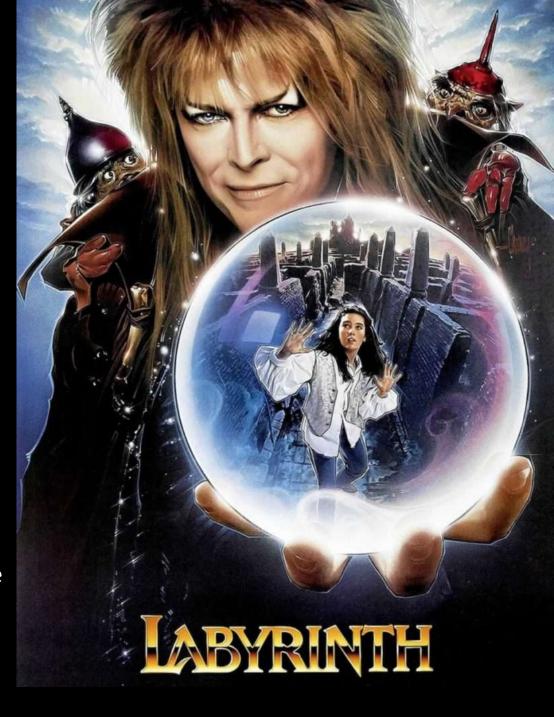
Google Cardboard VR Game: Inside the Labyrinth

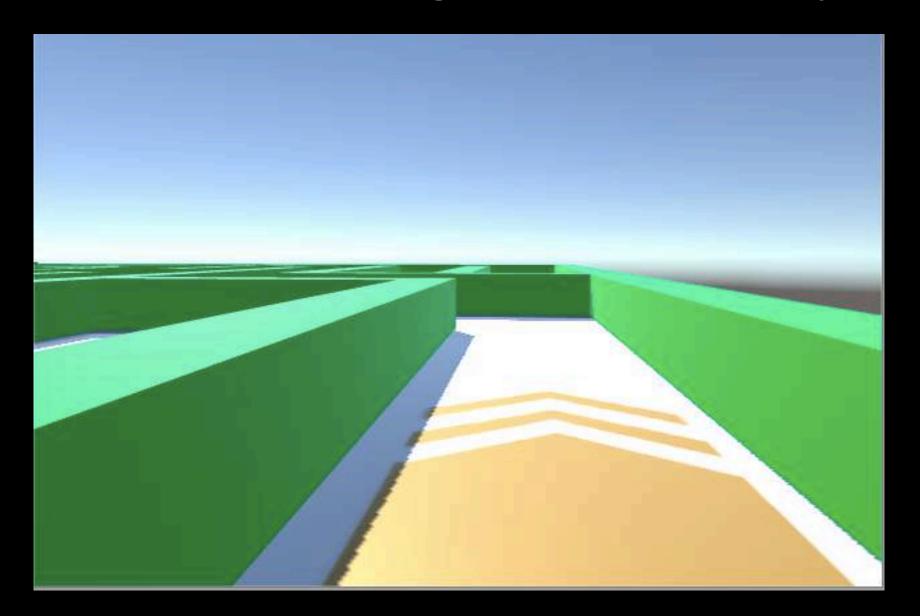
Development based on Udemy course: "Build Virtual Reality Games for Google Cardboard using Unity"

Initially inspired by Jim Henson's movie "Labyrinth" (1986)

Later inspired by my dog, Bruno.

