API Documentation / com.absence.variablebanks

Namespace com.absence.variablebanks

Classes

FixedVariableComparer

Comparer with a fixed bank.

FixedVariableSetter

Setter with a fixed bank.

VariableBankAcquirer

A component to reference banks both in editor and runtime.

VariableBankManager

The static class responsible for wrapping internal functions into simpler ones.

VariableBankReference

The class responsible for letting you reference a `com.absence.variablesystem.VariableBank` both in editor and in runtime. You can use the `com.absence.variablesystem.VariableBank` class directly if the bank you are referencing is marked as `com.absence.variablesystem.VariableBank.ForExternalUse`. For more information, read the docs.

VariableComparer

Comparer with a dynamic bank you select in editor.

VariableSetter

Setter with a dynamic bank you select in the editor.

Edit this page

Class FixedVariableComparer

Comparer with a fixed bank.

Inheritance

↳ object
  ↳ BaseVariableComparer
    ↳ FixedVariableComparer

Inherited Members

BaseVariableComparer.GetResult()

Namespace: **com.absence.variablebanks**

Assembly: Assembly-CSharp-firstpass.dll

Syntax

```
[Serializable]
public sealed class FixedVariableComparer : BaseVariableComparer
```

Properties

HasFixedBank

Declaration

```
public override bool HasFixedBank { get; }
```

Property Value

TYPE
bool

Overrides

com.absence.variablesystem.BaseVariableComparer.HasFixedBank

Methods

Clone()

Use to clone this comparer.

Declaration

```
public FixedVariableComparer Clone()
```

Returns

TYPE	DESCRIPTION
FixedVariableComparer	The clone.

Clone(string)

Use to clone this comparer.

Declaration

```
public FixedVariableComparer Clone(string overrideBankGuid)
```

Parameters

TYPE	NAME	DESCRIPTION
string	overrideBankGuid	Guid for a new bank.

Returns

TYPE	DESCRIPTION
FixedVariableComparer	The clone.

GetRuntimeBank()

Declaration

```
protected override VariableBank GetRuntimeBank()
```

Returns

TYPE
VariableBank

Overrides

com.absence.variablesystem.BaseVariableComparer.GetRuntimeBank()

SetFixedBank(string)

Use to set the fixed bank of this fixed comparer.

Declaration

```
public void SetFixedBank(string fixedBankGuid)
```

Parameters

TYPE	NAME	DESCRIPTION
string	fixedBankGuid	Guid for the fixed bank.

Class FixedVariableSetter

Setter with a fixed bank.

Inheritance

↳ object
  ↳ BaseVariableSetter
    ↳ FixedVariableSetter

Inherited Members

BaseVariableSetter.Perform()

Namespace: **com.absence.variablebanks**

Assembly: Assembly-CSharp-firstpass.dll

Syntax

```
[Serializable]
public sealed class FixedVariableSetter : BaseVariableSetter
```

Properties

HasFixedBank

Declaration

```
public override bool HasFixedBank { get; }
```

Property Value

TYPE
bool

Overrides

com.absence.variablesystem.BaseVariableSetter.HasFixedBank

Methods

Clone()

Use to clone this setter.

Declaration

```
public FixedVariableSetter Clone()
```

Returns

TYPE	DESCRIPTION
FixedVariableSetter	The clone.

Clone(string)

Use to clone this setter.

Declaration

```
public FixedVariableSetter Clone(string overrideBankGuid)
```

Parameters

TYPE	NAME	DESCRIPTION
string	overrideBankGuid	Guid for a new bank.

Returns

TYPE	DESCRIPTION
FixedVariableSetter	The clone.

GetRuntimeBank()

Declaration

```
protected override VariableBank GetRuntimeBank()
```

Returns

TYPE
VariableBank

Overrides

com.absence.variablesystem.BaseVariableSetter.GetRuntimeBank()

SetFixedBank(string)

Use to set the fixed bank of this fixed setter.

Declaration

```
public void SetFixedBank(string fixedBankGuid)
```
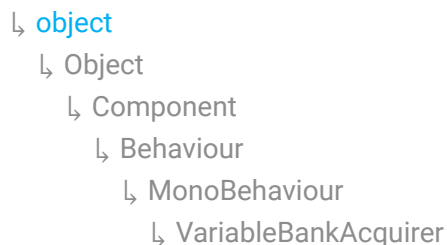
Parameters

TYPE	NAME	DESCRIPTION
string	fixedBankGuid	Guid for the fixed bank.

Edit this page

Class VariableBankAcquirer

A component to reference banks both in editor and runtime.

