; } 1.html)
```

VirtualException

Property Value

AkiraNetwork.VirtualStorageLibrary.

Type	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualDirectory 2.html)	

VirtualID

(AkiraNetwork.VirtualStorageLibrary.

VirtualItem

(AkiraNetwork.VirtualStorageLibrary.

VirtualItemAdapter<T>

(AkiraNetwork.VirtualStorageLibrary.

Methods

AddDirectory(VirtualPath, VirtualDirectory, bool)

VirtualItem<T>

Declaration

(AkiraNetwork.VirtualStorageLibrary.

1.html)

```
VirtualNode AddDirectory(VirtualPath directoryPath, VirtualDirectory directory, bool creates
subdirectories) (false)
```

(AkiraNetwork.VirtualStorageLibrary.

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary.

VirtualNodeExtensions

Type	Name	Description
(AkiraNetwork.VirtualStorageLibrary.		
VirtualNodeListConditions		
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	directoryPath	
(AkiraNetwork.VirtualStorageLibrary.		
VirtualDirectory (AkiraNetwork.VirtualStorageLibrary.VirtualDirectory.html)	directory	
(AkiraNetwork.VirtualStorageLibrary.		
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	createSubdirectories	
(AkiraNetwork.VirtualStorageLibrary.		
VirtualNodeType		

Type	Name	Description
(AkiraNetwork.VirtualStorageLibrary.		
VirtualNodeListConditions		
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	directoryPath	
(AkiraNetwork.VirtualStorageLibrary.		
VirtualDirectory (AkiraNetwork.VirtualStorageLibrary.VirtualDirectory.html)	directory	
(AkiraNetwork.VirtualStorageLibrary.		
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	createSubdirectories	
(AkiraNetwork.VirtualStorageLibrary.		
VirtualNodeType		

AddDirectory(VirtualPath, VirtualDirectory, bool)

VirtualNodeTypeFilter

Declaration

```
public void AddDirectory(VirtualPath path, bool createSubdirectories = false)
```

Parameters

Type	Name	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	path	
bool (https://learn.microsoft.com/dotnet/api/system.boolean) (AkiraNetwork.VirtualStorageLibrary)	createSubdirectories	

AddItem(VirtualPath, VirtualItem<T>, bool)

(AkiraNetwork.VirtualStorageLibrary)

Declaration

```
VirtualDirectory  
    (AkiraNetwork.VirtualStorageLibrary)  
VirtualDirectoryAdapter  
    (AkiraNetwork.VirtualStorageLibrary)  
VirtualPath AddItem(VirtualPath itemDirectoryPath, VirtualItem<T> item, bool overwrite = false)  
    (AkiraNetwork.VirtualStorageLibrary)  
        1.html)
```

Parameters

Type	Name	Description
VirtualGroupCondition<T, TKey>		
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html) 2.html)	itemDirectoryPath	
VirtualItem<T> (AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html) <T> (AkiraNetwork.VirtualStorageLibrary)	item	

AddItem(VirtualPath, T?, bool)

(AkiraNetwork.VirtualStorageLibrary)
VirtualItemAdapter<T>
 1.html)

Declaration

```
VirtualItem<T>  
    (AkiraNetwork.VirtualStorageLibrary)  
public void AddItem(VirtualPath itemPath, T? data = default, bool overwrite = false)  
    (AkiraNetwork.VirtualStorageLibrary)
```

Parameters

Type	Name	Description
VirtualNodeContext		
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html) (AkiraNetwork.VirtualStorageLibrary)	itemPath	
T VirtualNodeListConditions (AkiraNetwork.VirtualStorageLibrary)	data	

AddLinkToDictionary(VirtualPath, VirtualPath)

Declaration

VirtualNodeType
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeTypeFilter

```
public void AddLinkToDictionary(VirtualPath targetPath, VirtualPath linkPath)
```

Parameters

Type	Name	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	targetPath	
(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	linkPath	

(AkiraNetwork.VirtualStorageLibrary.

PatternMatch

AddNode(VirtualPath, VirtualNode, bool)

VirtualCycleDetector

Declaration (AkiraNetwork.VirtualStorageLibrary.

VirtualDirectory

```
public void AddNode(VirtualPath nodeDirectoryPath, VirtualNode node, bool overwrite = false)
```

VirtualDirectoryAdapter<T>

(AkiraNetwork.VirtualStorageLibrary.

1.html)

Type VirtualException

Name

Description

(AkiraNetwork.VirtualStorageLibrary.

VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

nodeDirectoryPath

VirtualGroupCondition<T, TKey>

VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)

node

2.html)

bool (<https://learn.microsoft.com/dotnet/api/system.boolean>)

overwrite

VirtualID

(AkiraNetwork.VirtualStorageLibrary.

VirtualItem

AddSymbolicLink(VirtualPath, VirtualPath?, bool)

VirtualItemAdapter<T>

Declaration (AkiraNetwork.VirtualStorageLibrary.

1.html)

```
public void AddSymbolicLink(VirtualPath linkPath, VirtualPath? targetPath = null, bool overwrite = false)
```

(AkiraNetwork.VirtualStorageLibrary.

1.html)

VirtualNode

(AkiraNetwork.VirtualStorageLibrary.

Type VirtualNodeContext

Name

Description

(AkiraNetwork.VirtualStorageLibrary.

VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

linkPath

VirtualNodeExtensions

VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

targetPath

VirtualNodeListConditions

bool (<https://learn.microsoft.com/dotnet/api/system.boolean>)

overwrite

(AkiraNetwork.VirtualStorageLibrary.

VirtualNodeName

(AkiraNetwork.VirtualStorageLibrary.

AddSymbolicLink(VirtualPath, VirtualSymbolicLink, bool)

(AkiraNetwork.VirtualStorageLibrary.

Declaration VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary.

VirtualNodeTypeFilter

```
public void AddSymbolicLink(VirtualPath linkDirectoryPath, VirtualSymbolicLink link, bool overwrite = false)
```

Parameters

Type	Name	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	<i>linkDirectoryPath</i>	
NotifyNodeDelegate VirtualSymbolicLink (AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink.html) PatternMatch	<i>link</i>	
bool (AkiraNetwork.VirtualStorageLibrary.net/api/system.boolean)	<i>overwrite</i>	

ChangeDirectory(VirtualPath)

Declaration

```
VirtualDirectoryAdapter<T>
(AkiraNetwork.VirtualStorageLibrary
1.html)
public void ChangeDirectory(VirtualPath path)
VirtualException
(AkiraNetwork.VirtualStorageLibrary)
```

Parameters

VirtualGroupCondition<T, TKey>

Type	Name	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	<i>path</i>	

ConvertToAbsolutePath(VirtualPath?, VirtualPath?)

Declaration

```
AkiraNetwork.VirtualStorageLibrary
1.html)
VirtualItem<T> ConvertToAbsolutePath(VirtualPath? relativePath, VirtualPath? basePath =
n(AkiraNetwork.VirtualStorageLibrary
1.html)
```

Parameters

VirtualNodeContext

Type	Name	Description
VirtualNodeContext (AkiraNetwork.VirtualStorageLibrary)		
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	<i>relativePath</i>	

VirtualNodeExtensions

Type	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	

VirtualNodeListConditions

VirtualNodeName

Type	Description
VirtualNodeNotFoundException VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	

VirtualNodeType

VirtualStorageLibrary

CopyNode(VirtualPath, VirtualPath, bool, bool, List<VirtualNodeContext>?)

Declaration

