# Namespace LuaMod

#### Classes

**LuaBehaviour** 

<u>LuaGun</u>

<u>LuaMemoryProfiler</u>

<u>LuaMod</u>

<u>LuaModScript</u>

<u>LuaModScript.ScriptStrikeRecord</u>

<u>LuaResources</u>

**LuaSafeCall** 

<u>ScriptManager</u>

#### **Enums**

<u>LuaModScript.StrikeReason</u>

# Delegates

<u>LuaModScript.del\_postreload</u>

## Class LuaBehaviour

Namespace: <u>LuaMod</u>
Assembly: LuaMod.dll

public class LuaBehaviour : MonoBehaviour

#### Inheritance

object ← Il2CppObjectBase ← Object ← Object ← Component ← Behaviour ← MonoBehaviour ← LuaBehaviour

Derived

**LuaGun** 

#### **Fields**

#### **AwakeFunction**

protected DynValue AwakeFunction

Field Value

DynValue

### BehaviourScript

public LuaModScript BehaviourScript

Field Value

<u>LuaModScript</u>

# Fixed Update Function

protected DynValue FixedUpdateFunction

#### Field Value

DynValue

#### LateStartFunction

protected DynValue LateStartFunction

Field Value

DynValue

## LateUpdateFunction

protected DynValue LateUpdateFunction

Field Value

DynValue

#### OnBecameInvisibleFunction

protected DynValue OnBecameInvisibleFunction

Field Value

DynValue

#### **OnBecameVisibleFunction**

DynValue

#### OnCollisionEnterFunction

protected DynValue OnCollisionEnterFunction

Field Value

DynValue

#### OnCollisionExitFunction

protected DynValue OnCollisionExitFunction

Field Value

DynValue

## OnCollisionStayFunction

protected DynValue OnCollisionStayFunction

Field Value

DynValue

## OnDestroyFunction

protected DynValue OnDestroyFunction

#### Field Value

DynValue

#### OnDisableFunction

protected DynValue OnDisableFunction

Field Value

DynValue

#### OnEnableFunction

protected DynValue OnEnableFunction

Field Value

DynValue

#### **OnJointBreakFunction**

protected DynValue OnJointBreakFunction

Field Value

DynValue

#### OnParticleCollisionFunction

DynValue

#### OnParticleSystemStoppedFunction

protected DynValue OnParticleSystemStoppedFunction

Field Value

DynValue

#### OnParticleTriggerFunction

protected DynValue OnParticleTriggerFunction

Field Value

DynValue

#### OnParticleUpdateJobScheduledFunction

protected DynValue OnParticleUpdateJobScheduledFunction

Field Value

DynValue

# On Transform Children Change d Function

DynValue

## On Transform Parent Changed Function

protected DynValue OnTransformParentChangedFunction

Field Value

DynValue

### OnTriggerEnterFunction

protected DynValue OnTriggerEnterFunction

Field Value

DynValue

## OnTriggerExitFunction

protected DynValue OnTriggerExitFunction

Field Value

DynValue

## OnTriggerStayFunction

DynValue

## Ready

Indicates whether this LuaBehaviour is initialized and ready.

```
public bool Ready
```

#### Field Value

bool

## ScriptAsset

public TextAsset ScriptAsset

#### Field Value

TextAsset

## ScriptName

The name of the Lua script file (used if ScriptAsset is null).

```
public string ScriptName
```

#### Field Value

string

# ScriptTags

Optional list of tags associated with this Lua Behaviour.

```
public List<string> ScriptTags
```

Field Value

List<string>

## SlowUpdateFunction

protected DynValue SlowUpdateFunction

Field Value

DynValue

### SlowUpdateTime

The interval at which the SlowUpdate function is called in seconds.

```
public float SlowUpdateTime
```

Field Value

float

#### StartFunction

protected DynValue StartFunction

Field Value

DynValue

## **UpdateFunction**

protected DynValue UpdateFunction

Field Value

DynValue

#### **Methods**

#### CallFunction(string, params DynValue[])

public bool CallFunction(string functionname, params DynValue[] args)

#### **Parameters**

functionname string

args DynValue[]

Returns

bool

## CallFunctionULTEvent(string, int, float, string, Object)

```
public void CallFunctionULTEvent(string functionname, int param1, float param2, string
param3, Object param4)
```

#### Parameters

functionname string

param1 int

param2 float

```
param3 string
param4 Object
GetScriptVariable(string)
 public DynValue GetScriptVariable(string name)
Parameters
name string
Returns
DynValue
SetScriptVariable(string, DynValue)
 public void SetScriptVariable(string name, DynValue DyVar)
Parameters
name string
DyVar DynValue
SetSlowUpdate(bool, float)
 public void SetSlowUpdate(bool running, float time)
Parameters
```

running bool

time float

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#### Class LuaGun

Namespace: <u>LuaMod</u>
Assembly: LuaMod.dll

public class LuaGun : LuaBehaviour

#### Inheritance

object ← Il2CppObjectBase ← Object ← Object ← Component ← Behaviour ← MonoBehaviour ← LuaBehaviour ← LuaGun

#### **Inherited Members**

<u>LuaBehaviour.ScriptName</u>, <u>LuaBehaviour.ScriptAsset</u>, <u>LuaBehaviour.SlowUpdateTime</u>,

<u>LuaBehaviour.ScriptTags</u>, <u>LuaBehaviour.Ready</u>, <u>LuaBehaviour.BehaviourScript</u>,

<u>LuaBehaviour.StartFunction</u>, <u>LuaBehaviour.LateStartFunction</u>, <u>LuaBehaviour.UpdateFunction</u>,

<u>LuaBehaviour.FixedUpdateFunction</u>, <u>LuaBehaviour.AwakeFunction</u>, <u>LuaBehaviour.OnEnableFunction</u>,

<u>LuaBehaviour.OnDisableFunction</u>, <u>LuaBehaviour.OnDestroyFunction</u>,

<u>LuaBehaviour.OnCollisionEnterFunction</u>, <u>LuaBehaviour.OnCollisionExitFunction</u>,

<u>LuaBehaviour.OnCollisionStayFunction</u>, <u>LuaBehaviour.SlowUpdateFunction</u>,

<u>LuaBehaviour.LateUpdateFunction</u>, <u>LuaBehaviour.OnTriggerEnterFunction</u>,

<u>LuaBehaviour.OnTriggerExitFunction</u>, <u>LuaBehaviour.OnTriggerStayFunction</u>,

