

Unity Engine Utilities Reference

PiRho Soft

| | |
|--|---|
| AngleDisplayAttribute | 1 |
| Description | 1 |
| Public Fields | 2 |
| AngleDisplayType | 3 |
| Description | 3 |
| Values | 3 |
| ApplicationHelper | 4 |
| Description | 4 |
| Static Properties | 4 |
| AssetDisplayAttribute | 4 |
| Description | 4 |
| Constructors | 4 |
| AssetDisplaySaveLocation | 4 |
| Description | 4 |
| Values | 4 |
| AssetNameAttribute | 4 |
| Description | 5 |
| Static Fields | 5 |
| ButtonState | 5 |
| Description | 5 |
| Constructors | 5 |
| ClassDisplayAttribute | 5 |
| Description | 5 |
| Constructors | 5 |
| ClassDisplayType | 6 |
| Description | 6 |
| Values | 6 |
| ClassPool | 6 |
| Description | 6 |
| Constructors | 6 |
| ComponentHelper | 6 |
| Description | 6 |
| Static Methods | 6 |
| ConditionalDisplayAttribute | 7 |
| Description | 7 |
| Static Fields | 7 |
| ConditionalDisplayOtherAttribute | 7 |
| Description | 7 |
| Constructors | 7 |
| ConditionalDisplaySelfAttribute | 7 |
| Description | 8 |

| | |
|-----------------------------|----|
| Constructors | 8 |
| DictionaryDisplayAttribute | 8 |
| Description | 8 |
| Constructors | 8 |
| DisableInInspectorAttribute | 8 |
| Description | 8 |
| Static Fields | 8 |
| DropTable | 9 |
| Description | 9 |
| Constructors | 9 |
| EnumDisplayAttribute | 9 |
| Description | 9 |
| Static Fields | 9 |
| EnumDisplayType | 10 |
| Description | 10 |
| Values | 10 |
| FloatDisplayAttribute | 10 |
| Description | 10 |
| Constructors | 10 |
| FloatDisplayType | 10 |
| Description | 10 |
| Values | 11 |
| GlobalBehaviour | 11 |
| Description | 11 |
| Static Properties | 11 |
| IClassPool | 11 |
| Description | 11 |
| Public Methods | 11 |
| IEditableDictionary | 11 |
| Description | 11 |
| Public Methods | 11 |
| InputHelper | 12 |
| Description | 12 |
| Static Methods | 12 |
| IntDisplayAttribute | 12 |
| Description | 12 |
| Constructors | 12 |
| IntDisplayType | 13 |
| Description | 13 |
| Values | 13 |
| InternalHelper | 13 |

| | |
|----------------------------|----|
| Description | 13 |
| Static Methods | 13 |
| IPoolable | 13 |
| Description | 13 |
| Public Methods | 14 |
| IPoolInfo | 14 |
| Description | 14 |
| Public Properties | 14 |
| IReloadable | 14 |
| Description | 14 |
| Public Methods | 14 |
| ListDisplayAttribute | 14 |
| Description | 14 |
| Constructors | 14 |
| ListItemDisplayType | 15 |
| Description | 15 |
| Values | 15 |
| MathHelper | 15 |
| Description | 15 |
| Static Methods | 15 |
| MaximumAttribute | 15 |
| Description | 16 |
| Static Fields | 16 |
| MinimumAttribute | 16 |
| Description | 16 |
| Static Fields | 16 |
| PoolInfo_10_5 | 16 |
| Description | 16 |
| Constructors | 16 |
| PoolInfo_100_10 | 17 |
| Description | 17 |
| Constructors | 17 |
| PoolInfo_2_1 | 17 |
| Description | 17 |
| Constructors | 17 |
| PoolInfo_25_5 | 17 |
| Description | 17 |
| Constructors | 17 |
| PoolInfo_50_10 | 18 |
| Description | 18 |
| Constructors | 18 |