```
public void CopyNode(VirtualPath sourcePath, VirtualPath destinationPath, bool overwrite = false, bool recursive = false, bool followLinks = false, List<VirtualNodeContext>? destinationContextList = null)
```



Parameters

Type	Name	Description
NotifyNodeDelegate		
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	sourcePath	
PatternMatch	destinationPath	
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	overwrite	
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	recursive	
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	followLinks	
List<VirtualNodeContext> (AkiraNetwork.VirtualStorageLibrary.VirtualDirectoryAdapter<T>)	destinationContextList	
1) 1.html		
< VirtualException		
VirtualNodeContext		
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeContext.html)		
> VirtualGroupCondition<T, TKey>		
(AkiraNetwork.VirtualStorageLibrary.VirtualID)		
2.html)		
VirtualID		

DirectoryExists(VirtualPath, bool)

Declaration

```
public bool DirectoryExists(VirtualPath path, bool followLinks = false)
```

Parameters

Type	Name	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	path	
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	followLinks	

Returns

Type	Description
VirtualNodeListConditions	

ExpandPath(VirtualPath, VirtualNodeTypeFilter, bool, bool)

Declaration

```
public VirtualNodeList ExpandPath(VirtualPath path, VirtualNodeTypeFilter typeFilter, bool recursive = false, bool followLinks = false)
```

```
public IEnumerable<VirtualPath> ExpandPath(VirtualPath path, VirtualNodeTypeFilter filter =
VirtualNodeTypeFilter.All, bool followLinks = true, bool resolveLinks = true)
```

Parameters

Type	Name	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	path	
NotifyNodeDelegate VirtualNodeTypeFilter (AkiraNetwork.VirtualStorageLibrary.VirtualNodeTypeFilter.html) PatternMatch	filter	
bool (AkiraNetwork.VirtualStorageLibrary (https://learn.microsoft.com/dotnet/api/system.boolean))	followLinks	
VirtualCycleDetector bool (https://learn.microsoft.com/dotnet/api/system.boolean) (AkiraNetwork.VirtualStorageLibrary)	resolveLinks	

VirtualDirectory

Returns
(AkiraNetwork.VirtualStorageLibrary)

Type	Description
VirtualDirectoryAdapter<T>	
(AkiraNetwork.VirtualStorageLibrary)	
IEnumerable (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)< VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)>	
VirtualException	

(AkiraNetwork.VirtualStorageLibrary)

VirtualGroupCondition<T, TKey>

(AkiraNetwork.VirtualStorageLibrary)

ExpandPathTree(VirtualPath, VirtualNodeTypeFilter, bool, bool)

Declaration

(AkiraNetwork.VirtualStorageLibrary)

```
virtual IEnumerable<VirtualNodeContext> ExpandPathTree(VirtualPath path, VirtualNodeTypeFilte
r (AkiraNetwork.VirtualStorageLibrary.VirtualNodeTypeFilter.All, bool followLinks = true, bool resolveLinks = true)
```

VirtualItemAdapter<T>

(AkiraNetwork.VirtualStorageLibrary)

Parameters

Type	Name	Description
virtualItem<T>		
(AkiraNetwork.VirtualStorageLibrary)		
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	path	
VirtualNodeTypeFilter	filter	
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeTypeFilter.html)		
VirtualNodeContext		
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	followLinks	
(AkiraNetwork.VirtualStorageLibrary)		
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	resolveLinks	
(AkiraNetwork.VirtualStorageLibrary)		

Returns

(AkiraNetwork.VirtualStorageLibrary)

Parameters

Type	Description
virtualNodeName	
(AkiraNetwork.VirtualStorageLibrary)	
IEnumerable (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)< VirtualNodeNotFoundException	
VirtualNodeContext (AkiraNetwork.VirtualStorageLibrary.VirtualNodeContext.html)>	
(AkiraNetwork.VirtualStorageLibrary)	

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary)

GetDirectory(VirtualPath, bool)

Declaration

```
public VirtualDirectory GetDirectory(VirtualPath path, bool followLinks = false)
```

Parameters

Type	Name	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	path	
bool (https://learn.microsoft.com/dotnet/api/system.boolean) (AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate)	followLinks	

PatternMatch

Returns: (AkiraNetwork.VirtualStorageLibrary.VirtualDirectory)

Type	Description
VirtualCycleDetector (AkiraNetwork.VirtualStorageLibrary.VirtualCycleDetector)	
VirtualDirectory (AkiraNetwork.VirtualStorageLibrary.VirtualDirectory.html) VirtualDirectory	

(AkiraNetwork.VirtualStorageLibrary.VirtualDirectory)

VirtualDirectoryAdapter<T>

(AkiraNetwork.VirtualStorageLibrary.VirtualDirectoryAdapter<T>)

VirtualItem (AkiraNetwork.VirtualStorageLibrary.VirtualItem.html)

VirtualItem

VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

(AkiraNetwork.VirtualStorageLibrary.VirtualPath)

VirtualPath

VirtualID

Type	Name	Description
AkiraNetwork.VirtualStorageLibrary.VirtualItem	path	
bool (https://learn.microsoft.com/dotnet/api/system.boolean) (AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate)	followLinks	

VirtualItem

VirtualItem<T>

Type	Description
AkiraNetwork.VirtualStorageLibrary.VirtualItem<T> VirtualItem<T>	

VirtualItem<T>

(AkiraNetwork.VirtualStorageLibrary.VirtualItem<T>)

VirtualNodeContext

GetLinksFromDictionary(VirtualPath)

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeExtensions)

VirtualNodeListConditions

```
public HashSet<VirtualPath> GetLinksFromDictionary(VirtualPath targetPath)
```

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeListConditions)

VirtualNodeName

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeName)

VirtualNodeNotFoundException

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeNotFoundException)

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeType)

VirtualNodeTypeFilter

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeTypeFilter)

Type	Name	Description
VIRTUALNODETYPE (AkiraNetwork.VirtualStorageLibrary.VirtualNodeType)	targetPath	

Returns

Type	Description
HashSet (https://learn.microsoft.com/dotnet/api/system.collections.generic.hashset-1)< VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)>	

1

GetNode(VirtualPath, bool)

NotifyNodeDelegate
(AkiraNetwork.VirtualStorageLibrary)

```
PatternMatch
public VirtualNode GetNode(VirtualPath path, bool followLinks = false)
(AkiraNetwork.VirtualStorageLibrary)
```

VirtualCycleDetector

(AkiraNetwork.VirtualStorageLibrary)

Type	VirtualDirectory (AkiraNetwork.VirtualStorageLibrary)	Name	Description
VirtualDirectoryAdapter	VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	<i>path</i>	
bool	(https://learn.microsoft.com/dotnet/api/system.boolean) 1.html	<i>followLinks</i>	

VirtualException
Return [AkiraNetwork.VirtualStorageLibrary](#)

Type	Description
VirtualGroupCondition<T, TKey> (AkiraNetwork.VirtualStorageLibrary)	
VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)	

VirtualItem **GetNodeType(VirtualPath, bool)**

(AkiraNetwork.VirtualStorageLibrary)
DeclarativeVirtualItemAdapter<T>

(AkiraNetwork.VirtualStorageLibrary
1.html)vi: +1N+L T -> G+N+L T

```
public virtual NodeType GetNodeType()
    VirtualItem<T>
(AkiraNetwork.VirtualStorageLibrary)
```

Parameters

Type	Name	Description
VirtualNode (AkiraNetwork.VirtualStorageLibrary)		
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html) VirtualNodeContext	path	
bool (https://learn.microsoft.com/dotnet/api/system.boolean) VirtualNodeExtensions	followLinks	

Returns `VirtualNodeListConditions`

Type	AkiraNetwork.VirtualStorageLibrary	Description
VirtualNodeName	VirtualNodeType (AkiraNetwork.VirtualStorageLibrary.VirtualNodeType.html) (AkiraNetwork.VirtualStorageLibrary)	

VirtualNodeNotFoundException (AkiraNetwork VirtualStorage library)

GetNodes(VirtualNodeTypeFilter, bool, bool)

Declaration