<u>LuaBehaviour.OnBecameInvisibleFunction</u>, <u>LuaBehaviour.OnBecameVisibleFunction</u>,

<u>LuaBehaviour.OnParticleSystemStoppedFunction</u>, <u>LuaBehaviour.OnParticleCollisionFunction</u>,

<u>LuaBehaviour.OnParticleTriggerFunction</u>, <u>LuaBehaviour.OnParticleUpdateJobScheduledFunction</u>,

<u>LuaBehaviour.OnTransformChildrenChangedFunction</u>,

LuaBehaviour.OnTransformParentChangedFunction, LuaBehaviour.OnJointBreakFunction,

<u>LuaBehaviour.SetSlowUpdate(bool, float)</u>, <u>LuaBehaviour.SetScriptVariable(string, DynValue)</u>,

<u>LuaBehaviour.GetScriptVariable(string)</u>,

<u>LuaBehaviour.CallFunctionULTEvent(string, int, float, string, Object)</u>,

<u>LuaBehaviour.CallFunction(string, params DynValue[])</u>

#### **Constructors**

#### LuaGun(IntPtr)

public LuaGun(IntPtr ptr)

#### **Parameters**

ptr IntPtr

#### **Fields**

#### AttachedGun

public Gun AttachedGun

Field Value

Gun

## AttachedGunSlide

public SlideVirtualController AttachedGunSlide

Field Value

SlideVirtualController

# SupressBullet

public bool SupressBullet

Field Value

bool

#### **Methods**

ForceGunFire()

```
public bool ForceGunFire()
Returns
bool
GetFirepointPosition()
 public DynValue GetFirepointPosition()
Returns
DynValue
GetMagazineRounds()
 public DynValue GetMagazineRounds()
Returns
DynValue
LuaSpawnCartridge(Spawnable)
 public bool LuaSpawnCartridge(Spawnable spawnableCartridge)
Parameters
spawnableCartridge Spawnable
Returns
```

bool

## LuaTriggerPulled()

```
public bool LuaTriggerPulled()
```

Returns

bool

## OnFire()

```
public bool OnFire()
```

Returns

bool

## OnGripAttached(InteractableHost, Hand)

```
public void OnGripAttached(InteractableHost host, Hand hand)
```

**Parameters** 

host InteractableHost

hand Hand

### OnMagizineEjected()

```
public void OnMagizineEjected()
```

#### OnSlideGrabbed()

```
public void OnSlideGrabbed()
```

## OnSlideReleased()

```
public void OnSlideReleased()
```

## OnSlideUpdate(float)

```
public void OnSlideUpdate(float pos)
```

**Parameters** 

pos float

## SetMagazineRounds(int)

```
public bool SetMagazineRounds(int rounds)
```

**Parameters** 

rounds int

Returns

bool

# SetupBehaviourFunctions()

```
public override bool SetupBehaviourFunctions()
```

Returns

bool

## Start()

public void Start()

# Class LuaMemoryProfiler

```
Namespace: <u>LuaMod</u>

Assembly: LuaMod.dll

public static class <u>LuaMemoryProfiler</u>

Inheritance

object ← LuaMemoryProfiler
```

#### **Methods**

EstimateMemoryMB(Script, Dictionary < string, DynValue > )

```
public static float EstimateMemoryMB(Script script, Dictionary<string,
DynValue> loadedModules)
```

**Parameters** 

script Script

loadedModules Dictionary<string, DynValue>

Returns

float

ScriptMemoryReport(Script, Dictionary<string, DynValue>)

```
public static string ScriptMemoryReport(Script script, Dictionary<string,
DynValue> loadedModules)
```

**Parameters** 

script Script

loadedModules Dictionary<string, DynValue>

Returns

string

#### Class LuaMod

Namespace: <u>LuaMod</u>
Assembly: LuaMod.dll

public class LuaMod : MelonMod

#### Inheritance

object ← MelonBase ← MelonTypeBase < MelonMod > ← MelonMod ← LuaMod

#### Inherited Members

MelonMod.OnLevelWasLoaded(int), MelonMod.OnLevelWasInitialized(int), MelonMod.InfoAttribute, MelonMod.GameAttributes,

MelonTypeBase<MelonMod>.ExecuteAll(LemonAction<MelonMod>, bool, string),

MelonTypeBase<MelonMod>.RegisteredMelons, MelonTypeBase<MelonMod>.TypeName,

MelonTypeBase<MelonMod>.MelonTypeName, MelonBase.OnMelonRegistered,

MelonBase.OnMelonUnregistered, MelonBase.OnMelonInitializing, MelonBase.OnRegister,

MelonBase.OnUnregister,

MelonBase.CreateWrapper<T>(string, string, MelonGameAttribute[], MelonProcessAttribute[], int, Color?, Color?, string),

MelonBase.RegisterSorted < T > (IEnumerable < T >), MelonBase.OnPreSupportModule(),

MelonBase.OnUpdate(), MelonBase.OnFixedUpdate(), MelonBase.OnLateUpdate(), MelonBase.OnGUI(),

MelonBase.OnApplicationQuit(), MelonBase.OnPreferencesSaved(),

MelonBase.OnPreferencesSaved(string), MelonBase.OnPreferencesLoaded(),

MelonBase.OnPreferencesLoaded(string), MelonBase.OnEarlyInitializeMelon(),

MelonBase.OnInitializeMelon(), MelonBase.OnLateInitializeMelon(), MelonBase.OnDeinitializeMelon(),

MelonBase.FindIncompatiblities(MelonGameAttribute, string, string, string, MelonPlatform

Attribute.CompatiblePlatforms, MelonPlatformDomainAttribute.CompatibleDomains),

MelonBase.FindIncompatiblities(MelonGameAttribute, string, SemVersion, string, MelonPlatform

Attribute.CompatiblePlatforms, MelonPlatformDomainAttribute.CompatibleDomains),

MelonBase.FindIncompatiblitiesFromContext(),

MelonBase.PrintIncompatibilities(MelonBase.Incompatibility[], MelonBase), MelonBase.Register(),

MelonBase.FindMelon(string, string), MelonBase.Unregister(string, bool),

MelonBase.ExecuteAll(LemonAction < MelonBase > , bool, string) ,

MelonBase.ExecuteList<T>(LemonAction<T>, List<T>, bool, string),

MelonBase.SendMessageAll(string, params object[]), MelonBase.SendMessage(string, params object[]),