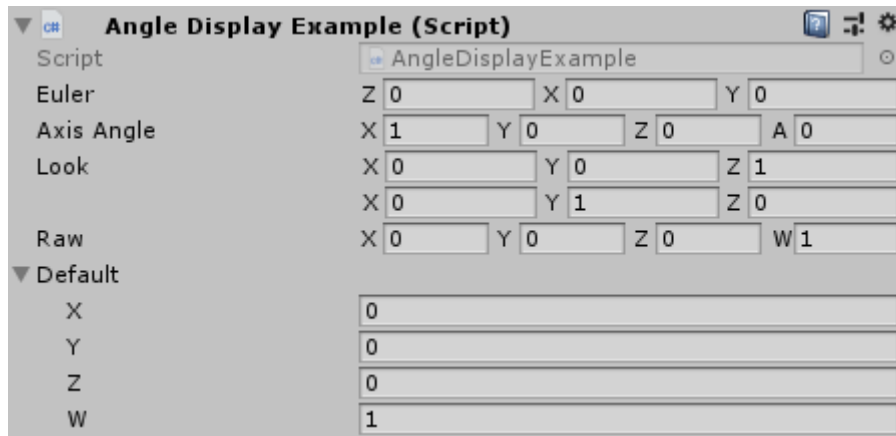
| | |
|-------------------------|----|
| PriorityQueue | 18 |
| Description | 18 |
| Constructors | 18 |
| PriorityQueueNode | 19 |
| Description | 19 |
| Constructors | 19 |
| PropertyScopeAttribute | 19 |
| Description | 19 |
| Protected Constructors | 19 |
| ReloadOnChangeAttribute | 19 |
| Description | 19 |
| Static Fields | 19 |
| Resource | 19 |
| Description | 20 |
| Static Fields | 20 |
| SceneReference | 20 |
| Description | 20 |
| Static Fields | 20 |
| SerializedArray | 20 |
| Description | 21 |
| Constructors | 21 |
| SerializedDictionary | 21 |
| Description | 21 |
| Constructors | 21 |
| SerializedList | 22 |
| Description | 22 |
| Constructors | 22 |
| SingletonBehaviour | 22 |
| Description | 22 |
| Static Properties | 22 |
| SnapAttribute | 23 |
| Description | 23 |
| Static Fields | 23 |
| StringDisplayAttribute | 23 |
| Description | 23 |
| Constructors | 23 |
| StringDisplayType | 24 |
| Description | 24 |
| Values | 24 |
| TypeDisplayAttribute | 24 |
| Description | 24 |

AngleDisplayAttribute

PiRhoSoft.UtilityEngine.AngleDisplayAttribute : [PropertyAttribute](#)

Description

Attribute applied to [Quaternion](#) fields to control how the rotation is displayed in the editor. By default, Unity displays [quaternions](#) as a class with a foldout and 4 separate properties. Applying this attribute allows the rotation to be specified as a set of euler angles, a rotation about an axis, a look at and up vector, or as the 4 raw components.



```
using PiRhoSoft.UtilityEngine;
using UnityEngine;

namespace PiRhoSoft.UtilityExample
{
    [AddComponentMenu("PiRho Soft/Examples/Angle Display")]
    public class AngleDisplayExample : MonoBehaviour
    {
        [AngleDisplay] public Quaternion Euler = Quaternion.identity;
        [AngleDisplay(Type = AngleDisplayType.AxisAngle)] public Quaternion AxisAngle = Quaternion.identity;
        [AngleDisplay(Type = AngleDisplayType.Look)] public Quaternion Look = Quaternion.identity;
        [AngleDisplay(Type = AngleDisplayType.Raw)] public Quaternion Raw = Quaternion.identity;

        public Quaternion Default = Quaternion.identity;
    }
}
```



Specifying the vectors for [AxisAngle](#) and [Look](#) display types can be finicky because of the translation back and forth from the underlying quaternion value (specifically due to the automatic normalization of the vectors). For [AxisAngle](#), it is necessary to set the angle to something other than 0 in order to change the axis.

Public Fields

AngleDisplayType *Type*

By default this attribute will display the [Quaternion](#) as a set of euler angles. Set this field to use one of the other [display types](#).