```
public IEnumerable<VirtualNode> GetNodes(VirtualNodeTypeFilter nodeType = VirtualNodeTypeFilter.All, bool recursive = false, bool followLinks = false)
```

Parameters

Type	Name	Description
VirtualNodeTypeFilter (AkiraNetwork.VirtualStorageLibrary.VirtualNodeTypeFilter.html)	nodeType	
bool (https://learn.microsoft.com/dotnet/api/system.boolean) PatternMatch	recursive	
bool (AkiraNetwork.VirtualStorageLibrary.dotnet/api/system.boolean)	followLinks	

Returns

Type	Description
VirtualDirectory (AkiraNetwork.VirtualStorageLibrary)	

VirtualDirectoryAdapter
(https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)<

VirtualNode
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)>
1.html)

VirtualException
(AkiraNetwork.VirtualStorageLibrary)

GetNodes(VirtualPath, VirtualNodeTypeFilter, bool, bool)

Declaration

```
public IEnumerable<VirtualNode> GetNodes(VirtualPath basePath, VirtualNodeTypeFilter nodeTyp  
(AkiraNetwork.VirtualStorageLibrary)  
e = VirtualNodeTypeFilter.All, bool recursive = false, bool followLinks = false)  
VirtualItem  
(AkiraNetwork.VirtualStorageLibrary)
```

Parameters

Type	Name	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	basePath	
VirtualNodeTypeFilter (AkiraNetwork.VirtualStorageLibrary) 1.html)	nodeType	
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	recursive	
VirtualNodeContext (AkiraNetwork.VirtualStorageLibrary) VirtualNode	followLinks	

Returns

Type	Description
VirtualNodeListConditions (AkiraNetwork.VirtualStorageLibrary)	

IEnumerable<(https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)<

VirtualNode
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)>

VirtualNodeNotFoundException
(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeType
(AkiraNetwork.VirtualStorageLibrary)

GetNodesWithPaths(VirtualNodeTypeFilter, bool, bool)

Declaration

VirtualNodeTypeFilter
(AkiraNetwork.VirtualStorageLibrary)

```
public IEnumerable<VirtualPath> GetNodesWithPaths(VirtualNodeTypeFilter nodeType = VirtualNodeTypeFilter.All, bool recursive = false, bool followLinks = false)
```

Parameters

Type	Name	Description
VirtualNodeTypeFilter (AkiraNetwork.VirtualStorageLibrary.VirtualNodeTypeFilter.html)	nodeType	
bool (https://learn.microsoft.com/dotnet/api/system.boolean) PatternMatch	recursive	
bool (AkiraNetwork.VirtualStorageLibrary.dotnet/api/system.boolean)	followLinks	

Returns

Type	Description
VirtualDirectory (AkiraNetwork.VirtualStorageLibrary)	

GetNodesWithPaths(VirtualPath, VirtualNodeTypeFilter, bool, bool)

Declaration

```
public IEnumerable<VirtualPath> GetNodesWithPaths(VirtualPath basePath, VirtualNodeTypeFilter nodeType = VirtualNodeTypeFilter.All, bool recursive = false, bool followLinks = false)
    VirtualItem
    (AkiraNetwork.VirtualStorageLibrary)
```

Parameters

Type	Name	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	basePath	
VirtualNodeTypeFilter (AkiraNetwork.VirtualStorageLibrary.VirtualNodeTypeFilter.html)	nodeType	
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	recursive	
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	followLinks	

Returns

Type	Description
VirtualNodeListConditions (AkiraNetwork.VirtualStorageLibrary)	

GetSymbolicLink(VirtualPath)

Declaration

```
VirtualNodeFilter
(AkiraNetwork.VirtualStorageLibrary)
```

Parameters

Returns

```
public VirtualSymbolicLink GetSymbolicLink(VirtualPath path)
```

Parameters

Type	Name	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html) (AkiraNetwork.VirtualStorageLibrary)	path	

Returns

Type	Description
VirtualSymbolicLink (AkiraNetwork.VirtualStorageLibrary.VirtualStorageLibrary.VirtualSymbolicLink.html)	

VirtualCycleDetector
(AkiraNetwork.VirtualStorageLibrary)

VirtualDirectory
(AkiraNetwork.VirtualStorageLibrary)

ItemExists(VirtualPath, bool)
(AkiraNetwork.VirtualStorageLibrary)

VirtualDirectoryAdapter<T>
(AkiraNetwork.VirtualStorageLibrary)

```
1.html)
public bool ItemExists(VirtualPath path, bool followLinks = false)
```

VirtualException
(AkiraNetwork.VirtualStorageLibrary)

Parameters

Type	Name	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	path	
bool (https://learn.microsoft.com/dotnet/api/system.boolean) VirtualItem (AkiraNetwork.VirtualStorageLibrary)	followLinks	

VirtualItemAdapter<T>
(AkiraNetwork.VirtualStorageLibrary)

Type	Description
VirtualItemAdapter<T> (AkiraNetwork.VirtualStorageLibrary)	

VirtualItem
(AkiraNetwork.VirtualStorageLibrary)

MoveNode(VirtualPath, VirtualPath, bool, bool)
(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeContext
(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeExtensions
(AkiraNetwork.VirtualStorageLibrary)

```
public void MoveNode(VirtualPath sourcePath, VirtualPath destinationPath, bool overwrite = false)
```

VirtualNodeListConditions
(AkiraNetwork.VirtualStorageLibrary)

Parameters
VirtualNodeName
(AkiraNetwork.VirtualStorageLibrary)

Type	Name	Description
VirtualNodeNotFoundException VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html) (AkiraNetwork.VirtualStorageLibrary)	sourcePath	
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html) (AkiraNetwork.VirtualStorageLibrary)	destinationPath	
bool (https://learn.microsoft.com/dotnet/api/system.boolean) VirtualNodeTypeFilter (AkiraNetwork.VirtualStorageLibrary)	overwrite	

Type	Name	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>resolveLinks</i>	

NodeExists(VirtualPath, bool)

Declaration

```
(AkiraNetwork.VirtualStorageLibrary)
    NotifyNodeDelegate
public bool NodeExists(VirtualPath path, bool followLinks = false)
(AkiraNetwork.VirtualStorageLibrary)
    PatternMatch
```

Parameters

Type	Name	Description
VirtualCycleDetector (AkiraNetwork.VirtualStorageLibrary)		
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html) bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>path</i> <i>followLinks</i>	

Returns

Type	Description
VirtualException (AkiraNetwork.VirtualStorageLibrary)	

RemoveLinkByLinkPath(VirtualPath)

Declaration

```
(AkiraNetwork.VirtualStorageLibrary)
VirtualItemAdapter<T>
public void RemoveLinkByLinkPath(VirtualPath linkPath)
(AkiraNetwork.VirtualStorageLibrary)
    1.html)
```

Parameters

Type	Name	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	<i>linkPath</i>	

RemoveLinkFromDictionary(VirtualPath, VirtualPath)

Declaration

```
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeListConditions
public void RemoveLinkFromDictionary(VirtualPath targetPath, VirtualPath linkPath)
    VirtualnodeName
```

Parameters

Type	Name	Description
VirtualNodeType VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	<i>targetPath</i>	

VirtualNodeTypeFilter

Type	Name	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	linkPath	

RemoveNode(VirtualPath, bool, bool, bool)

Declaration

```
(AkiraNetwork.VirtualStorageLibrary)
    NotifyNodeDelegate
public void RemoveNode(VirtualPath nodePath, bool recursive = false, bool followLinks = false,
(AkiraNetwork.VirtualStorageLibrary)
    bool resolveLinks = true)
PatternMatch
(AkiraNetwork.VirtualStorageLibrary)
```

Parameters

Type	Name	Description
VirtualDirectory		
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	nodePath	
VirtualDirectoryAdapter<T>		
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	recursive	
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	followLinks	
VirtualException		
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	resolveLinks	

ResolveLinkTarget(VirtualPath)

Declaration