MelonBase.OnApplicationLateStart(), MelonBase.OnApplicationStart(),

MelonBase.OnModSettingsApplied(), MelonBase.MelonAssembly, MelonBase.Priority,

MelonBase.ConsoleColor, MelonBase.AuthorConsoleColor, MelonBase.Info,

MelonBase.AdditionalCredits, MelonBase.SupportedProcesses, MelonBase.Games, MelonBase.SupportedGameVersions, MelonBase.OptionalDependencies, MelonBase.SupportedPlatforms, MelonBase.SupportedDomain, MelonBase.SupportedMLVersion, MelonBase.SupportedMLBuild, MelonBase.HarmonyInstance, MelonBase.LoggerInstance, MelonBase.ID, MelonBase.Registered, MelonBase.harmonyInstance, MelonBase.Harmony, MelonBase.Assembly, MelonBase.HarmonyDontPatchAll, MelonBase.Hash, MelonBase.Location

#### **Methods**

#### OnSceneWasInitialized(int, string)

Runs once a Scene is initialized.

public override void OnSceneWasInitialized(int buildIndex, string sceneName)

**Parameters** 

buildIndex int

sceneName string

#### OnSceneWasLoaded(int, string)

Runs when a new Scene is loaded.

public override void OnSceneWasLoaded(int buildIndex, string sceneName)

**Parameters** 

buildIndex int

sceneName string

#### OnSceneWasUnloaded(int, string)

Runs once a Scene unloads.

public override void OnSceneWasUnloaded(int buildIndex, string sceneName)

Parameters

buildIndex int

sceneName string

# Class LuaModScript

Namespace: <u>LuaMod</u>
Assembly: LuaMod.dll

public class LuaModScript

#### Inheritance

object ← LuaModScript

#### **Fields**

#### MaxScriptExecutionTime

protected const int MaxScriptExecutionTime = 500

Field Value

int

## PostReloadScript

public LuaModScript.del\_postreload PostReloadScript

Field Value

<u>LuaModScript.del\_postreload</u>

# ScriptMemoryBudget

protected const float ScriptMemoryBudget = 15

Field Value

#### **Methods**

## CallScriptFunction(DynValue, params object[])

public DynValue CallScriptFunction(DynValue luaFunc, params object[] Args)

**Parameters** 

luaFunc DynValue

Args object[]

Returns

DynValue

### DestroyScript()

public void DestroyScript()

## GetGlobal(string)

public DynValue GetGlobal(string name)

**Parameters** 

name string

Returns

DynValue

## IsScriptPathSafe(string)

```
public static bool IsScriptPathSafe(string path)
```

**Parameters** 

path string

Returns

bool

# LoadScript(string, bool)

```
public bool LoadScript(string filename, bool reloading)
```

**Parameters** 

filename string

reloading bool

Returns

bool

## LoadScript(TextAsset, bool)

```
public bool LoadScript(TextAsset scriptAsset, bool reloading)
```

**Parameters** 

scriptAsset TextAsset

reloading bool

Returns

# ScriptIsValid()

```
public bool ScriptIsValid()
```

Returns

bool

# SetGlobal(string, object)

public void SetGlobal(string name, object val)

Parameters

name string

val object

# Class LuaModScript.ScriptStrikeRecord

Namespace: <u>LuaMod</u>
Assembly: LuaMod.dll

public class LuaModScript.ScriptStrikeRecord

#### Inheritance

object ← LuaModScript.ScriptStrikeRecord

#### **Fields**

#### Reason

public LuaModScript.StrikeReason Reason

#### Field Value

<u>LuaModScript.StrikeReason</u>

#### Strikes

public int Strikes

Field Value

int

# Enum LuaModScript.StrikeReason

```
Namespace: <u>LuaMod</u>
Assembly: LuaMod.dll

public enum LuaModScript.StrikeReason
```

## **Fields**

```
ExecutionTime = 0

MemoryUse = 1
```

# Delegate LuaModScript.del\_postreload

Namespace: <u>LuaMod</u>
Assembly: LuaMod.dll

public delegate bool LuaModScript.del\_postreload()

Returns

bool

# **Class LuaResources**

Namespace: <u>LuaMod</u>
Assembly: LuaMod.dll

```
public class LuaResources : MonoBehaviour
```

#### Inheritance

object ← Il2CppObjectBase ← Object ← Object ← Component ← Behaviour ← MonoBehaviour ← LuaResources

#### **Fields**

#### boolKeys

public List<string> boolKeys

Field Value

List<string>

#### boolValues

public List<bool> boolValues

Field Value

List<bool>

### floatKeys

public List<string> floatKeys

List<string>

#### floatValues

```
public List<float> floatValues
```

Field Value

List<float>

# objectKeys

```
public List<string> objectKeys
```

Field Value

List<string>

## objectValues

```
public List<Object> objectValues
```

Field Value

List<Object>

# stringKeys

```
public List<string> stringKeys
```

Field Value

## stringValues

```
public List<string> stringValues
```

Field Value

List<string>

# **Properties**

#### Bools

```
public Dictionary<string, bool> Bools { get; }
```

Property Value

Dictionary<string, bool>

#### **Floats**

```
public Dictionary<string, float> Floats { get; }
```

Property Value

Dictionary<string, float>

# Objects

```
public Dictionary<string, Object> Objects { get; }
```

Property Value

## Strings

```
public Dictionary<string, string> Strings { get; }
Property Value
Dictionary<string, string>
```

#### **Methods**

```
Cast<T>(Object)
```

```
public static T Cast<T>(Object input) where T : class
Parameters
```

input Object

Returns

Τ

Type Parameters

Т

## GetAllKeys()

```
public HashSet<string> GetAllKeys()
```

Returns

HashSet<string>

## GetBool(string)

```
public bool GetBool(string key)
```

**Parameters** 

key string

Returns

bool

### GetDuplicateKeys()

```
public List<string> GetDuplicateKeys()
```

Returns

List<string>

## GetFloat(string)

```
public float GetFloat(string key)
```

**Parameters** 

key string

Returns

float

## GetObject(string, string)

```
public DynValue GetObject(string key, string CompType)
```

**Parameters** key string CompType string Returns DynValue GetString(string) public string GetString(string key) **Parameters** key string Returns string RebuildAll() public void RebuildAll() SetBool(string, bool) public void SetBool(string key, bool value) **Parameters** key string value bool