AngleDisplayType

PiRhoSoft.UtilityEngine.AngleDisplayType

Controls how to display a [Quaternion](#) in the inspector using the [AngleDisplayAttribute](#).

Description

Values

[AngleDisplayType](#) *Euler*

Shows the [Quaternion](#) as a set of euler angles. Angles are specified in degrees.



The angles are shown in the order they are applied: rotation about the z axis as applied first, followed by the rotation about x, and finally the rotation about y.

[AngleDisplayType](#) *AxisAngle*

Shows the [Quaternion](#) as an axis and the rotation about that axis in degrees.

[AngleDisplayType](#) *Look*

Shows the [Quaternion](#) as a look at vector and up vector.

[AngleDisplayType](#) *Raw*

Shows the 4 raw components of the [Quaternion](#) in a single row.

ApplicationHelper

PiRhoSoft.UtilityEngine.ApplicationHelper

Description

Static Properties

bool *IsPlaying* (read only)

<<<

AssetDisplayAttribute

PiRhoSoft.UtilityEngine.AssetDisplayAttribute : [PropertyAttribute](#)

Description

Constructors

AssetDisplayAttribute()

Public Fields

bool *ShowNoneOption*

bool *ShowEditButton*

[AssetDisplaySaveLocation](#) *SaveLocation*

string *DefaultName*

<<<

AssetDisplaySaveLocation

PiRhoSoft.UtilityEngine.AssetDisplaySaveLocation

Description

Values

[AssetDisplaySaveLocation](#) *None*

[AssetDisplaySaveLocation](#) *AssetRoot*

[AssetDisplaySaveLocation](#) *Selectable*

<<<

AssetNameAttribute

PiRhoSoft.UtilityEngine.AssetNameAttribute : [PropertyScopeAttribute](#)

Description

Static Fields

int *DefaultOrder*

Constructors

AssetNameAttribute()

<<<

ButtonState

PiRhoSoft.UtilityEngine.ButtonState : ValueType

Description

Constructors

ButtonState(*bool pressed, bool held, bool released*)

ButtonState(*string button*)

ButtonState([KeyCode](#) *key*)

Public Fields

bool *Pressed*

bool *Held*

bool *Released*

<<<

ClassDisplayAttribute

PiRhoSoft.UtilityEngine.ClassDisplayAttribute : [PropertyAttribute](#)

Description

Constructors

ClassDisplayAttribute()

Public Fields

[ClassDisplayType](#) *Type*

<<<

ClassDisplayType

PiRhoSoft.UtilityEngine.ClassDisplayType

Description

Values

ClassDisplayType *Indented*

ClassDisplayType *Inline*

ClassDisplayType *Contained*

<<<

ClassPool

PiRhoSoft.UtilityEngine.ClassPool<T, T> : [IClassPool](#)<T>

Description

Constructors

ClassPool()

Public Methods

void Grow() *(virtual)*

T Reserve() *(virtual)*

void Release(T value) *(virtual)*

<<<

ComponentHelper

PiRhoSoft.UtilityEngine.ComponentHelper

Description

Static Methods

T GetComponentInScene<T>(int sceneIndex, bool includeDisabled)

void GetComponentsInScene<T>(int sceneIndex, [List](#)<T> components, bool includeDisabled)

[GameObject](#) FindObject(string name, int sceneIndex)

bool HasType([Object](#) unityObject, [Type](#) type)

[Object](#) GetAsBaseObject([Object](#) unityObject)

T GetAsObject<T>([Object](#) unityObject)

GameObject GetAsGameObject(**Object** unityObject)

T GetComponent<T>(**Object** unityObject)

Component GetComponent(**Object** unityObject, **string** componentName)

<<<

ConditionalDisplayAttribute

PiRhoSoft.UtilityEngine.ConditionalDisplayAttribute : [PropertyScopeAttribute](#)

Description

Static Fields

int *DefaultOrder*

Public Fields

string *StringValue*

int *EnumValue*

int *IntValue*

float *FloatValue*

bool *Invert*

Public Properties

string *Property* (read only)