```
(AkiraNetwork.VirtualStorageLibrary)
    VirtualItem
public VirtualItem ResolveLinkTarget(VirtualPath path)
    VirtualItemAdapter<T>
(AkiraNetwork.VirtualStorageLibrary)
```

Parameters

Type	Name	Description
VirtualItem<T>		
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	path	

Returns

```
(AkiraNetwork.VirtualStorageLibrary)
    VirtualNodeContext
```

Type	Description
VirtualNodeContext	
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	

SetLinkTargetNodeType(HashSet<VirtualPath>, VirtualNodeType)

Declaration

```
(AkiraNetwork.VirtualStorageLibrary)
    VirtualNotFoundException
public void SetLinkTargetNodeType(HashSet<VirtualPath> linkPathSet, VirtualNodeType nodeType)
    VirtualNodeType
(AkiraNetwork.VirtualStorageLibrary)
    VirtualNodeTypeFilter
```

Parameters

Type	Name	Description
HashSet (https://learn.microsoft.com/dotnet/api/system.collections.generic.hashset-1) <VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)> VirtualNodeType (AkiraNetwork.VirtualStorageLibrary.VirtualNodeType.html)	<i>linkPathSet</i> <i>nodeType</i>	
(AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate (AkiraNetwork.VirtualStorageLibrary.PatternMatch		

SetNode(VirtualPath, VirtualNode)

Declaration
(AkiraNetwork.VirtualStorageLibrary.VirtualCycleDetector
(AkiraNetwork.VirtualStorageLibrary.VirtualDirectory
(AkiraNetwork.VirtualStorageLibrary.VirtualGroupCondition<T, TKey>

Parameters

Type	Name	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualException VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	<i>destinationPath</i>	
(AkiraNetwork.VirtualStorageLibrary.VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html) VirtualGroupCondition<T, TKey>	<i>node</i>	

SetNodeName(VirtualPath, VirtualNodeName, bool)

Declaration
(AkiraNetwork.VirtualStorageLibrary.VirtualItem
(AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter<T>
public void SetNodeName(VirtualPath nodePath, VirtualNodeName newName, bool resolveLinks = true);
(AkiraNetwork.VirtualStorageLibrary.VirtualNode
1.html)

Parameters

Type	Name	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	<i>nodePath</i>	
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html) VirtualNodeContext	<i>newName</i>	
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>resolveLinks</i>	

SymbolicLinkExists(VirtualPath)

Declaration
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeName
VirtualNodeNotFoundException
public bool SymbolicLinkExists(VirtualPath path)

Parameters

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeTypeFilter

Type	Name	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	path	

Returns

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean) (AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate)	

TryGetDirectory(VirtualPath, bool)

(AkiraNetwork.VirtualStorageLibrary.VirtualDirectory? TryGetDirectory(VirtualPath path, bool followLinks = false))

Parameters

Type	Name	Description
VirtualPath (https://learn.microsoft.com/dotnet/api/system.boolean)	path	
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	followLinks	

Returns

Type	Description
VirtualDirectory (https://learn.microsoft.com/dotnet/api/system.boolean)	

TryGetItem(VirtualPath, bool)

(AkiraNetwork.VirtualStorageLibrary.VirtualItem<T>? TryGetItem(VirtualPath path, bool followLinks = false))

Parameters

Type	Name	Description
VirtualPath (https://learn.microsoft.com/dotnet/api/system.boolean)	path	
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	followLinks	

Returns

Type	Description
VirtualItem<T> (https://learn.microsoft.com/dotnet/api/system.boolean)	

TryGetNode(VirtualPath, bool)

Declaration

```
public VirtualNode? TryGetNode(VirtualPath path, bool followLinks = false)
```



Parameters

Type	Name	Description
(AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate)(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	<i>path</i>	
bool (https://learn.microsoft.com/dotnet/api/system.boolean)(AkiraNetwork.VirtualStorageLibrary.VirtualCycleDetector)	<i>followLinks</i>	

Returns

(AkiraNetwork.VirtualStorageLibrary.VirtualDirectory)

Type	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualNode)(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)	

(AkiraNetwork.VirtualStorageLibrary.VirtualDirectoryAdapter<T>)(1.html)

TryGetSymbolicLink(VirtualPath)

Declaration

```
VirtualGroupCondition<T, TKey>
public VirtualSymbolicLink? TryGetSymbolicLink(VirtualPath path)
2.html)
```

VirtualID

Parameters

Type	Name	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualItem)(VirtualItemAdapter<T>)(VirtualPath)(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	<i>path</i>	

1.html)

Returns

(VirtualItem<T>)(1.html)

Type	Description
VirtualSymbolicLink (AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink.html)	

VirtualNode

TryResolveLinkTarget(VirtualPath)

Declaration

```
VirtualNodeExtensions
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeListConditions)
public VirtualPath? TryResolveLinkTarget(VirtualPath path)
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeName)
```

Parameters

Type	Name	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeNotFoundException)(VirtualNodeType)(VirtualPath)(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	<i>path</i>	
VirtualNodeTypeFilter		

Returns

Type	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	

UpdateAllTargetNodeTypesInDictionary()

```
Declaration (AkiraNetwork.VirtualStorageLibrary)
NotifyNodeDelegate

(AkiraNetwork.VirtualStorageLibrary)
public void UpdateAllTargetNodeTypesInDictionary()
PatternMatch
```

UpdateDirectory(VirtualPath, VirtualDirectory)
(AkiraNetwork.VirtualStorageLibrary)

```
Declarations
    AkiraNetwork.VirtualStorageLibrary
        VirtualDirectoryAdapter<T>
(AkiraNetwork.VirtualStorageLibrary
public void UpdateDirectory(VirtualPath directoryPath, VirtualDirectory newDirectory)
    1.html)
```

Parameters: network VirtualStorageLibrary

Type	Description	Name
VirtualGroupCondition<T, TKey> (AkiraNetwork.VirtualStorageLibrary)		
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html) 2.html	directoryPath	
VirtualDirectory (AkiraNetwork.VirtualStorageLibrary.VirtualDirectory.html) (AkiraNetwork.VirtualStorageLibrary)	newDirectory	

UpdateItem(VirtualPath, VirtualItem<T>)

```
(AkiraNetwork.VirtualStorageLibrary  
Declaration  
1.html)  
  
VirtualItem<T>  
public void UpdateItem(VirtualPath itemPath, VirtualItem<T> newItem)  
(AkiraNetwork.VirtualStorageLibrary  
1.html)
```

VirtualNode Parameters

Type	Name	Description
(AkiraNetwork.VirtualStorageLibrary.VirtualNodeContext)		
(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	<i>itemPath</i>	
VirtualExtensions		
VirtualItem (AkiraNetwork.VirtualStorageLibrary.VirtualItem-1.html) <T>	<i>newItem</i>	

UpdateLinkInDictionary(VirtualPath, VirtualPath)

```
(AkiraNetwork.VirtualStorageLibrary)
Declaration: VirtualNodeNotFoundException
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeType
public void UpdateLinkInDictionary(VirtualPath linkPath, VirtualPath newTargetPath)
(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeTypeFilter
```

Parameters

Type	Name	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	<i>linkPath</i>	
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	<i>newTargetPath</i>	

▼

UpdateLinksToTarget(VirtualPath, VirtualPath)

(AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate)

Declaration: AkiraNetwork.VirtualStorageLibrary.

PatternMatch

```
public void UpdateLinksToTarget(VirtualPath oldTargetPath, VirtualPath newTargetPath)
    VirtualCycleDetector
```

(AkiraNetwork.VirtualStorageLibrary.

Parameters:

VirtualDirectory

Type	Name	Description
VirtualDirectoryAdapter<T>		
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	<i>oldTargetPath</i>	

VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

VirtualException

(AkiraNetwork.VirtualStorageLibrary.

VirtualGroupCondition<T, TKey>

UpdateSymbolicLink(VirtualPath, VirtualSymbolicLink)

(AkiraNetwork.VirtualStorageLibrary.

2.html)

Declaration:

VirtualID

(AkiraNetwork.VirtualStorageLibrary.