## SetFloat(string, float)

```
public void SetFloat(string key, float value)
```

**Parameters** 

key string

value float

# SetObject(string, Object)

```
public void SetObject(string key, Object value)
```

Parameters

key string

value Object

# SetString(string, string)

public void SetString(string key, string value)

**Parameters** 

key string

value string

# Class LuaSafeCall

Τ

```
Namespace: LuaMod
Assembly: LuaMod.dll
 public static class LuaSafeCall
Inheritance
object ← LuaSafeCall
Methods
Run(Action, string)
 public static void Run(Action action, string context = "Unknown")
Parameters
action Action
context string
Run<T>(Func<T>, string)
 public static T Run<T>(Func<T> func, string context = "Unknown")
Parameters
func Func<T>
context string
Returns
```

# Type Parameters

Т

# Class ScriptManager

Namespace: <u>LuaMod</u>
Assembly: LuaMod.dll

public static class ScriptManager

#### Inheritance

object ← ScriptManager

### **Fields**

### ScriptList

public static List<LuaModScript> ScriptList

Field Value

List < Lua Mod Script >

### **Methods**

DeregisterScript(LuaModScript)

public static void DeregisterScript(LuaModScript script)

**Parameters** 

script LuaModScript

# InitiateFileSystemMonitor()

public static void InitiateFileSystemMonitor()

# RegisterScript(LuaModScript)

```
public static void RegisterScript(LuaModScript script)
```

Parameters

script LuaModScript

# ReloadScripts()

public static void ReloadScripts()

# Namespace LuaMod.BoneMenu

# Classes

**LuaFunctionElement** 

# Class LuaFunctionElement

Namespace: <u>LuaMod.BoneMenu</u>

Assembly: LuaMod.dll

public class LuaFunctionElement : FunctionElement

#### Inheritance

object ← Element ← FunctionElement ← LuaFunctionElement

#### Inherited Members

Element.OnElementChanged , Element.\_elementName , Element.\_elementColor , Element.\_elementTooltip , Element.OnElementAdded() , Element.OnElementHover() , Element.OnElementDeselected() , Element.OnElementPressed() , Element.OnElementRemoved() , Element.SetProperty(ElementProperties) , Element.SetTooltip(string) , Element.ElementName , Element.ElementColor , Element.ElementTooltip , Element.HasTooltip , Element.Properties

#### **Constructors**

LuaFunctionElement(string, Color, LuaBehaviour, string)

public LuaFunctionElement(string name, Color color, LuaBehaviour own, string luafunc)

**Parameters** 

name string

color Color

own LuaBehaviour

luafunc string

### **Properties**

Logo

```
public Texture2D Logo { get; set; }
```

### Property Value

Texture2D

### Methods

# OnElementSelected()

public override void OnElementSelected()

# Namespace LuaMod.LuaAPI

#### Classes

API Audio

API\_BoneMenu

#### **API Events**

NOTE: THIS CLASS PROBABLY A MEMORY LEAK - NEED TO DESTROY SCRIPT REFERENCES WHEN DESTROYED

#### **API FileAccess**

Provides Lua-accessible file operations such as opening and checking for file existence.

#### API\_GameObject

Lua-exposed API for GameObject manipulation in Bonelab. Provides methods for spawning, destroying, and modifying Unity GameObjects from Lua scripts.

#### **API\_Input**

#### **API** Particles

Lua-exposed API for working with Unity particle systems and trail segments.

**API Physics** 

API\_Player

**API Random** 

#### **API** Renderer

Lua-exposed API for modifying MeshRenderer materials. Supports getting, setting, and replacing materials from Lua scripts.

**API SLZ Combat** 

**API SLZ NPC** 

API\_SLZ\_VoidLogic

**API Utils** 

**API Vector** 

**BLFileAccess** 

### **Structs**

**EventListner** 

# Class API\_Audio

```
Namespace: <u>LuaMod.LuaAPI</u>
Assembly: LuaMod.dll

public class API_Audio

Inheritance
```

object ← API\_Audio

### **Fields**

#### Instance

```
public static readonly API_Audio Instance
```

Field Value

**API Audio** 

### **Methods**

BL\_Play3DOneShot(AudioClip, Vector3, float, float, float)

```
public bool BL_Play3DOneShot(AudioClip Clip, Vector3 position, float volume = 1, float pitch
= 1, float spatialBlend = 1)
```

**Parameters** 

Clip AudioClip

position Vector3

volume float

pitch float

spatialBlend float

Returns

bool

# Class API\_BoneMenu

Namespace: <u>LuaMod.LuaAPI</u>

Assembly: LuaMod.dll

```
public class API_BoneMenu
```

#### Inheritance

object ← API\_BoneMenu

### **Fields**

### BL\_Page

```
public static Page BL_Page
```

Field Value

Page

### Instance

NOTE: AS IT STANDS, PLAYERS CAN STILL CALL PAGE.CREATEFUNCTION - NEEDS TO BE REMOVED FOR SAFETY

```
public static readonly API_BoneMenu Instance
```

Field Value

API\_BoneMenu

### **Methods**

BL\_CreateFunction(Page, string, Color, LuaBehaviour, string)

```
public static LuaFunctionElement BL_CreateFunction(Page page, string name, Color color,
 LuaBehaviour owner, string function)
Parameters
page Page
name string
color Color
owner LuaBehaviour
function string
Returns
<u>LuaFunctionElement</u>
BL_DeletePage(Page)
 public static bool BL_DeletePage(Page page)
Parameters
page Page
Returns
bool
InvokeFloatAction()
 public static void InvokeFloatAction()
```

# **Class API\_Events**

Namespace: <u>LuaMod.LuaAPI</u>

Assembly: LuaMod.dll

NOTE: THIS CLASS PROBABLY A MEMORY LEAK - NEED TO DESTROY SCRIPT REFERENCES WHEN DESTROYED

```
public class API_Events
```

#### Inheritance

object ← API\_Events

### **Fields**

#### **EventListeners**

```
public static Dictionary<string, List<EventListner>> EventListeners
```

Field Value

Dictionary<string, List<<u>EventListner</u>>>

#### Instance

```
public static readonly API_Events Instance
```

Field Value

**API Events** 

### **Methods**

BL\_InvokeEvent(string, params DynValue[])

```
public static bool BL_InvokeEvent(string eventName, params DynValue[] args)
Parameters
eventName string
args DynValue[]
Returns
bool
BL_SubscribeEvent(string, LuaBehaviour, string)
 public static bool BL_SubscribeEvent(string eventName, LuaBehaviour Owner, string func)
Parameters
eventName string
Owner LuaBehaviour
func string
Returns
bool
BL_SubscribeEvent(UnityEvent, LuaBehaviour, string)
 public static bool BL_SubscribeEvent(UnityEvent Uevent, LuaBehaviour Owner, string func)
Parameters
Uevent UnityEvent
Owner LuaBehaviour
```

func string

Returns

bool

# SetUpEvents()

public static void SetUpEvents()

# Class API\_FileAccess

Namespace: <u>LuaMod.LuaAPI</u>

Assembly: LuaMod.dll

Provides Lua-accessible file operations such as opening and checking for file existence.

```
public class API_FileAccess
```

#### Inheritance

object ← API\_FileAccess

#### Remarks

Use this API to safely interact with the file system from Lua scripts. File paths are validated to prevent unauthorized access outside the mod sandbox.