Protected Constructors

ConditionalDisplayAttribute()

<<<

ConditionalDisplayOtherAttribute

PiRhoSoft.UtilityEngine.ConditionalDisplayOtherAttribute : [ConditionalDisplayAttribute](#)

Description

Constructors

ConditionalDisplayOtherAttribute(string property)

<<<

ConditionalDisplaySelfAttribute

PiRhoSoft.UtilityEngine.ConditionalDisplaySelfAttribute : [ConditionalDisplayAttribute](#)

Description

Constructors

ConditionalDisplaySelfAttribute(string *property*)

<<<

DictionaryDisplayAttribute

PiRhoSoft.UtilityEngine.DictionaryDisplayAttribute : [PropertyAttribute](#)

Description

Constructors

DictionaryDisplayAttribute()

Public Fields

bool *AllowAdd*

bool *AllowRemove*

bool *AllowCollapse*

ListItemType *ItemDisplay*

string *AddLabel*

string *EmptyText*

string *AddMethod*

string *RemoveMethod*

<<<

DisableInInspectorAttribute

PiRhoSoft.UtilityEngine.DisableInInspectorAttribute : [PropertyScopeAttribute](#)

Description

Static Fields

int *DefaultOrder*

Constructors

DisableInInspectorAttribute()

<<<

DropTable

PiRhoSoft.UtilityEngine.DropTable<T>

Description

Constructors

DropTable()

Public Properties

int *Count* (read only)

int *TotalWeight* (read only)

List<int> *Weights* (read only)

List<T> *Values* (read only)

Public Methods

void **Add**(int *weight*, T *value*)

bool **Remove**(int *index*)

void **Clear**()

int **GetWeight**(int *index*)

float **GetPercentageWeight**(int *index*)

T **GetValue**(int *index*)

bool **ChangeWeight**(int *index*, int *weight*)

bool **ChangeValue**(int *index*, T *value*)

T **PickValue**()

<<<

EnumDisplayAttribute

PiRhoSoft.UtilityEngine.EnumDisplayAttribute : [PropertyAttribute](#)

Description

Static Fields

float *DefaultMinimumWidth*

Constructors

EnumDisplayAttribute()

Public Fields

EnumDisplayType *Type*

bool *ForceFlags*

float *MinimumWidth*

<<<

EnumDisplayType

PiRhoSoft.UtilityEngine.EnumDisplayType

Description

Values

EnumDisplayType *Buttons*

EnumDisplayType *Popup*

<<<

FloatDisplayAttribute

PiRhoSoft.UtilityEngine.FloatDisplayAttribute : [PropertyAttribute](#)

Description

Constructors

FloatDisplayAttribute(string[] *names*, float[] *values*)

FloatDisplayAttribute(float *minimum*, float *maximum*, float *snap*)

FloatDisplayAttribute(string *maximumProperty*, float *minimum*, float *maximum*, float *snap*)

Public Properties

FloatDisplayType *Type (read only)*

string[] *Names (read only)*

float[] *Values (read only)*

<<<

FloatDisplayType

PiRhoSoft.UtilityEngine.FloatDisplayType

Description

Values

[FloatDisplayType](#) *Popup*

[FloatDisplayType](#) *Slider*

[FloatDisplayType](#) *MinMaxSlider*

<<<

GlobalBehaviour

PiRhoSoft.UtilityEngine.GlobalBehaviour<T> : [MonoBehaviour](#)

Description

Static Properties

bool *Exists (read only)*

T *Instance (read only)*

Protected Constructors

GlobalBehaviour()

<<<

IClassPool

PiRhoSoft.UtilityEngine.IClassPool<T>

Description

Public Methods

void **Grow()** *(abstract)*

T **Reserve()** *(abstract)*

void **Release(T value)** *(abstract)*

<<<

IEditableDictionary

PiRhoSoft.UtilityEngine.IEditableDictionary : [ICollection](#), [IDictionary](#), [IEnumerable](#)