```
public void UpdateSymbolicLink(VirtualPath linkPath, VirtualSymbolicLink newLink)
    VirtualItem
```

(AkiraNetwork.VirtualStorageLibrary.

VirtualItemAdapter<T>

Type	Name	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	<i>linkPath</i>	
VirtualSymbolicLink (AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink.html)	<i>newLink</i>	

VirtualNode

(AkiraNetwork.VirtualStorageLibrary.

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary.

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary.

```
public void UpdateTargetNodeTypesInDictionary(VirtualPath targetPath)
```

(AkiraNetwork.VirtualStorageLibrary.

VirtualNodeName

(AkiraNetwork.VirtualStorageLibrary.

VirtualNodeNotFoundException

Type	Name	Description
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	<i>targetPath</i>	

(AkiraNetwork.VirtualStorageLibrary.

VirtualNodeTypeFilter

WalkPathToTarget(VirtualPath, NotifyNodeDelegate?, ActionNodeDelegate?, bool, bool)

Declaration

```
public VirtualNodeContext WalkPathToTarget(VirtualPath targetPath, NotifyNodeDelegate? notifyNode = null, ActionNodeDelegate? actionNode = null, bool followLinks = true, bool exceptionEnabled = true)
```

Parameters
NotifyNodeDelegate
(AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate.html)

Type
patternMatch

(AkiraNetwork.VirtualStorageLibrary.VirtualPath)(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)
VirtualCycleDetector

NotifyNodeDelegate

(AkiraNetwork.VirtualStorageLibrary.NotifyNodeDelegate.html)

ActionNodeDelegate

VirtualDirectoryAdapter<T>
(AkiraNetwork.VirtualStorageLibrary.ActionNodeDelegate.html)
(AkiraNetwork.VirtualStorageLibrary)

bool (https://learn.microsoft.com/dotnet/api/system.boolean)

VirtualException

bool (https://learn.microsoft.com/dotnet/api/system.boolean)

VirtualGroupCondition<T, TKey>

Return
(AkiraNetwork.VirtualStorageLibrary)

Type
? html)

VirtualID

VirtualNodeContext (AkiraNetwork.VirtualStorageLibrary.VirtualNodeContext.html)

VirtualItem

(AkiraNetwork.VirtualStorageLibrary)

VirtualItemAdapter<T>

(AkiraNetwork.VirtualStorageLibrary)

WalkPathTree(VirtualPath, VirtualNodeTypeFilter, bool, bool, bool)

Declaration

VirtualItem<T>

```
public IEnumerable<VirtualNodeContext> WalkPathTree(VirtualPath basePath, VirtualNodeTypeFilter filter = VirtualNodeTypeFilter.All, bool recursive = true, bool followLinks = true, bool resolveLinks = true)
```

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary)

Type
VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary.VirtualPath)(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)
VirtualNodeListConditions

VirtualNodeTypeFilter

(AkiraNetwork.VirtualStorageLibrary.VirtualNodeTypeFilter.html)

(AkiraNetwork.VirtualStorageLibrary)

bool (https://learn.microsoft.com/dotnet/api/system.boolean)

VirtualNodeNotFoundException

bool (https://learn.microsoft.com/dotnet/api/system.boolean)

VirtualNodeType

bool (https://learn.microsoft.com/dotnet/api/system.boolean)

VirtualNodeTypeFilter

Name

Description

targetPath

notifyNode

actionNode

followLinks

exceptionEnabled

Description

basePath

filter

recursive

followLinks

resolveLinks

Returns

Type	Description
IEnumerable (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)<VirtualNodeContext (AkiraNetwork.VirtualStorageLibrary.VirtualNodeContext.html)>	

▼

Extension Methods

(AkiraNetwork.VirtualStorageLibrary)	
VirtualTextFormatter.GenerateLinkTableDebugText<T>(VirtualStorage<T>)	(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utilsilites_VirtualTextFormatter_GenerateLinkTableDebugText_1_AkiraNetwork_VirtualStorageLibrary_VirtualStorage_0_)
VirtualTextFormatter.GenerateLinkTableDebugText<T>(T)	(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utilsilites_VirtualTextFormatter_GenerateLinkTableDebugText_1_0_)
VirtualTextFormatter.GenerateTreeDebugText<T>(VirtualStorage<T>, VirtualPath, bool, bool)	(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utilsilites_VirtualTextFormatter_GenerateTreeDebugText_1_AkiraNetwork_VirtualStorageLibrary_VirtualStorage_0_AkiraNetwork_VirtualStorageLibrary_VirtualPath_System_Boolean_System_Boolean_1.html)
VirtualException	(AkiraNetwork.VirtualStorageLibrary)
VirtualGroupCondition<T, TKey>	(AkiraNetwork.VirtualStorageLibrary)
VirtualItemAdapter<T>	(AkiraNetwork.VirtualStorageLibrary)
VirtualItem<T>	(AkiraNetwork.VirtualStorageLibrary)
VirtualItem	(AkiraNetwork.VirtualStorageLibrary)
VirtualNode	(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeContext	(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeExtensions	(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeListConditions	(AkiraNetwork.VirtualStorageLibrary)
VirtualnodeName	(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeNotFoundException	(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeType	(AkiraNetwork.VirtualStorageLibrary)
VirtualNodeTypeFilter	

Class VirtualSymbolicLink

Inheritance

↳ [Filter by title](#)
↳ [Object](#) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ [VirtualNode](#) (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)
↳ [VirtualSymbolicLink](#)
↳ [NotifyNodeDelegate](#)
Implements
↳ [IVirtualDeepCloneable](#) (AkiraNetwork.VirtualStorageLibrary.IVirtualDeepCloneable-1.html) <[VirtualNode](#)
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)>
Inherited Members
↳ [VirtualCycleDetector](#)
↳ [VirtualNodeName](#)
↳ [VirtualDirectory](#)
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_Name)
↳ [VirtualNodeCreatedDate](#)
↳ [VirtualDirectoryAdapter](#) <[T](#)>
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_CreatedDate 1.html)
↳ [VirtualNodeUpdatedDate](#)
↳ [VirtualException](#)
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_UpdatedDate)
↳ [VirtualGroupCondition](#) <[T](#), [TKey](#)>
↳ [VirtualNodeVID](#)
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_VID 2.html)
↳ [VirtualNodeIsReferencedInStorage](#)
↳ [VirtualID](#)
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_IsReferencedInStorage)
↳ [VirtualItem](#)
object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
↳ [VirtualItemAdapter](#) <[T](#)>
object.Equals(object, object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
object.GetHashCode() (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
object.GetType() (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
object.MemberwiseClone() (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
object.ReferenceEquals(object, object) (<https://learn.microsoft.com/dotnet/api/system.object.referenceeequals>)
NameSpace [AkiraNetwork.VirtualStorageLibrary](#) (AkiraNetwork.VirtualStorageLibrary.html)
Assembly [VirtualStorageLibrary.dll](#)
Syntax
VirtualNodeExtensions
↳ [VirtualSymbolicLink](#)
public class VirtualSymbolicLink : VirtualNode, IVirtualDeepCloneable<VirtualNode>
↳ [VirtualNodeListConditions](#)
↳ [VirtualStorageLibrary](#)
↳ [VirtualNodeName](#)
↳ [VirtualStorageLibrary](#)
↳ [VirtualNodeNotFoundException](#)
↳ [VirtualStorageLibrary](#)
VirtualSymbolicLink()
↳ [VirtualStorageLibrary](#)
Declaration
↳ [VirtualNodeTypeFilter](#)

Constructors

VirtualSymbolicLink()

([VirtualStorageLibrary](#))
↳ [VirtualNodeTypeFilter](#)