Files opened with <u>BL OpenFile(string)</u> return a <u>BLFileAccess</u> object for reading or writing contents.

### **Fields**

#### Instance

```
public static readonly API_FileAccess Instance
```

Field Value

**API FileAccess** 

### **Methods**

### BL\_FileExists(string)

Determines whether a file exists at the specified relative path within the mod's sandbox.

```
public static bool BL_FileExists(string name)
```

#### **Parameters**

name string

The relative file path to check.

#### Returns

bool

Returns true if the file exists and the path is safe; otherwise, false. Throws an exception if the path is unsafe.

### BL\_OpenFile(string)

Opens a file at the specified path and returns a **BLFileAccess** object for interacting with it.

public static BLFileAccess BL\_OpenFile(string name)

#### **Parameters**

name string

The relative path to the file.

### Returns

#### **BLFileAccess**

A BLFileAccess object if the path is safe; throws an exception otherwise.

# Class API\_GameObject

Namespace: <u>LuaMod.LuaAPI</u>

Assembly: LuaMod.dll

Lua-exposed API for GameObject manipulation in Bonelab. Provides methods for spawning, destroying, and modifying Unity GameObjects from Lua scripts.

```
public class API_GameObject
```

#### Inheritance

object ← API\_GameObject

### **Fields**

#### Instance

Singleton instance of the API\_GameObject class.

```
public static readonly API_GameObject Instance
```

Field Value

**API** GameObject

#### **Methods**

### BL\_AddComponent(GameObject, string)

Adds a component of the specified type to the GameObject.

```
public DynValue BL_AddComponent(GameObject obj, string CompType)
```

#### **Parameters**

obj GameObject

#### CompType string

#### Returns

DynValue

### BL\_CreateEmptyGameObject()

Creates a new empty GameObject in the scene.

```
public GameObject BL_CreateEmptyGameObject()
```

#### Returns

GameObject

### BL\_Destroy(Object)

Destroys the specified Unity Object.

```
public static void BL_Destroy(Object obj)
```

#### **Parameters**

obj Object

### BL\_EntityPose(string)

Creates a DataCardReference for the given EntityPose barcode.

```
public DataCardReference<EntityPose> BL_EntityPose(string barcode)
```

#### **Parameters**

barcode string

#### Returns

DataCardReference < EntityPose >

### BL\_FindAllInChildren(GameObject, string)

Finds all child GameObjects with the specified name.

```
public DynValue BL_FindAllInChildren(GameObject gameObject, string name)
```

#### **Parameters**

gameObject GameObject

name string

Returns

DynValue

### BL\_FindAllInWorld(string)

Finds all GameObjects in the scene with the specified name.

```
public DynValue BL_FindAllInWorld(string name)
```

#### **Parameters**

name string

Returns

DynValue

### BL\_FindComponentsInWorld(string, bool)

Gets all components of the specified type in the world. Don't overuse this function.

```
public DynValue BL_FindComponentsInWorld(string compType, bool includeInactive = false)
```

**Parameters** 

compType string

includeInactive bool

Returns

DynValue

### BL\_FindInChildren(GameObject, string)

Finds a child GameObject by name under the specified parent GameObject.

```
public DynValue BL_FindInChildren(GameObject gameObject, string name)
```

#### **Parameters**

gameObject GameObject

name string

Returns

DynValue

### BL\_FindInWorld(string)

Finds a GameObject in the scene by name.

public DynValue BL\_FindInWorld(string name)

#### **Parameters**

name string

#### Returns

DynValue

### BL\_GetComponent(GameObject, string)

Gets a component of the specified type on the GameObject.

```
public DynValue BL_GetComponent(GameObject obj, string CompType)
```

**Parameters** 

obj GameObject

CompType string

Returns

DynValue

### BL\_GetComponentInChildren(GameObject, string)

Gets a component of the specified type from the GameObject's children.

```
public DynValue BL_GetComponentInChildren(GameObject obj, string CompType)
```

**Parameters** 

obj GameObject

CompType string

Returns

DynValue

### BL\_GetComponents(GameObject, string)

Gets all components of the specified type on the GameObject.

```
public List<DynValue> BL_GetComponents(GameObject obj, string CompType)
```

#### **Parameters**

obj GameObject

CompType string

Returns

List<DynValue>

### BL\_GetComponentsInChildren(GameObject, string, bool)

Gets all components of the specified type in the GameObject's children.

```
public List<DynValue> BL_GetComponentsInChildren(GameObject obj, string CompType, bool
includeInactive = false)
```

#### **Parameters**

obj GameObject

CompType string

includeInactive bool

#### Returns

List<DynValue>

### BL\_InstantiateGameObject(GameObject)

Instantiates a new GameObject based on the provided original.

```
public GameObject BL_InstantiateGameObject(GameObject original)
```

#### **Parameters**

original GameObject

Returns

GameObject

### BL\_IsValid(Object)

Returns true if the given Unity Object is valid (not null).

```
public static bool BL_IsValid(Object obj)
```

**Parameters** 

obj Object

Returns

bool

# BL\_SpawnByBarcode(LuaBehaviour, string, string, Vector3, Quaternion, GameObject, bool)

Spawns a crate by barcode and assigns it to a LuaBehaviour script variable. Note: Crate spawning is asyncronous, so the variable won't be valid immediently

```
public static void BL_SpawnByBarcode(LuaBehaviour LB, string VariableName, string
SpawnBCode, Vector3 pos, Quaternion rotation, GameObject NewParent, bool Active = true)
```

**Parameters** 

LB LuaBehaviour

VariableName string

SpawnBCode string

pos Vector3

rotation Quaternion

NewParent GameObject

Active bool

### BL\_SpawnByBarcode(string, Vector3, Quaternion)

Spawns a crate by barcode at the specified position and rotation.