Inheritance

↳ object
  ↳ Object
    ↳ Component
      ↳ Behaviour
        ↳ MonoBehaviour
          ↳ VariableBankAcquirer

Namespace: **com.absence.variablebanks**

Assembly: Assembly-CSharp-firstpass.dll

Syntax

```
public class VariableBankAcquirer : MonoBehaviour
```

Properties

Bank

Use to get clone of the referenced bank. **Runtime only.**

Declaration

```
public VariableBank Bank { get; }
```

Property Value

TYPE
VariableBank

TargetGuid

Use to get the Guid of the referenced bank.

Declaration

```
public string TargetGuid { get; }
```

Property Value

TYPE
string

Class VariableBankManager

The static class responsible for wrapping internal functions into simpler ones.

Inheritance

↳ object
　↳ VariableBankManager

Namespace: com.absence.variablebanks

Assembly: Assembly-CSharp-firstpass.dll

Syntax

```
public static class VariableBankManager
```

Methods

GetInstance(string)

Use to get a clone bank with a specific Guid.

Declaration

```
public static VariableBank GetInstance(string withGuid)
```

Parameters

TYPE	NAME	DESCRIPTION
string	withGuid	Target guid.

Returns

TYPE	DESCRIPTION
VariableBank	The clone bank.

Edit this page

Class VariableBankReference

The class responsible for letting you reference a `com.absence.variablesystem.VariableBank` both in editor and in runtime. You can use the `com.absence.variablesystem.VariableBank` class directly if the bank you are referencing is marked as `com.absence.variablesystem.VariableBank.ForExternalUse`. For more information, read the docs.

Inheritance

↳ object
  ↳ VariableBankReference

Namespace: com.absence.variablebanks

Assembly: Assembly-CSharp-firstpass.dll

Syntax

```
[Serializable]
public class VariableBankReference
```

Properties

Bank

Use to get the bank referenced. **Runtime only.**

Declaration

```
public VariableBank Bank { get; }
```

Property Value

TYPE
VariableBank

TargetGuid

Use to get the referenced bank's Guid. Returns an empty string if no banks referenced.

Declaration

```
public string TargetGuid { get; }
```

Property Value

TYPE
string

Edit this page

Class VariableComparer

Comparer with a dynamic bank you select in editor.

Inheritance

↳ object
  ↳ BaseVariableComparer
    ↳ VariableComparer

Inherited Members

BaseVariableComparer.GetResult()

Namespace: **com.absence.variablebanks**

Assembly: Assembly-CSharp-firstpass.dll

Syntax

```
[Serializable]
public sealed class VariableComparer : BaseVariableComparer
```

Properties

HasFixedBank

Declaration

```
public override bool HasFixedBank { get; }
```

Property Value

TYPE
bool

Overrides

com.absence.variablesystem.BaseVariableComparer.HasFixedBank

Methods

Clone()

Use to clone this comparer.

Declaration

```
public VariableComparer Clone()
```

Returns

TYPE	DESCRIPTION
VariableComparer	The clone.

Clone(string)

Use to clone this comparer.

Declaration

```
public VariableComparer Clone(string overrideBankGuid)
```

Parameters

TYPE	NAME	DESCRIPTION
string	overrideBankGuid	Guid for a new bank.

Returns

TYPE	DESCRIPTION
VariableComparer	The clone.

GetRuntimeBank()

Declaration

```
protected override VariableBank GetRuntimeBank()
```

Returns

TYPE
VariableBank

Overrides

com.absence.variablesystem.BaseVariableComparer.GetRuntimeBank()

SetBankGuid(string)

Set this comparer's target bank Guid.

Declaration

```
public void SetBankGuid(string newBankGuid)
```

Parameters

TYPE	NAME	DESCRIPTION
string	newBankGuid	New Guid.

Edit this page

Class VariableSetter

Setter with a dynamic bank you select in the editor.

Inheritance

↳ object
   ↳ BaseVariableSetter
     ↳ VariableSetter

Inherited Members

BaseVariableSetter.Perform()

Namespace: **com.absence.variablebanks**

Assembly: Assembly-CSharp-firstpass.dll

Syntax

```
[Serializable]
public sealed class VariableSetter : BaseVariableSetter
```

Properties

HasFixedBank

Declaration

```
public override bool HasFixedBank { get; }
```

Property Value

TYPE
bool

Overrides

com.absence.variablesystem.BaseVariableSetter.HasFixedBank

Methods

Clone()

Use to clone this setter.

Declaration

```
public VariableSetter Clone()
```

Returns

TYPE	DESCRIPTION
VariableSetter	The clone.