```
public VirtualSymbolicLink()
```

VirtualSymbolicLink(VirtualNodeName)

Declaration

```
(AkiraNetwork.VirtualStorageLibrary.  
NotifyNodeDelegate) symbolicLink(VirtualNodeName name)  
(AkiraNetwork.VirtualStorageLibrary.  
PatternMatch)
```

Parameters

```
(AkiraNetwork.VirtualStorageLibrary.  
VirtualCycleDetector)  
(AkiraNetwork.VirtualStorageLibrary.  
VirtualDirectoryName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html))  
VirtualDirectory
```

```
(AkiraNetwork.VirtualStorageLibrary.  
VirtualDirectoryAdapter<T>)
```

VirtualSymbolicLink(VirtualNodeName, VirtualPath?)

1.html)

Declaration

```
(AkiraNetwork.VirtualStorageLibrary.  
VirtualSymbolicLink<T>) symbolicLink(VirtualNodeName name, VirtualPath? targetPath)  
(AkiraNetwork.VirtualStorageLibrary.  
2.html)
```

Parameters

```
VirtualID  
(AkiraNetwork.VirtualStorageLibrary.  
VirtualItem)  
VirtualDirectoryName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html)  
(AkiraNetwork.VirtualStorageLibrary.  
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html))  
(AkiraNetwork.VirtualStorageLibrary.  
1.html)
```

```
VirtualItem<T>
```

VirtualSymbolicLink(VirtualNodeName, VirtualPath?, DateTime, DateTime)

1.html)

Declaration

```
(AkiraNetwork.VirtualStorageLibrary.  
VirtualSymbolicLink) symbolicLink(VirtualNodeName name, VirtualPath? targetPath, DateTime createdDa  
te, DateTime updatedDate)  
(AkiraNetwork.VirtualStorageLibrary.  
VirtualNodeExtensions)
```

Parameters

```
(AkiraNetwork.VirtualStorageLibrary.  
VirtualNodeListConditions)  
(AkiraNetwork.VirtualStorageLibrary.  
VirtualNodeName (AkiraNetwork.VirtualStorageLibrary.VirtualNodeName.html))  
(AkiraNetwork.VirtualStorageLibrary.  
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html))  
VirtualNodeNotFoundException  
DateTime (dotnet/api/system.datetime)  
VirtualNodeType  
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)  
(AkiraNetwork.VirtualStorageLibrary.  
VirtualNodeTypeFilter)
```


Methods

DeepClone(bool)

Creates a deep clone of the entity. However, the CreatedDate and UpdatedDate should not be cloned as they are set to the current date and time at the time of cloning.

Declaration

```
(AkiraNetwork.VirtualStorageLibrary.  
    NotifyNodeDelegate  
    p(AkiraNetwork.VirtualStorageLibrary.DeepClone(bool recursive = false)  
        PatternMatch  
        (AkiraNetwork.VirtualStorageLibrary.  
            VirtualCycleDetector
```

Parameters

Type	Name	Description
VirtualDirectory bool (AkiraNetwork.VirtualStorageLibrary. (https://learn.microsoft.com/dotnet/api/) VirtualDirectoryAdapter<T> (AkiraNetwork.VirtualStorageLibrary. system.boolean) 1.html)	recursive	When true, all child nodes are also cloned, creating a deep copy of the entire tree. The default is false. The CreatedDate and UpdatedDate properties are not preserved. They are set to the current date and time at the moment of instantiation or cloning.

Returns

```
(AkiraNetwork.VirtualStorageLibrary.
```

Type	Description
VirtualGroupCondition<T, TKey> (AkiraNetwork.VirtualStorageLibrary. VirtualNode 2.html)	Cloned
(AkiraNetwork.VirtualStorageLibrary.VirtualNode .VirtualID .html)	VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)
VirtualItem (AkiraNetwork.VirtualStorageLibrary. VirtualItemAdapter<T> VirtualNode.DeepClone(bool)) (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_DeepClone_System_Boolean)	VirtualItem instance

Overrides

```
VirtualItemAdapter<T>
```

`virtual DeepClone(bool) override`
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_DeepClone_System_Boolean)

```
(AkiraNetwork.VirtualStorageLibrary.  
1.html)
```

ToString()

Returns a string that represents the current object.
VirtualNodeContext

Declaration

```
(AkiraNetwork.VirtualStorageLibrary.  
VirtualNodeExtensions  
public override string ToString()  
    VirtualNodeListConditions  
    (AkiraNetwork.VirtualStorageLibrary.
```

Returns

```
VirtualNodeName
```

Type	Description
VirtualNodeNotFoundException string (https://learn.microsoft.com/dotnet/api/system.string)	A string that represents the current object.

VirtualNodeType

Overrides

```
(AkiraNetwork.VirtualStorageLibrary.  
VirtualNodeTypesBase
```

`object.ToString() override`
(learn.microsoft.com/dotnet/api/system.object.tostring)

Update(VirtualNode)

Updates the VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html).

Declaration

<pre>public override void Update(VirtualNode node)</pre>		
Parameters		
NotifyNodeDelegate		
Type	Name	Description
AkiraNetwork.VirtualStorageLibrary.VirtualNode (AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)	node	Value to update
Overrides		
VirtualNodeUpdate(VirtualNode)		
VirtualDirectory		
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html#AkiraNetwork_VirtualStorageLibrary_VirtualNode_Update_AkiraNetwork_VirtualStorageLibrary_VirtualNode_)		
VirtualDirectoryAdapter<T>		
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)		
Operators		
VirtualException		
(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)		
implicit operator VirtualSymbolicLink(VirtualPath?)		
Declaration		
2.html		
VirtualID		
public static implicit operator VirtualSymbolicLink(VirtualPath? targetPath)		
VirtualItem		
(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)		
Parameters		
VirtualItemAdapter<T>	Name	Description
Type		
AkiraNetwork.VirtualStorageLibrary.VirtualItemAdapter<T>		
1.html		
VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)	targetPath	
VirtualItem<T>		
(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)		
Returns		
1.html		
Type	Description	
VirtualNode		
(AkiraNetwork.VirtualStorageLibrary.VirtualNode.html)		
VirtualSymbolicLink (AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink.html)		
VirtualNodeContext		
(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)		
VirtualNodeExtensions		
(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)		
implicit operator VirtualSymbolicLink((VirtualNodeName nodeName, VirtualPath? targetPath))		
Declaration		
VirtualNodeName		
(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)		
VirtualNodeNotfoundException		
public static implicit operator VirtualSymbolicLink((VirtualNodeName nodeName, VirtualPath? targetPath))		
(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)		
VirtualNodeType		
(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)		
Parameters		
VirtualNodeTypeFilter		

Class VirtualSymbolicLinkAdapter<T>

Inheritance

↳ [Object](#) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ [VirtualSymbolicLinkAdapter<T>](#)
 (AkiraNetwork.VirtualStorageLibrary)

Inherited Members

NotifyNodeDelegate

object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
object.GetHashCode() (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
object.GetType() (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
object.MemberwiseClone() (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
object.ReferenceEquals(object1, object2) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
object.ToString() (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)
1.html)

Namespace: AkiraNetwork ([AkiraNetwork.html](#)).VirtualStorageLibrary ([AkiraNetwork.VirtualStorageLibrary.html](#))
VirtualException

Assembly: VirtualStorageLibrary.dll

Syntax: VirtualGroupCondition<T, TKey>