public static void BL\_SpawnByBarcode(string SpawnBCode, Vector3 pos, Quaternion rotation)

**Parameters** 

SpawnBCode string

pos Vector3

rotation Quaternion

# Class API\_Input

```
Namespace: <u>LuaMod.LuaAPI</u>
Assembly: LuaMod.dll
```

public class API\_Input

Inheritance

object ← API\_Input

### **Fields**

#### Instance

```
public static readonly API_Input Instance
```

Field Value

**API\_Input** 

### **Methods**

BL\_IsAButtonDown()

```
public static bool BL_IsAButtonDown()
```

Returns

bool

### BL\_IsAButtonDownOnce()

```
public static bool BL_IsAButtonDownOnce()
```

#### Returns

bool

# BL\_IsAButtonUpOnce()

```
public static bool BL_IsAButtonUpOnce()
```

Returns

bool

### BL\_IsBButtonDown()

```
public static bool BL_IsBButtonDown()
```

Returns

bool

# BL\_IsBButtonDownOnce()

```
public static bool BL_IsBButtonDownOnce()
```

Returns

bool

### BL\_IsBButtonUpOnce()

```
public static bool BL_IsBButtonUpOnce()
```

Returns

### BL\_IsKeyDown(int)

```
public static bool BL_IsKeyDown(int keyCodeArg)
```

**Parameters** 

keyCodeArg int

Returns

bool

### BL\_IsXButtonDown()

```
public static bool BL_IsXButtonDown()
```

Returns

bool

### BL\_IsXButtonDownOnce()

```
public static bool BL_IsXButtonDownOnce()
```

Returns

bool

### BL\_IsXButtonUpOnce()

```
public static bool BL_IsXButtonUpOnce()
```

#### Returns

bool

### BL\_IsYButtonDown()

```
public static bool BL_IsYButtonDown()
```

Returns

bool

### BL\_IsYButtonDownOnce()

```
public static bool BL_IsYButtonDownOnce()
```

Returns

bool

# BL\_IsYButtonUpOnce()

```
public static bool BL_IsyButtonUpOnce()
```

Returns

bool

### BL\_LeftController\_IsGrabbed()

```
public static bool BL_LeftController_IsGrabbed()
```

Returns

### BL\_LeftHand()

```
public static GameObject BL_LeftHand()
```

Returns

GameObject

# BL\_LeftHandEmpty()

```
public static bool BL_LeftHandEmpty()
```

Returns

bool

# BL\_RightController\_IsGrabbed()

```
public static bool BL_RightController_IsGrabbed()
```

Returns

bool

### BL\_RightHand()

```
public static GameObject BL_RightHand()
```

Returns

GameObject

# BL\_RightHandEmpty()

public static bool BL\_RightHandEmpty()

Returns

bool

# Class API\_Particles

Namespace: <u>LuaMod</u>.<u>LuaAPI</u>

Assembly: LuaMod.dll

Lua-exposed API for working with Unity particle systems and trail segments.

```
public class API_Particles
```

#### Inheritance

object ← API\_Particles

#### Remarks

This API is experimental. Some functions may be unstable and cause crashes due to issues in the underlying engine or bindings.

### **Fields**

#### Instance

public static readonly API\_Particles Instance

Field Value

**API Particles** 

#### **Methods**

### BL\_GetParticles(ParticleSystem, int, int)

Attempts to retrieve particle data from a Unity ParticleSystem.

```
public static ParticleSystem.Particle[] BL_GetParticles(ParticleSystem system, int size,
int offset)
```

#### **Parameters**

#### system ParticleSystem

The ParticleSystem to extract particles from.

#### size int

The number of particles to retrieve.

#### offset int

The offset index to start reading particles.

#### Returns

#### Particle[]

An array of Particle objects if successful; null otherwise. Currently known to cause crashes.

#### Remarks

Calling this method will result in a crash to desktop (CTD). A bug report is open with the MelonLoader team.

### BL\_lineRenderer\_GetPositions(LineRenderer)

Attempts to retrieve line segment positions from a Unity LineRenderer.

```
public static DynValue BL_lineRenderer_GetPositions(LineRenderer LR)
```

#### **Parameters**

#### LR LineRenderer

The LineRenderer component to read from.

#### Returns

#### DynValue

DynValue containing the position data, or null if failed. Currently unstable.

### Remarks

Calling this method will result in a crash to desktop (CTD). A bug report is open with the MelonLoader team.

# CreateTrailSegmentArray(int)

public Vector3[] CreateTrailSegmentArray(int size)

Parameters

size int

Returns

Vector3[]

# Class API\_Physics

```
Namespace: <u>LuaMod</u>.<u>LuaAPI</u>
```

Assembly: LuaMod.dll

```
public class API_Physics
```

#### Inheritance

object ← API\_Physics

### **Fields**

#### Instance

```
public static readonly API_Physics Instance
```

Field Value

**API\_Physics** 

### **Methods**

BL\_BoxCast(Vector3, Vector3, Vector3, Quaternion, float, int)

```
public static DynValue BL_BoxCast(Vector3 center, Vector3 halfExtents, Vector3 direction,
Quaternion orientation, float maxDistance, int layerMask = -5)
```

**Parameters** 

center Vector3

halfExtents Vector3

direction Vector3

orientation Quaternion

maxDistance float

layerMask int

Returns

DynValue

### BL\_BoxCastAll(Vector3, Vector3, Vector3, Quaternion, float, int)

public static DynValue BL\_BoxCastAll(Vector3 center, Vector3 halfExtents, Vector3 direction,
Quaternion orientation, float maxDistance, int layerMask = -5)

**Parameters** 

center Vector3

halfExtents Vector3

direction Vector3

orientation Quaternion

maxDistance float

layerMask int

Returns

DynValue

## BL\_CapsuleCast(Vector3, Vector3, float, Vector3, float, int)

public static DynValue BL\_CapsuleCast(Vector3 point1, Vector3 point2, float radius, Vector3
direction, float maxDistance, int layerMask = -5)

**Parameters** 

point1 Vector3

point2 Vector3 radius float direction Vector3 maxDistance float layerMask int Returns DynValue BL\_CapsuleCastAll(Vector3, Vector3, float, Vector3, float, int) public static DynValue BL\_CapsuleCastAll(Vector3 point1, Vector3 point2, float radius, Vector3 direction, float maxDistance, int layerMask = -5) **Parameters** point1 Vector3 point2 Vector3 radius float direction Vector3 maxDistance float layerMask int Returns DynValue

