UI Framework

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1. Quick Start

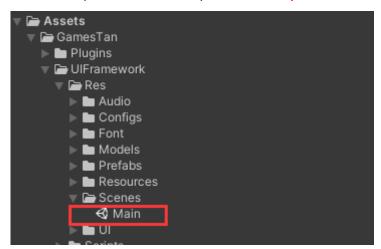
1. Install TextMeshPro

Open "Window/Package Manager" Install TextMeshPro

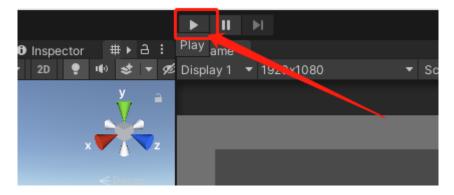


2. Open scene

"Assets/GamesTan/SuperScrollRect/Examples/Main.unity"



3. Click "Play" button ,and you will see the demo

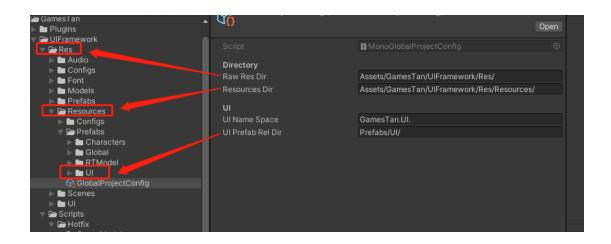


4. All Green Buttons can open some window, try to click them.



2. Start To Use

1. Config Project setting



Raw Res Dir	Project global resource directory
	(include all resource)
Resources Dir	Resources Directory (where code can direct load)
	Anything that can be load from ResourceManager should be in this directory or it's
	child directory
UI Prefab Rel Dir	The Directory which UI prefab putted into
	UI Full path = ResourcesDir + UIPrefabRelDir
	In this demo: "Assets/GamesTan/UIFramework/Res/Resources/Prefabs/UI/"
UI Namespace	UI script's namespace (used to bind with prefab by framework)

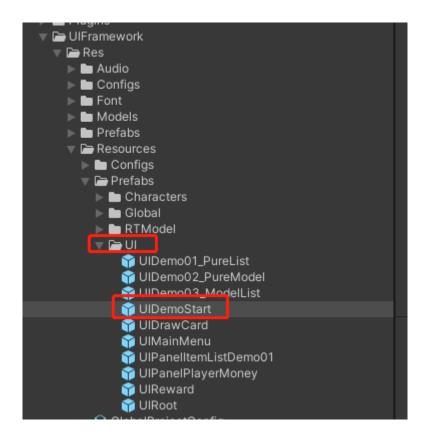
2. How to add a new window

1. Create a Prefab

Create a prefab (eg: "UIDemoStart") in directory

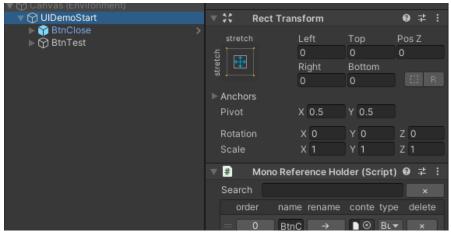
 $({\sf GlobalProjectConfig.\,ResourcesDir} + {\sf GlobalProjectConfig.UIPrefabRelDir})$

"Assets/GamesTan/UIFramework/Res/Resources/Prefabs/UI/"



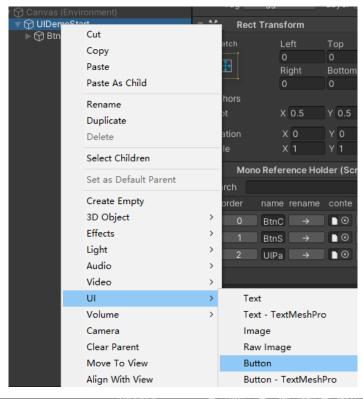
2. Attach Script

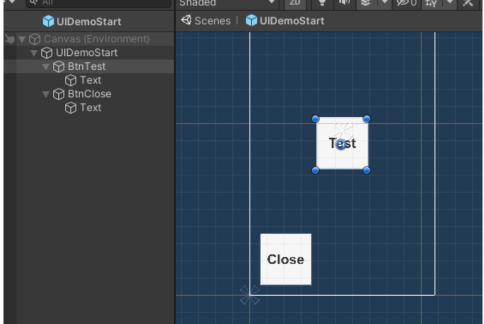
Make sure it has a " MonoReferenceHolder" script