```
(AkiraNetwork.VirtualStorageLibrary)  
public class VirtualSymbolicLinkAdapter<T>  
    VirtualID  
    (AkiraNetwork.VirtualStorageLibrary)
```

Type Parameters

VirtualItem

Name	Description
T	(AkiraNetwork.VirtualStorageLibrary) 1.html)

VirtualItem<T>

Constructors

(AkiraNetwork.VirtualStorageLibrary)

1.html)

VirtualNode

VirtualSymbolicLinkAdapter(VirtualStorage<T>)

Declaration

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeExtensions

```
public VirtualSymbolicLinkAdapter(VirtualStorage<T> storage)  
(AkiraNetwork.VirtualStorageLibrary)
```

VirtualNodeListConditions

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeName

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeNameFilter (AkiraNetwork.VirtualStorageLibrary.VirtualStorage-1.html)<T>

storage

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeTypeFilter

Type	Name	Description
(AkiraNetwork.VirtualStorageLibrary)	storage	

Properties

this[VirtualPath, bool]

Declaration

```
public VirtualSymbolicLink this[VirtualPath path, bool followLinks = true] { get; set; }
```

(AkiraNetwork.VirtualStorageLibrary)

NotifyNodeDelegate

Parameters

(AkiraNetwork.VirtualStorageLibrary)

Type

PatternMatch

(AkiraNetwork.VirtualStorageLibrary)

VirtualPath

(AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

VirtualCycleDetector

(AkiraNetwork.VirtualStorageLibrary)

bool

(<https://learn.microsoft.com/dotnet/api/system.boolean>)

VirtualDirectory

(AkiraNetwork.VirtualStorageLibrary)

Property Value

VirtualDirectoryAdapter<T>

Type

AkiraNetwork.VirtualStorageLibrary

1.html)

VirtualSymbolicLink

(AkiraNetwork.VirtualStorageLibrary.VirtualSymbolicLink.html)

VirtualException

(AkiraNetwork.VirtualStorageLibrary)

VirtualGroupCondition<T, TKey>

(AkiraNetwork.VirtualStorageLibrary)

VirtualText

(AkiraNetwork.VirtualStorageLibrary)

2.html)

VirtualTextFormatter

.GenerateSingleTableDebugText<T>(T)

VirtualID

(AkiraNetwork.VirtualStorageLibrary.Uses.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utilities_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_)

VirtualItem

(AkiraNetwork.VirtualStorageLibrary)

VirtualItemAdapter<T>

(AkiraNetwork.VirtualStorageLibrary)

1.html)

VirtualItem<T>

(AkiraNetwork.VirtualStorageLibrary)

1.html)

VirtualNode

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeContext

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeExtensions

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeListConditions

(AkiraNetwork.VirtualStorageLibrary)

VirtualnodeName

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeNotFoundException

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeType

(AkiraNetwork.VirtualStorageLibrary)

VirtualNodeTypeFilter

Extension Methods

Namespace AkiraNetwork.VirtualStorage Library.Utilities

▼ Filter by title

Classes

+ **AkiraNetwork.VirtualStorage**

Library

VirtualTextFormatter

 (AkiraNetwork.VirtualStorage)

 (AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html)

- **AkiraNetwork.VirtualStorage**

Library.

Utilities

 (AkiraNetwork.VirtualStorage)

 VirtualTextFormatter

 (AkiraNetwork.VirtualStorageLibrary)

+ **AkiraNetwork.VirtualStorage**

Library.

WildcardMatchers

 (AkiraNetwork.VirtualStorage)

Class VirtualTextFormatter

Inheritance

↳ [Object](#) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ [VirtualTextFormatter](#)

+ [AkiraNetwork.VirtualStorage](#)

Inherited Members

Library
[object.Equals\(object, object\)](#) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))

AkiraNetwork.VirtualStorage
[object.Equals\(object, object\)](#) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))

Library.Utilities
[object.GetHashCode\(\)](#) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)

(AkiraNetwork.VirtualStorage)
[object.GetType\(\)](#) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)

VirtualTextFormatter
[object.MemberwiseClone\(\)](#) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)

(AkiraNetwork.VirtualStorageLibrary)
[object.ReferenceEquals\(object, object\)](#) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)

object.ToString() (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

+ [AkiraNetwork.VirtualStorage](#)

Namespace: [AkiraNetwork](#) ([AkiraNetwork.html](#)).VirtualStorageLibrary ([AkiraNetwork.VirtualStorageLibrary.html](#)).Utilities
([AkiraNetwork.VirtualStorageLibrary.Utilities.html](#))

(AkiraNetwork.VirtualStorage)

Assembly: [VirtualStorageLibrary.dll](#)

Syntax

```
public static class VirtualTextFormatter
```

Methods

GenerateLinkTableDebugText<T>(VirtualStorage<T>)

Declaration

```
public static string GenerateLinkTableDebugText<T>(this VirtualStorage<T> vs)
```

Parameters

Type	Name	Description
VirtualStorage (AkiraNetwork.VirtualStorageLibrary.VirtualStorage-1.html)<T>	vs	

Returns

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Type Parameters

Name	Description
T	

GenerateSingleTableDebugText<T>(T)

Declaration

+ AkiraNetwork.VirtualStorage

Library static string GenerateSingleTableDebugText<T>(this T singleObject)

(AkiraNetwork.VirtualStorage)

Parameters

AkiraNetwork.VirtualStorage

Type	Utilities	Name	Description
T		(AkiraNetwork.VirtualStorage)	

VirtualTextFormatter

(AkiraNetwork.VirtualStorageLibrary)

Returns

+ AkiraNetwork.VirtualStorage

Type	WildcardMatchers	Description
	string (https://learn.microsoft.com/dotnet/api/system.string)	

(AkiraNetwork.VirtualStorage)

Type Parameters

Name	Description
T	

GenerateTableDebugText<T>(IEnumerable<T>)

Declaration

```
public static string GenerateTableDebugText<T>(this IEnumerable<T> enumerableObject)
```

Parameters

Type	Name	Description
IEnumerable (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1) <T>	enumerableObject	

Returns

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Type Parameters

Name	Description
T	

GenerateTreeDebugText<T>(VirtualStorage<T>, VirtualPath, bool, bool)

Declaration

+ AkiraNetwork.VirtualStorage

```
Library static string GenerateTreeDebugText<T>(this VirtualStorage<T> vs, VirtualPath basePath
    bool recursive = true, bool followLinks = false)
(AkiraNetwork.VirtualStorage)
```

- AkiraNetwork.VirtualStorage

Parameters

Library.Utilities

Type

AkiraNetwork.VirtualStorage

VirtualStorage (AkiraNetwork.VirtualStorageLibrary.VirtualStorage-1.html) <T>

(AkiraNetwork.VirtualStorageLibrary.VirtualStorage-1.html)

VirtualPath (AkiraNetwork.VirtualStorageLibrary.VirtualPath.html)

+ AkiraNetwork.VirtualStorage

bool (<https://learn.microsoft.com/dotnet/api/system.boolean>)

Library.WildcardMatchers

bool (<https://learn.microsoft.com/dotnet/api/system.boolean>)

AkiraNetwork.VirtualStorage

Name

Description

vs

basePath

recursive

followLinks

Returns

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Type Parameters

Name	Description
T	

Namespace AkiraNetwork.VirtualStorage Library.WildcardMatchers

▼ Filter by title

Classes

+ **AkiraNetwork.VirtualStorage**

Library
 WildcardMatcher

 (AkiraNetwork.VirtualStorageLibrary.WildcardMatchers.DefaultWildcardMatcher.html)

AkiraNetwork.VirtualStorage

Library.**Utilities**

 (AkiraNetwork.VirtualStorageLibrary)

PowerShellWildcardMatcher

 (AkiraNetwork.VirtualStorageLibrary.WildcardMatchers.PowerShellWildcardMatcher.html)

Library.**WildcardMatchers**

 (AkiraNetwork.VirtualStorageLibrary)

 DefaultWildcardMatcher

 (AkiraNetwork.VirtualStorageLibrary)

 PowerShellWildcardMatcher

 (AkiraNetwork.VirtualStorageLibrary)

Class DefaultWildcardMatcher

Inheritance

↳ [Object](#) (https://learn.microsoft.com/dotnet/api/system.object)
↳ [DefaultWildcardMatcher](#)

+ [AkiraNetwork.VirtualStorage](#)

Implements

IVirtualWildcardMatcher ([AkiraNetwork.VirtualStorageLibrary.IVirtualWildcardMatcher.html](#))

- [\(AkiraNetwork.VirtualStorage\)](#)

Inherited Members

+ [AkiraNetwork.VirtualStorage](#)

object.Equals(object) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object))

- [AkiraNetwork.VirtualStorage](#)

object.GetHashCode() (https://learn.microsoft.com/dotnet/api/system.object.gethashcode)

object.GetType() (https://learn.microsoft.com/dotnet/api/system.object.gettype)

object.MemberwiseClone() (https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone)

object.ReferenceEquals(object, object) (https://learn.microsoft.com/dotnet/api/system.object.referenceequals)

object.ToString() (https://learn.microsoft.com/dotnet/api/system.object.tostring)

Namespace: [AkiraNetwork.WildcardMatchers](#) ([AkiraNetwork.VirtualStorageLibrary.WildcardMatchers.html](#)) ([AkiraNetwork.VirtualStorageLibrary.WildcardMatchers.html](#))

Assembly: VirtualStorageLibrary.dll

Syntax