Clone(string)

Use to clone this setter.

Declaration

```
public VariableSetter Clone(string overrideBankGuid)
```

Parameters

TYPE	NAME	DESCRIPTION
string	overrideBankGuid	Guid for a new bank.

Returns

TYPE	DESCRIPTION
VariableSetter	The clone.

GetRuntimeBank()

Declaration

```
protected override VariableBank GetRuntimeBank()
```

Returns

TYPE
VariableBank

Overrides

com.absence.variablesystem.BaseVariableSetter.GetRuntimeBank()

SetBankGuid(string)

Set this setter's target bank Guid.

Declaration

```
public void SetBankGuid(string newBankGuid)
```

Parameters

TYPE	NAME	DESCRIPTION
string	newBankGuid	New Guid.

Namespace com.absence.variablebanks.editor

Classes

VariableBankAcquirerCustomEditor

A custom editor script for `VariableBankAcquirer`.

VariableBankCreationHandler

The static class responsible for handling variable bank creation via editor menu.

VariableBankReferencePropertyDrawer

A custom property drawer script for `VariableBankReferencePropertyDrawer`.

Edit this page

Class VariableBankAcquirerCustomEditor

A custom editor script for `VariableBankAcquirer` .

Inheritance

↳ object
   ↳ Object
      ↳ ScriptableObject
         ↳ Editor
            ↳ VariableBankAcquirerCustomEditor

Inherited Members

Editor.SaveChanges()

Editor.DiscardChanges()

Editor.CreateEditorWithContext(Object[], Object, Type)

Editor.CreateEditorWithContext(Object[], Object)

Editor.CreateCachedEditorWithContext(Object, Object, Type, ref Editor)

Editor.CreateCachedEditorWithContext(Object[], Object, Type, ref Editor)

Editor.CreateCachedEditor(Object, Type, ref Editor)

Editor.CreateCachedEditor(Object[], Type, ref Editor)

Editor.CreateEditor(Object)

Editor.CreateEditor(Object, Type)

Editor.CreateEditor(Object[])

Editor.CreateEditor(Object[], Type)

Editor.DrawPropertiesExcluding(SerializedObject, params string[])

Editor.DrawDefaultInspector()

Editor.Repaint()

Editor.CreateInspectorGUI()

Editor.RequiresConstantRepaint()

Editor.DrawHeader()

Editor.OnHeaderGUI()

Editor.ShouldHideOpenButton()

Editor.DrawFoldoutInspector(Object, ref Editor)

Editor.HasPreviewGUI()

Editor.GetPreviewTitle()

Editor.RenderStaticPreview(string, Object[], int, int)

Editor.OnPreviewGUI(Rect, GUIStyle)

Editor.OnInteractivePreviewGUI(Rect, GUIStyle)

Editor.OnPreviewSettings()

Editor.GetInfoString()

Editor.DrawPreview(Rect)

Editor.ReloadPreviewInstances()

Editor.UseDefaultMargins()

Editor.MoveNextTarget()

Editor.ResetTarget()

Editor.hasUnsavedChanges

Editor.saveChangesMessage

Editor.target

Editor.targets

Editor.serializedObject

Editor.finishedDefaultHeaderGUI

ScriptableObject.SetDirty()

ScriptableObject.CreateInstance(string)

ScriptableObject.CreateInstance(Type)

ScriptableObject.CreateInstance<T>()

Namespace: com.absence.variablebanks.editor

Assembly: Assembly-CSharp-Editor-firstpass.dll

Syntax

```
[CustomEditor(typeof(VariableBankAcquirer), true)]
public class VariableBankAcquirerCustomEditor : Editor
```

Methods

OnInspectorGUI()

Implement this function to make a custom inspector.

Declaration

```
public override void OnInspectorGUI()
```

Overrides

UnityEditor.Editor.OnInspectorGUI()

API Documentation / com.absence.variablebanks.editor / VariableBankCreationHandler

Class VariableBankCreationHandler

The static class responsible for handling variable bank creation via editor menu.

Inheritance

↳ object

  ↳ VariableBankCreationHandler

Namespace: com.absence.variablebanks.editor

Assembly: Assembly-CSharp-Editor-firstpass.dll

Syntax

```
public static class VariableBankCreationHandler
```

Class VariableBankReferencePropertyDrawer

A custom property drawer script for `VariableBankReferencePropertyDrawer`.