3. Create some UI elements

In demo : we create 2 button , "BtnClose" and "BtnTest"





4. Define UI Instantiate info

Define a "WindowCreateInfo" object in file "UIDefine.cs"

```
Game.View) UI) Core | C# UIDefine.cs | C# EGameEvent.cs × C# UIPanelPlayerMoney.cs × C# UIManager.cs × C# BaseUIManager.cs × C# D# BaseUIManager.cs × C# BaseUIManager.cs × C# BaseUIManager.cs × C# BaseUIManager.cs × C# D# BaseUIManager.cs × C# D# BaseUIManager.cs × C# D# BaseUIManager.cs × C# D# BaseUIManager.cs
```

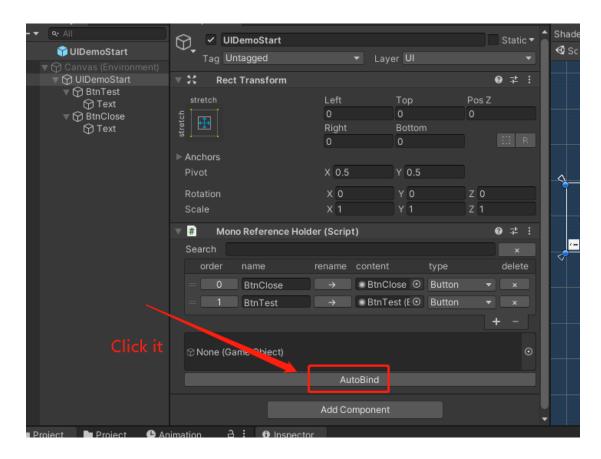
5. Create a Script (script's name has to be the same as prefab's name)

Create a script "UIDemoStart.cs"

```
fine.cs × C# EGameEvent.cs × C# UIDemoStart.cs × C# UIPanePlayerMoney.cs × C# UIManager.cs × C# BaseUIManager.cs × C# UIDanager.cs × C#
```

6. Auto Bind Reference

Click "MonoReferenceHolder" component's "AutoBind" button



7. Open UI by scirpt

Use script to open the window wherever you want

```
Oefine.cs × C# EGameEvent.cs × C# UIMainMenu.cs × C# UIDemoStart.cs × C# UIF

modifying a script while Unity Editor is being in Play Mode. This can lead to a loss of the semodifying a script while Unity Editor is being in Play Mode. This can lead to a loss of the semodifying a script while Unity Editor is being in Play Mode. This can lead to a loss of the semodifying a script while Unity Editor is being in Play Mode. This can lead to a loss of the semodifying a script while Unity Editor is being in Play Mode. This can lead to a loss of the semodifying a script while Unity Editor is being in Play Mode. This can lead to a loss of the semodifying a script while Unity Editor is being in Play Mode. This can lead to a loss of the semodifying a script while Unity Editor is being in Play Mode. This can lead to a loss of the semodifying a script while Unity Editor is being in Play Mode. This can lead to a loss of the semodifying a script while Unity Editor is being in Play Mode. This can lead to a loss of the semodifying a script while Unity Editor is being in Play Mode. This can lead to a loss of the semodifying a script while Unity Editor is being in Play Mode. This can lead to a loss of the semodifying a script while Unity Editor is being in Play Mode. This can lead to a loss of the semodifying a script while Unity Editor is being in Play Mode. This can lead to a loss of the semodifying a script while Unity Editor is being in Play Mode. This can lead to a loss of the semodifying a script while Unity Editor is Debug. Unit
```