## BL\_RayCast(Vector3, Vector3)

public static DynValue BL\_RayCast(Vector3 start\_pos, Vector3 end\_pos)

**Parameters** start\_pos Vector3 end\_pos Vector3 Returns DynValue BL\_RayCast(Vector3, Vector3, float) public static DynValue BL\_RayCast(Vector3 origin, Vector3 direction, float maxdistance = Infinity) **Parameters** origin Vector3 direction Vector3 maxdistance float Returns DynValue BL\_SphereCast(Vector3, Vector3, float) public static DynValue BL\_SphereCast(Vector3 start\_pos, Vector3 end\_pos, float radius) **Parameters** start\_pos Vector3

end pos Vector3

radius float

DynValue

### BL\_SphereCast(Vector3, Vector3, float, float)

```
public static DynValue BL_SphereCast(Vector3 origin, Vector3 direction, float radius,
float maxdistance)
```

#### **Parameters**

origin Vector3

direction Vector3

radius float

maxdistance float

#### Returns

DynValue

## BL\_SphereCastAll(Vector3, float, Vector3, float, int)

```
public static DynValue BL_SphereCastAll(Vector3 origin, float radius, Vector3 direction,
float maxDistance, int layerMask = -5)
```

#### **Parameters**

origin Vector3

radius float

direction Vector3

maxDistance float

layerMask int

DynValue

## BL\_SphereCastAll(Vector3, Vector3, float, int)

```
public static DynValue BL_SphereCastAll(Vector3 start_pos, Vector3 end_pos, float radius,
int layerMask = -5)
```

Parameters

start\_pos Vector3

end\_pos Vector3

radius float

layerMask int

Returns

DynValue

# Class API\_Player

```
Namespace: <u>LuaMod.LuaAPI</u>
Assembly: LuaMod.dll
```

```
public class API_Player
```

#### Inheritance

object ← API\_Player

### **Fields**

#### Instance

```
public static readonly API_Player Instance
```

### Field Value

**API\_Player** 

## **Methods**

BL\_GetAvatar()

```
public static Avatar BL_GetAvatar()
```

### Returns

**Avatar** 

## BL\_GetAvatarCenter()

```
public static DynValue BL_GetAvatarCenter()
```

DynValue

# BL\_GetAvatarGameObject()

```
public static GameObject BL_GetAvatarGameObject()
```

Returns

GameObject

## BL\_GetControllerRig()

```
public static ControllerRig BL_GetControllerRig()
```

Returns

ControllerRig

## BL\_GetPhysicsRig()

```
public static PhysicsRig BL_GetPhysicsRig()
```

Returns

PhysicsRig

## BL\_PlayerHealth()

```
public static Health BL_PlayerHealth()
```

Returns

## BL\_SetAvatarPosition(Vector3, bool)

public static bool BL\_SetAvatarPosition(Vector3 pos, bool zeroVelocity = true)
Parameters

pos Vector3

zeroVelocity bool

Returns

bool

## BL\_SetAvatarPosition(Vector3, Vector3, bool)

public static bool BL\_SetAvatarPosition(Vector3 pos, Vector3 fwd, bool zeroVelocity = true)

**Parameters** 

pos Vector3

fwd Vector3

zeroVelocity bool

Returns

bool

# Class API\_Random

```
Namespace: <u>LuaMod,LuaAPI</u>
Assembly: LuaMod.dll

public class API_Random

Inheritance

object ← API_Random
```

## **Fields**

#### Instance

```
public static readonly API_Random Instance
```

Field Value

**API\_Random** 

# **Properties**

### Seed

```
public int Seed { get; set; }
```

Property Value

int

## **Methods**

Bool()

```
public bool Bool()
Returns
bool
GetState()
 public Random.State GetState()
Returns
Random.State
InitState(int)
 public void InitState(int seed)
Parameters
seed int
InsideUnitCircle()
 public Vector2 InsideUnitCircle()
Returns
Vector2
```

# InsideUnitSphere()

```
public Vector3 InsideUnitSphere()
Returns
Vector3
OnUnitSphere()
 public Vector3 OnUnitSphere()
Returns
Vector3
RangeFloat(float, float)
 public float RangeFloat(float min, float max)
Parameters
min float
max float
Returns
float
RangeInt(int, int)
 public int RangeInt(int min, int max)
```

### Parameters

min int

```
max int
```

int

## Rotation()

```
public Quaternion Rotation()
```

### Returns

Quaternion

# RotationUniform()

```
public Quaternion RotationUniform()
```

### Returns

Quaternion

## SetState(State)

```
public void SetState(Random.State state)
```

#### **Parameters**

state Random.State

## Value()

```
public float Value()
```

float

# Class API\_Renderer

Namespace: LuaMod.LuaAPI

Assembly: LuaMod.dll

Lua-exposed API for modifying MeshRenderer materials. Supports getting, setting, and replacing materials from Lua scripts.

```
[MoonSharpUserData]
public class API_Renderer
```

#### Inheritance

object ← API\_Renderer

### **Fields**

### Instance

Singleton instance of the API\_Renderer class.

```
public static readonly API_Renderer Instance
```

Field Value

**API** Renderer

## **Methods**

## BL\_GetAllMaterials(Script, MeshRenderer)

Gets all materials on the MeshRenderer as a Lua table.

```
public static Table BL_GetAllMaterials(Script script, MeshRenderer renderer)
```

**Parameters** 

script Script renderer MeshRenderer Returns Table BL\_GetMaterialAt(MeshRenderer, int) Gets the material at the specified index (zero-based). public static DynValue BL\_GetMaterialAt(MeshRenderer renderer, int index) **Parameters** renderer MeshRenderer index int Returns DynValue BL\_GetMaterialCount(MeshRenderer) Returns the number of materials on the given MeshRenderer. public static int BL\_GetMaterialCount(MeshRenderer renderer) **Parameters** renderer MeshRenderer Returns

int

## BL\_SetAllMaterials(MeshRenderer, Table)

Sets all materials on the MeshRenderer using a Lua table.

public static void BL\_SetAllMaterials(MeshRenderer renderer, Table matTable)

### **Parameters**

renderer MeshRenderer

matTable Table

### BL\_SetMaterialAt(MeshRenderer, int, Material)

Sets the material at the specified index (zero-based).