Inheritance

↳ object
  ↳ GUIDrawer
    ↳ PropertyDrawer
      ↳ VariableBankReferencePropertyDrawer

Inherited Members

PropertyDrawer.CreatePropertyGUI(SerializedProperty)
PropertyDrawer.CanCacheInspectorGUI(SerializedProperty)
PropertyDrawer.attribute
PropertyDrawer.fieldInfo
PropertyDrawer.preferredLabel

Namespace: **com.absence.variablebanks.editor**

Assembly: Assembly-CSharp-Editor-firstpass.dll

Syntax

```
[CustomPropertyDrawer(typeof(VariableBankReference), true)]
public class VariableBankReferencePropertyDrawer : PropertyDrawer
```

Methods

GetPropertyHeight(SerializedProperty, GUIContent)

Override this method to specify how tall the GUI for this field is in pixels.

Declaration

```
public override float GetPropertyHeight(SerializedProperty property, GUIContent label)
```

Parameters

TYPE	NAME	DESCRIPTION
SerializedProperty	property	The SerializedProperty to make the custom GUI for.
GUIContent	label	The label of this property.

Returns

TYPE	DESCRIPTION
float	The height in pixels.

Overrides

UnityEditor.PropertyDrawer.GetPropertyHeight(UnityEditor.SerializedProperty, UnityEngine.GUIContent)

OnGUI(Rect, SerializedProperty, GUIContent)

Override this method to make your own IMGUI based GUI for the property.

Declaration

```
public override void OnGUI(Rect position, SerializedProperty property, GUIContent label)
```

Parameters

TYPE	NAME	DESCRIPTION
Rect	position	Rectangle on the screen to use for the property GUI.
SerializedProperty	property	The SerializedProperty to make the custom GUI for.
GUIContent	label	The label of this property.

Overrides

UnityEditor.PropertyDrawer.OnGUI(UnityEngine.Rect, UnityEditor.SerializedProperty, UnityEngine.GUIContent)

API Documentation / com.absence.variablebanks.internals

Namespace com.absence.variablebanks.internals

Classes

Constants

The static class responsible for holding the constants variables of the package.

VariableBanksCloningHandler

The static class responsible for cloning the banks at startup.

Class Constants

The static class responsible for holding the constants variables of the package.

Inheritance

↳ object
  ↳ Constants

Namespace: com.absence.variablebanks.internals

Assembly: Assembly-CSharp-firstpass.dll

Syntax

```
public static class Constants
```

Fields

K_ADDRESSABLES_TAG

The addressables label of variable banks if you're using **Addressables** as the asset management tool.

Declaration

```
public const string K_ADDRESSABLES_TAG = "variable-banks"
```

Field Value

TYPE
string

K_RESOURCES_PATH

The resources path of variable banks if you're using **Resources API** as the asset management tool.

Declaration

```
public const string K_RESOURCES_PATH = "VariableBanks"
```

Field Value

TYPE

string

Class VariableBanksCloningHandler

The static class responsible for cloning the banks at startup.

Inheritance

↳ object

   ↳ VariableBanksCloningHandler

Namespace: **com.absence.variablebanks.internals**

Assembly: Assembly-CSharp-firstpass.dll

Syntax

```
public static class VariableBanksCloningHandler
```

Properties

CloningCompleted

Use to check if the cloning process got completed successfully.

Declaration

```
public static bool CloningCompleted { get; }
```

Property Value

TYPE
bool

Methods

AddCloningCompleteCallbackOrInvoke(Action)

Adds the action passed to `OnCloningCompleted` if the cloning process is not ended yet. If it is ended already, the action passed gets invoked instantly.

Declaration

```
public static bool AddCloningCompleteCallbackOrInvoke(Action callbackContext)
```

Parameters

TYPE	NAME
Action	callbackContext

Returns

TYPE
bool

Events

OnCloningCompleted

Action which will get invoked when cloning process gets completed successfully. It gets cleared automatically after invoking.

Declaration

```
public static event Action OnCloningCompleted
```

Event Type

TYPE
Action

Namespace com.absence.variablebanks.testing

Classes

Varcaster

[Edit this page](#)

Class Varcaster

Inheritance

↳ object
  ↳ Object
    ↳ Component
      ↳ Behaviour
        ↳ MonoBehaviour
          ↳ Varcaster
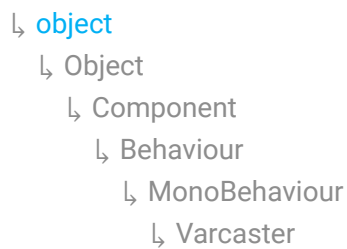
Namespace: **com.absence.variablebanks.testing**

Assembly: Assembly-CSharp-firstpass.dll

Syntax

```
public class Varcaster : MonoBehaviour
```