A. Run and Click the button



3. Script API

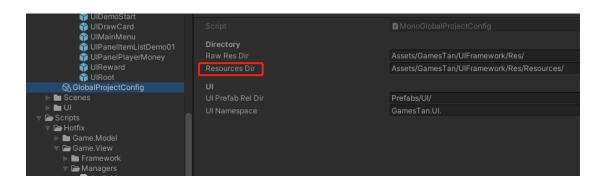
1. Asset Management

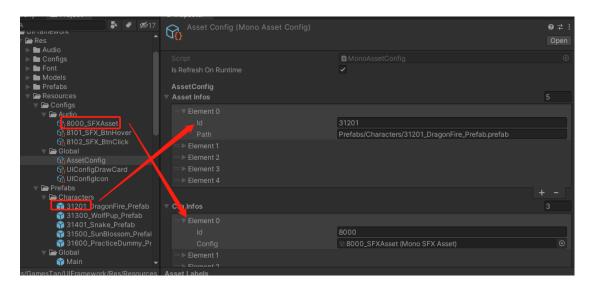
1. Naming rule

ConfigDir = GlobalProjectConfig .ResourcesDir + "/Configs" **PrefabDir** = GlobalProjectConfig .ResourcesDir + "/Prefabs"

Any Prefab in directory **PrefabDir** or any ScriptableObject in directory **PrefabDir** whose name match the rule (AssetId + "_" + AssetName)

would be added to AssetConfig automatically, and can be loaded by **ResourceManager** with **AssetId**





2. LoadConfig

```
Eg: AssetId = 8000 and AssetName = TestAsset
8000_TestAsset.assetYou can load the config using the code below:
```

```
var config = ResourceManager.Instance.LoadConfig<ScriptableObject>( assetId: 8000);
```

3. Load Prefab & Instance Prefab

```
Eg: AssetId = 31201 and AssetName = DragonFire_Prefab 31201_DragonFire_Prefab.prefab
```

You can load or instantiate the prefab using the code below:

```
// Load prefab then instantiate it
var prefab :GameObject = ResourceManager.Instance.LoadPrefab( assetId: 31201);
var goFab :GameObject = GameObject.Instantiate(prefab);

// Instantiate Prefab directly
var go :GameObject = ResourceManager.Instance.Instantiate( assetId: 31201);
```

1. Naming Rule

a) Id + "_" + AnyAssetName eg: 8001_SFXBtnHover

```
🗀 UIFramework
🔻 油 Res
  Audio
  Configs
  ▶ ■ Font
  ▶ ■ Models
  ▶ ■ Prefabs

▼ Resources

▼ Configs

      🔻 🗁 Audio
          8000_SFXAsset
          8101_SFX_BtnHover
          8102 SFX_BtnClick
      Global

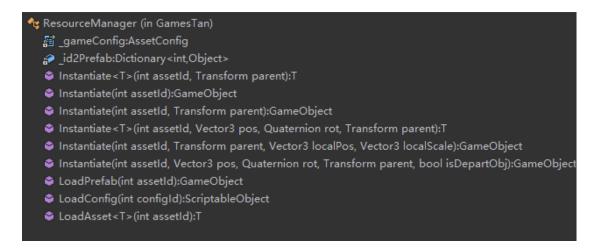
▼ Prefabs

▼ Characters

          31201_DragonFire_Prefab
          31300_WolfPup_Prefab
          😭 31401_Snake_Prefab
          31500_SunBlossom_Prefab
          31600 PracticeDummy_Prefab
      🔻 🗁 Global
```

2. API

1. ResourceManager API



Instantiate	Initialize a prefab by Id
LoadPrefab	Load Prefab by Id
LoadAsset	Load Any Type Asset by Id
LoadConfig	Load ScriptableObject by Id

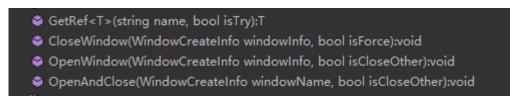
2. UIBaseWindow API

Lifecycle:

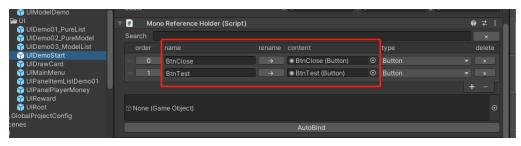


DoAwake	Called when window is opened
DoStart	Called after DoAwake when window is opened
OnClose	Called when the window was closed

API:



GetRef	Get object reference in component "MonoReferenceHold"
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CloseWindow	Close the window defined in UIDefine
OpenWindow	Open the window defined in UIDefine
OpenAndClose	Open the window defined in UIDefine and close self

3. Features

1. ScrollView

See demo script "UIDemo01_PureList.cs"

2. UIModel

See demo script "UIDemo02_PureModel.cs"

3. Sub Panel

See demo script "UIDemo04_MutilSubPanel.cs"