public static void BL\_SetMaterialAt(MeshRenderer renderer, int index, Material mat)

### **Parameters**

renderer MeshRenderer

index int

mat Material

# Class API\_SLZ\_Combat

```
Namespace: <u>LuaMod.LuaAPI</u>
Assembly: LuaMod.dll

public class API_SLZ_Combat
```

#### Inheritance

object ← API\_SLZ\_Combat

### **Fields**

#### Instance

```
public static readonly API_SLZ_Combat Instance
```

Field Value

**API SLZ Combat** 

### **Methods**

ApplyForce(Rigidbody, Vector3, Vector3, float)

```
public static bool ApplyForce(Rigidbody rb, Vector3 pos, Vector3 normal, float force)
```

**Parameters** 

**rb** Rigidbody

pos Vector3

normal Vector3

force float

bool

## BL\_AttackEnemy(GameObject, float, Collider, Vector3, Vector3)

public static bool BL\_AttackEnemy(GameObject obj, float damage, Collider col, Vector3 pos, Vector3 normal)

### Parameters

obj GameObject

damage float

col Collider

pos Vector3

normal Vector3

Returns

bool

# Class API\_SLZ\_NPC

```
Namespace: LuaMod.LuaAPI
Assembly: LuaMod.dll

public class API_SLZ_NPC
```

#### Inheritance

object ← API\_SLZ\_NPC

### **Fields**

#### Instance

```
public static readonly API_SLZ_NPC Instance
```

Field Value

**API SLZ NPC** 

### **Methods**

BL\_CalculatePath(Vector3, Vector3, int)

```
public static NavMeshPath BL_CalculatePath(Vector3 start_pos, Vector3 end_pos, int areaMask
= -1)
```

### Parameters

```
start_pos Vector3
```

end\_pos Vector3

areaMask int

NavMeshPath

## BL\_SamplePosition(Vector3, float, int)

```
public static Vector3? BL_SamplePosition(Vector3 position, float maxDistance, int areaMask
= -1)
```

**Parameters** 

position Vector3

maxDistance float

areaMask int

Returns

Vector3?

## BL\_SetNPCAnger(GameObject, GameObject)

public bool BL\_SetNPCAnger(GameObject NPC, GameObject Target)

**Parameters** 

**NPC** GameObject

Target GameObject

Returns

bool

# Class API\_SLZ\_VoidLogic

Namespace: <u>LuaMod.LuaAPI</u>

Assembly: LuaMod.dll

```
public class API_SLZ_VoidLogic
```

#### Inheritance

object ← API\_SLZ\_VoidLogic

### **Fields**

#### Instance

```
public static readonly API_SLZ_VoidLogic Instance
```

Field Value

API\_SLZ\_VoidLogic

### **Methods**

BL\_SetMarrowEntityPoseDectoratorPose(MarrowEntityPoseDecorator, string)

```
public static bool BL_SetMarrowEntityPoseDectoratorPose(MarrowEntityPoseDecorator posedec,
string barcode)
```

### **Parameters**

posedec MarrowEntityPoseDecorator

barcode string

Returns

# Class API\_Utils

```
Namespace: <u>LuaMod.LuaAPI</u>
Assembly: LuaMod.dll
```

```
public class API_Utils
```

#### Inheritance

object ← API\_Utils

### **Fields**

#### Instance

```
public static readonly API_Utils Instance
```

Field Value

**API\_Utils** 

### **Methods**

BL\_AppendToArray(object, string, object)

```
public static void BL_AppendToArray(object target, string fieldName, object value)
```

**Parameters** 

target object

fieldName string

value object

## BL\_CollectionLength(ICollection)

index int

```
public static int BL_CollectionLength(ICollection collection)
Parameters
collection ICollection
Returns
int
BL_ConvertObjectToType(Object, string)
 public static DynValue BL_ConvertObjectToType(Object obj, string CompType)
Parameters
obj Object
CompType string
Returns
DynValue
BL_GetArrayElement(object, string, int)
 public static DynValue BL_GetArrayElement(object target, string fieldName, int index)
Parameters
target object
fieldName string
```

DynValue

## BL\_GetBarcode(GameObject)

```
public static string BL_GetBarcode(GameObject gameObject)
```

**Parameters** 

gameObject GameObject

Returns

string

## BL\_GetSceneName()

```
public static string BL_GetSceneName()
```

Returns

string

## BL\_SetArrayElement(object, string, int, object)

```
public static void BL_SetArrayElement(object target, string fieldName, int index,
object value)
```

**Parameters** 

target object

fieldName string

index int

# RemoveDoubleSlashes(string)

public static string RemoveDoubleSlashes(string input)

Parameters

input string

Returns

string

# Class API\_Vector

```
Namespace: <u>LuaMod.LuaAPI</u>
Assembly: LuaMod.dll

public class API_Vector

Inheritance

object ← API_Vector
```

## **Fields**

#### Instance

```
public static readonly API_Vector Instance
```

Field Value

**API\_Vector** 

## **Methods**

```
BL_Vector3(float, float, float)
```

```
public static Vector3 BL_Vector3(float x, float y, float z)
```

### **Parameters**

- x float
- y float
- **z** float

#### Returns

## Class BLFileAccess

Namespace: <u>LuaMod</u>, <u>LuaAPI</u>

Assembly: LuaMod.dll

public class BLFileAccess

#### Inheritance

object ← BLFileAccess

### **Constructors**

## BLFileAccess(string)

public BLFileAccess(string name)

**Parameters** 

name string

### **Fields**

### currentLineNumber

protected int currentLineNumber

Field Value

int

## relativeFileName

protected string relativeFileName

### Field Value

string

# **Properties**

### LineNumber

```
public int LineNumber { get; set; }
```

Property Value

int

## **Methods**

## Close()

```
public void Close()
```

## ReadLine()

```
public string ReadLine()
```

Returns

string

## ReadToEnd()

```
public string ReadToEnd()
```

Returns

# Write(string, bool)

```
public bool Write(string contents, bool append)
```

**Parameters** 

contents string

append bool

Returns

bool

# WriteLine(string, bool)

public bool WriteLine(string line, bool append)

**Parameters** 

line string

append bool

Returns

bool

# **Struct EventListner**

Namespace: <u>LuaMod.LuaAPI</u>

Assembly: LuaMod.dll

public struct EventListner

### **Fields**

## function

public string function

Field Value

string

#### owner

public LuaBehaviour owner

Field Value

**LuaBehaviour**