Description

Public Methods

void PrepareForEdit() (*abstract*)

void ApplyEdits() (*abstract*)

<<<

InputHelper

PiRhoSoft.UtilityEngine.InputHelper

Description

Static Methods

void LateUpdate()

void SetButton(string *button*, bool *down*)

void RemoveButton(string *button*)

void SetAxis(string *axis*, float *value*)

void RemoveAxis(string *axis*)

bool IsButtonAvailable(string *button*)

ButtonState GetButtonState(**KeyCode** *key*, string *button*)

bool GetButtonDown(**KeyCode** *key*, string *button*)

bool GetWasButtonPressed(**KeyCode** *key*, string *button*)

bool GetWasButtonReleased(**KeyCode** *key*, string *button*)

float GetAxis(string *axis*)

ButtonState GetAxisState(string *axis*, float *magnitude*)

bool GetAxisDown(string *axis*, float *magnitude*)

bool GetWasAxisPressed(string *axis*, float *magnitude*)

bool GetWasAxisReleased(string *axis*, float *magnitude*)

<<<

IntDisplayAttribute

PiRhoSoft.UtilityEngine.IntDisplayAttribute : [PropertyAttribute](#)

Description

Constructors

IntDisplayAttribute(string[] *names*, int[] *values*)

IntDisplayAttribute(int *minimum*, int *maximum*, int *snap*)

IntDisplayAttribute(string *maximumProperty*, int *minimum*, int *maximum*, int *snap*)

Public Properties

IntDisplayType *Type (read only)*

string[] *Names (read only)*

int[] *Values (read only)*

<<<

IntDisplayType

PiRhoSoft.UtilityEngine.IntDisplayType

Description

Values

IntDisplayType *Popup*

IntDisplayType *Slider*

IntDisplayType *MinMaxSlider*

<<<

InternalHelper

PiRhoSoft.UtilityEngine.InternalHelper

Description

Static Methods

DelegateType **CreateDelegate<DelegateType>(MethodInfo method)**

DelegateType **CreateDelegate<DelegateType>(Type type, string methodName)**

Func<PropertyType> **CreateGetDelegate<PropertyType>(Type type, string propertyName)**

Action<PropertyType> **CreateSetDelegate<PropertyType>(Type type, string propertyName)**

Func<FieldType> **CreateGetField<FieldType>(Type type, string fieldName)**

Action<FieldType> **CreateSetField<FieldType>(Type type, string fieldName)**

Func<FieldType> **CreateGetField<FieldType>(Type type, string fieldName, Object obj)**

Action<FieldType> **CreateSetField<FieldType>(Type type, string fieldName, Object obj)**

<<<

IPoolable

PiRhoSoft.UtilityEngine.IPoolable

Description

Public Methods

void Reset() (*abstract*)

<<<

IPoolInfo

PiRhoSoft.UtilityEngine.IPoolInfo

Description

Public Properties

int Size (*read only*) (*abstract*)

int Growth (*read only*) (*abstract*)

<<<

IReloadable

PiRhoSoft.UtilityEngine.IReloadable

Description

Public Methods

void OnEnable() (*abstract*)

void OnDisable() (*abstract*)

<<<

ListDisplayAttribute

PiRhoSoft.UtilityEngine.ListDisplayAttribute : [PropertyAttribute](#)

Description

Constructors

ListDisplayAttribute()

Public Fields

```

bool AllowAdd
bool AllowRemove
bool AllowReorder
bool AllowCollapse
ListItemDisplayType ItemDisplay
string EmptyText
string AddMethod
string RemoveMethod
string ReorderCallback
    <<<

```

ListItemDisplayType

PiRhoSoft.UtilityEngine.ListItemDisplayType

Description

Values

```

ListItemDisplayType Normal
ListItemDisplayType Inline
ListItemDisplayType Foldout
    <<<

```

MathHelper

PiRhoSoft.UtilityEngine.MathHelper

Description

Static Methods

```

int IntExponent(int value, int exponent)
int Snap(int value, int snap)
float Snap(float value, float snap)
int Wrap(int value, int size)
float Wrap(float value, float length)
    <<<