```
public class DefaultWildcardMatcher : IVirtualWildcardMatcher
```

Properties

Count

Declaration

```
public int Count { get; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

Patterns

Declaration

```
public IEnumerable<string> Patterns { get; }
```

Property Value

Type	Description
IEnumerable (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)< + AkiraNetwork.VirtualStorage string (https://learn.microsoft.com/dotnet/api/system.string)> Library (AkiraNetwork.VirtualStorage)	

WildcardDictionary

Library. Utilities

Declaration

(AkiraNetwork.VirtualStorage)

- **AkiraNetwork.VirtualStorage** (string, string) WildcardDictionary { get; }

Library.WildcardMatchers

(AkiraNetwork.VirtualStorage)

Property Value

Type	Description
DefaultWildcardMatcher (AkiraNetwork.VirtualStorageLibrary) ReadOnlyDictionary<WildcardMatcher (https://learn.microsoft.com/dotnet/api/system.collections.objectmodel.readonlydictionary-2)< <string (https://learn.microsoft.com/dotnet/api/system.string), string (https://learn.microsoft.com/dotnet/api/system.string)>	

Wildcards

Declaration

```
public IEnumerable<string> Wildcards { get; }
```

Property Value

Type	Description
IEnumerable (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)< string (https://learn.microsoft.com/dotnet/api/system.string)>	

Methods

PatternMatcher(string, string)

Declaration

```
public bool PatternMatcher(string nodeName, string pattern)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	nodeName	
string (https://learn.microsoft.com/dotnet/api/system.string)	pattern	

Library

[AkiraNetwork.VirtualStorage](#)

Type	Description
AkiraNetwork.VirtualStorage	

Library Utilities

[bool \(<https://learn.microsoft.com/dotnet/api/system.boolean>\)](https://learn.microsoft.com/dotnet/api/system.boolean)

[\(AkiraNetwork.VirtualStorage\)](#)

[AkiraNetwork.VirtualStorage](#)

[Library.WildcardMatchers](#)

[IVirtualWildcardMatcher \(\[AkiraNetwork.VirtualStorageLibrary.IVirtualStorageLibrary.html\]\(#\)\)](#)

DefaultWildcardMatcher

[AkiraNetwork.VirtualStorageLibrary](#)

PowerShellWildcardMatcher

[VirtualTextFormatter.GenerateSingleTableDebugText<T>\(T\)](#)

[\(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utilsilites_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_\)](#)

[Extension Methods](#)

[AkiraNetwork.VirtualStorageLibrary](#)

[VirtualTextFormatter.GenerateSingleTableDebugText<T>\(T\)](#)

[\(AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html#AkiraNetwork_VirtualStorageLibrary_Utilsilites_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_\)](#)

Class PowerShellWildcardMatcher

Inheritance

↳ [Object](#) (https://learn.microsoft.com/dotnet/api/system.object)
↳ [PowerShellWildcardMatcher](#)

+ [AkiraNetwork.VirtualStorage](#)

Implements

IVirtualWildcardMatcher ([AkiraNetwork.VirtualStorageLibrary.IVirtualWildcardMatcher.html](#))

- [\(AkiraNetwork.VirtualStorage\)](#)

Inherited Members

+ [AkiraNetwork.VirtualStorage](#)

object.Equals(object) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object))

- [AkiraNetwork.VirtualStorage](#)

object.GetHashCode() (https://learn.microsoft.com/dotnet/api/system.object.gethashcode)

object.GetType() (https://learn.microsoft.com/dotnet/api/system.object.gettype)

object.MemberwiseClone() (https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone)

object.ReferenceEquals(object, object) (https://learn.microsoft.com/dotnet/api/system.object.referenceequals)

object.ToString() (https://learn.microsoft.com/dotnet/api/system.object.tostring)

Namespaces: [AkiraNetwork](#) ([AkiraNetwork.WildcardMatchers.html](#)).VirtualStorageLibrary ([AkiraNetwork.VirtualStorageLibrary.html](#)).Wildcard

Matchers ([AkiraNetwork.VirtualStorageLibrary.WildcardMatchers.html](#))

Assembly: VirtualStorageLibrary.dll

Syntax

```
public class PowerShellWildcardMatcher : IVirtualWildcardMatcher
```

Properties

Count

Declaration

```
public int Count { get; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

Patterns

Declaration

```
public IEnumerable<string> Patterns { get; }
```

Property Value

Type	Description
IEnumerable (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)< + AkiraNetwork.VirtualStorage string (https://learn.microsoft.com/dotnet/api/system.string)> Library (AkiraNetwork.VirtualStorage)	

WildcardDictionary

Library. Utilities

Declaration

(AkiraNetwork.VirtualStorage)

- **AkiraNetwork.VirtualStorage** (string, string) WildcardDictionary { get; }

Library.WildcardMatchers

(AkiraNetwork.VirtualStorage)

Property Value

Type	Description
DefaultWildcardMatcher (AkiraNetwork.VirtualStorageLibrary) ReadOnlyDictionary<WildcardMatcher (https://learn.microsoft.com/dotnet/api/system.collections.objectmodel.readonlydictionary-2)< <string (https://learn.microsoft.com/dotnet/api/system.string), string (https://learn.microsoft.com/dotnet/api/system.string)>	

Wildcards

Declaration

```
public IEnumerable<string> Wildcards { get; }
```

Property Value

Type	Description
IEnumerable (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)< string (https://learn.microsoft.com/dotnet/api/system.string)>	

Methods

PatternMatcher(string, string)

Declaration

```
public bool PatternMatcher(string nodeName, string pattern)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	nodeName	
string (https://learn.microsoft.com/dotnet/api/system.string)	pattern	

Library

[AkiraNetwork.VirtualStorage](#)

Type	Description
AkiraNetwork.VirtualStorage	

Implements

Library.WildcardMatchers

[IVirtualWildcardMatcher](#) ([AkiraNetwork.VirtualStorageLibrary.IVirtualStorageLibrary.html](#))

DefaultWildcardMatcher

Extension Methods

PowerShellWildcardMatcher

[VirtualTextFormatter.GenerateSingleTableDebugText<T>\(T\)](#)

([AkiraNetwork.VirtualStorageLibrary.Utilities.VirtualTextFormatter.html](#)#AkiraNetwork_VirtualStorageLibrary_Utilities_VirtualTextFormatter_GenerateSingleTableDebugText_1__0_)