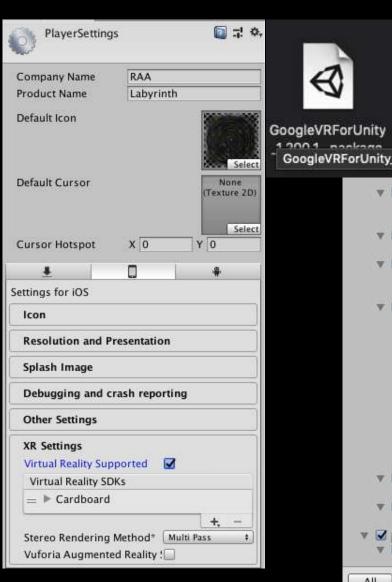


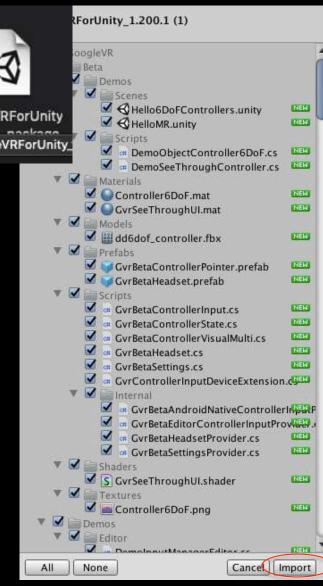
Part 1: VR Settings and Maze Map

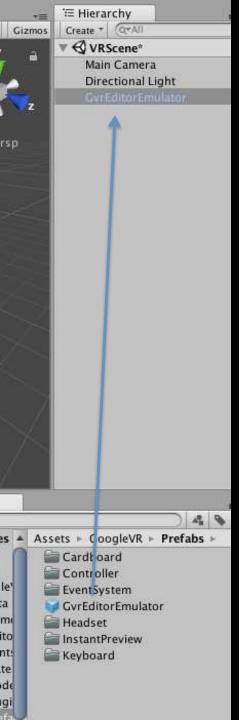


Create a New Unity Project: Labyrinth Change platform and enable Google Cardboard VR