```

MaximumAttribute

PiRhoSoft.UtilityEngine.MaximumAttribute : [PropertyScopeAttribute](#)

Description

Static Fields

int *DefaultOrder*

Constructors

MaximumAttribute(float *maximum*)

MaximumAttribute(int *maximum*)

Public Properties

float *MaximumValue* (read only)

<<<

MinimumAttribute

PiRhoSoft.UtilityEngine.MinimumAttribute : [PropertyScopeAttribute](#)

Description

Static Fields

int *DefaultOrder*

Constructors

MinimumAttribute(float *minimum*)

MinimumAttribute(int *minimum*)

Public Properties

float *MinimumValue* (read only)

<<<

PoolInfo_10_5

PiRhoSoft.UtilityEngine.PoolInfo_10_5 : [IPoolInfo](#)

Description

Constructors

PoolInfo_10_5()

Public Properties

int *Size* (read only) (virtual)

int *Growth* (read only) (virtual)

<<<

PoolInfo_100_10

PiRhoSoft.UtilityEngine.PoolInfo_100_10 : [IPoolInfo](#)

Description

Constructors

PoolInfo_100_10()

Public Properties

int *Size (read only) (virtual)*

int *Growth (read only) (virtual)*

<<<

PoolInfo_2_1

PiRhoSoft.UtilityEngine.PoolInfo_2_1 : [IPoolInfo](#)

Description

Constructors

PoolInfo_2_1()

Public Properties

int *Size (read only) (virtual)*

int *Growth (read only) (virtual)*

<<<

PoolInfo_25_5

PiRhoSoft.UtilityEngine.PoolInfo_25_5 : [IPoolInfo](#)

Description

Constructors

PoolInfo_25_5()

Public Properties

int *Size (read only) (virtual)*

int *Growth (read only) (virtual)*

<<<

PoolInfo_50_10

PiRhoSoft.UtilityEngine.PoolInfo_50_10 : [IPoolInfo](#)

Description

Constructors

PoolInfo_50_10()

Public Properties

int *Size (read only) (virtual)*

int *Growth (read only) (virtual)*

<<<

PriorityQueue

PiRhoSoft.UtilityEngine.PriorityQueue<T>

Description

Constructors

PriorityQueue(int maxNodes)

Public Properties

int *Count (read only)*

int *MaxSize (read only)*

T *First (read only)*

Public Methods

void Clear()

bool Contains(T node)

void Enqueue(T node, float priority)

T Dequeue()

void Resize(int maxNodes)

void UpdatePriority(T node, float priority)

void Remove(T node)

<<<

PriorityQueueNode

PiRhoSoft.UtilityEngine.PriorityQueueNode

Description

Constructors

PriorityQueueNode()

Public Properties

float *Priority (read only)*

int *QueueIndex (read only)*

<<<

PropertyScopeAttribute

PiRhoSoft.UtilityEngine.PropertyScopeAttribute : [PropertyAttribute](#)

Description

Protected Constructors

PropertyScopeAttribute(int drawOrder)

<<<

ReloadOnChangeAttribute

PiRhoSoft.UtilityEngine.ReloadOnChangeAttribute : [PropertyScopeAttribute](#)

Description

Static Fields

int *DefaultOrder*

Constructors

ReloadOnChangeAttribute()

<<<

Resource

PiRhoSoft.UtilityEngine.Resource : [ScriptableObject](#)

Description

Static Fields

string *_invalidPathWarning*

Public Properties

string *Path (read only)*

Protected Constructors

Resource()

<<<

SceneReference

PiRhoSoft.UtilityEngine.SceneReference

Description

Static Fields

Action<**string**, **string**> *SceneMoved*

Constructors

SceneReference()

Public Fields

string *Path*

Public Properties

bool *IsAssigned (read only)*

bool *IsLoaded (read only)*

Scene *Scene (read only)*

int *Index (read only)*

Public Methods

void Setup(**Object** owner)

void Teardown()

<<<

SerializedArray

PiRhoSoft.UtilityEngine.SerializedArray<T> : [ICollection](#), [ICloneable](#), [IEnumerable](#), [IList](#),
[IStructuralComparable](#), [IStructuralEquatable](#)

Description

Constructors

SerializedArray(*int count*)

Public Properties

T[] *Array (read only)*

int *Length (read only)*

T *Item*

bool *IsSynchronized (read only) (virtual)*

Object *SyncRoot (read only) (virtual)*

bool *IsFixedSize (read only) (virtual)*

bool *IsReadOnly (read only) (virtual)*

Public Methods

void **CopyTo**(**Array** array, **int** index) *(virtual)*

Object **Clone**() *(virtual)*

IEnumerator **GetEnumerator**() *(virtual)*

Protected Fields

T[] *_items*

<<<

SerializedDictionary

PiRhoSoft.UtilityEngine.SerializedDictionary<KeyType, KeyType> : [Dictionary](#)<KeyType, KeyType>, [IEditableDictionary](#)

Description

Constructors

SerializedDictionary()

Public Methods

void **PrepareForEdit**() *(virtual)*

void **ApplyEdits**() *(virtual)*

Protected Fields

[List](#)<KeyType> *_keys*

[List](#)<ValueType> *_values*

<<<

SerializedList

PiRhoSoft.UtilityEngine.SerializedList<T> : [ICollection](#), [IEnumerable<T>](#), [IList<T>](#), [IEnumerable](#), [IReadOnlyCollection<T>](#), [IReadOnlyList<T>](#), [IList](#), [ICollection<T>](#)

Description

Constructors

SerializedList()

Public Properties

[List<T>](#) *List (read only)*

int *Count (read only) (virtual)*

T *Item (virtual)*

Public Methods

void **Add**(**T** *item*) *(virtual)*

bool **Remove**(**T** *item*) *(virtual)*

void **Clear**() *(virtual)*

bool **Contains**(**T** *item*) *(virtual)*

void **CopyTo**(**T[]** *array*, **int** *arrayIndex*) *(virtual)*

[IEnumerator<T>](#) **GetEnumerator**() *(virtual)*

int **IndexOf**(**T** *item*) *(virtual)*

void **Insert**(**int** *index*, **T** *item*) *(virtual)*

void **RemoveAt**(**int** *index*) *(virtual)*

Protected Fields

[List<T>](#) *_items*

<<<

SingletonBehaviour

PiRhoSoft.UtilityEngine.SingletonBehaviour<T> : [MonoBehaviour](#)

Description

Static Properties

T *Instance (read only)*

Constructors

SingletonBehaviour()

Protected Methods

```
void Awake() (virtual)
void OnDestroy() (virtual)
<<<
```

SnapAttribute

PiRhoSoft.UtilityEngine.SnapAttribute : [PropertyScopeAttribute](#)

Description

Static Fields

```
int DefaultOrder
# Constructors

SnapAttribute(int snapValue)
SnapAttribute(float snapValue)
# Public Properties

float SnapValue (read only)
<<<
```

StringDisplayAttribute

PiRhoSoft.UtilityEngine.StringDisplayAttribute : [PropertyAttribute](#)

Description

Constructors

```
StringDisplayAttribute(StringDisplayType type)
StringDisplayAttribute(string[] options)
# Public Fields

bool WordWrap
int MinimumLines
int MaximumLines
# Public Properties

StringDisplayType Type (read only)
string[] Options (read only)
<<<
```

StringDisplayType

PiRhoSoft.UtilityEngine.StringDisplayType

Description

Values

StringDisplayType *TextBox*

StringDisplayType *TextArea*

StringDisplayType *FoldoutBox*

StringDisplayType *FoldoutArea*

StringDisplayType *Popup*

<<<

TypeDisplayAttribute

PiRhoSoft.UtilityEngine.TypeDisplayAttribute : [PropertyAttribute](#)

Description

Constructors

TypeDisplayAttribute(*Type rootType*)

Public Fields

bool *AllowNone*

Public Properties

Type *RootType* (*read only*)