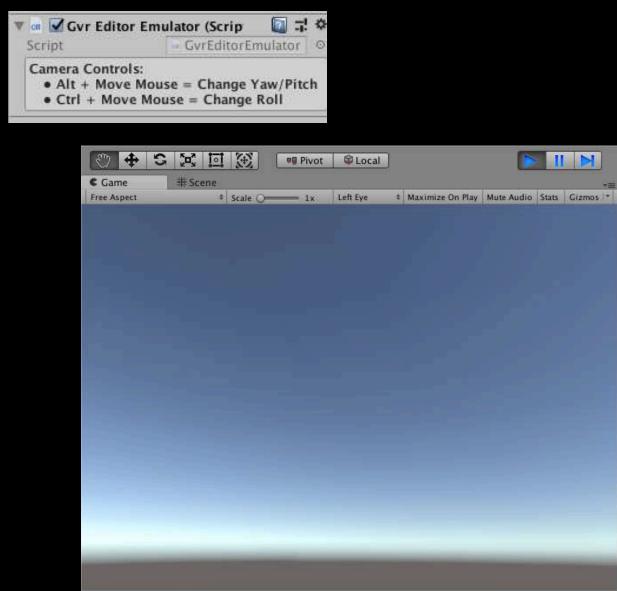




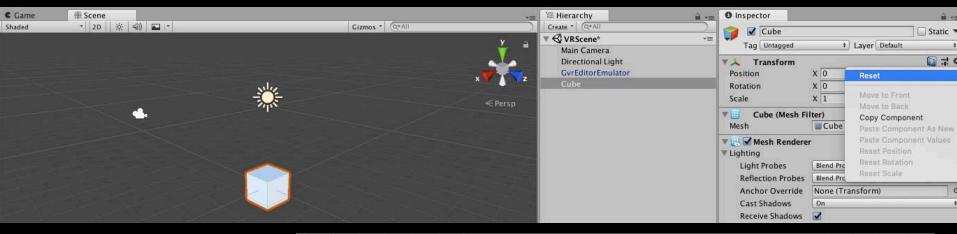




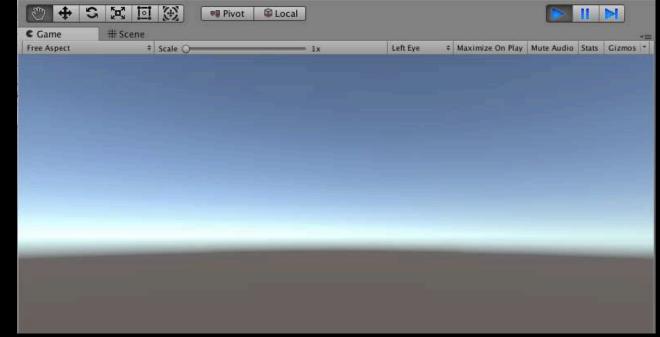
Set up VR View



Fix the VR Camera

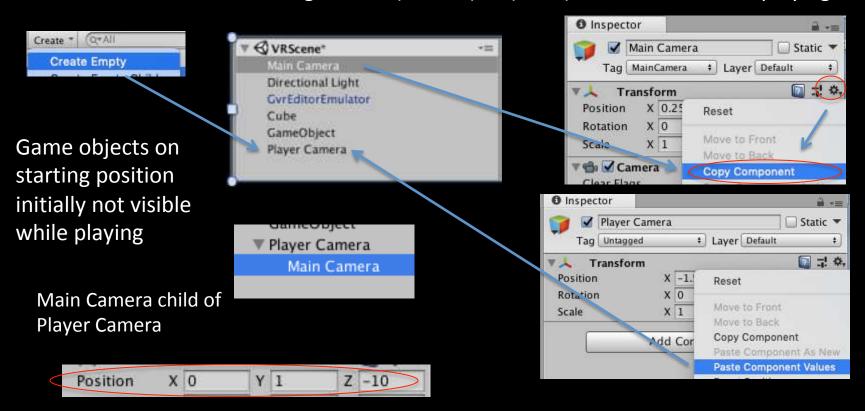


Game object on (0,0,0) is not visible while playing

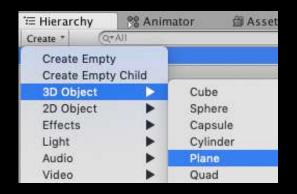


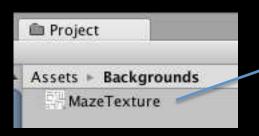
Fix VR Camera: Player Camera solution *Parent-Child

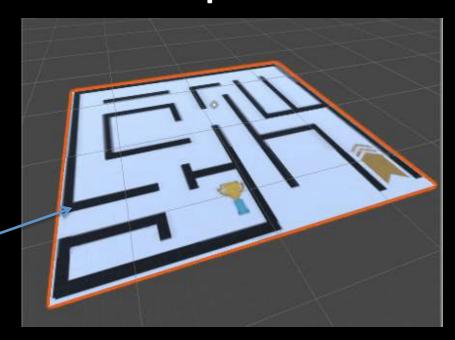
Problem: Main Camera changes from (0,1,-10) to (0,0,0) is not visible while playing



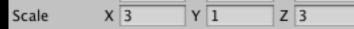
Maze Map

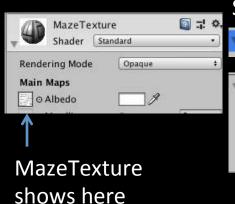


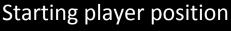


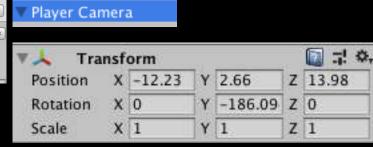


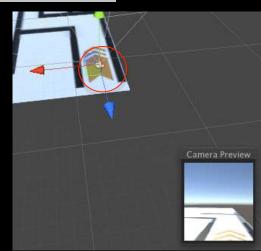
Drag & drop on top of the plane



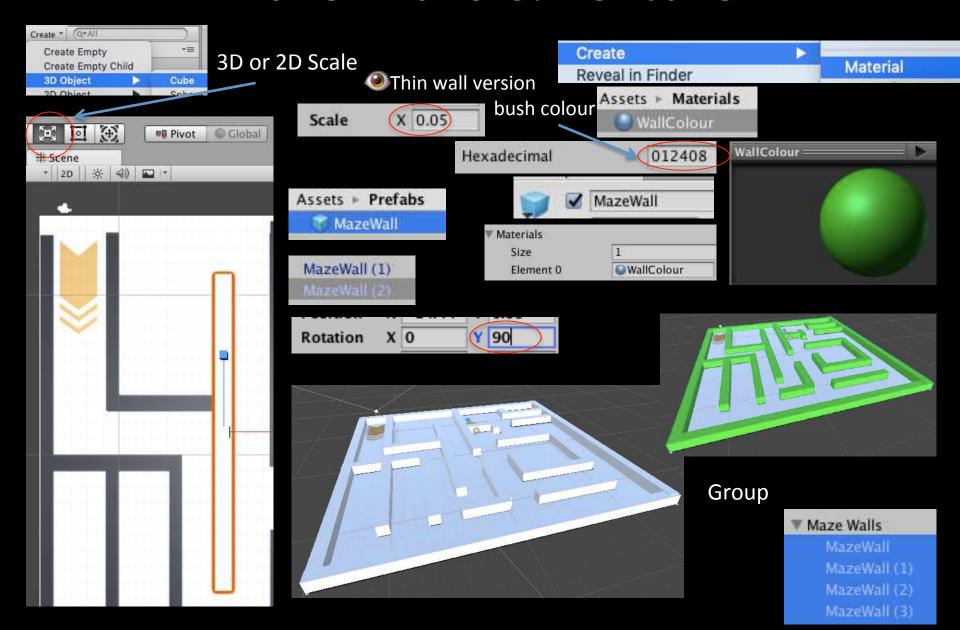




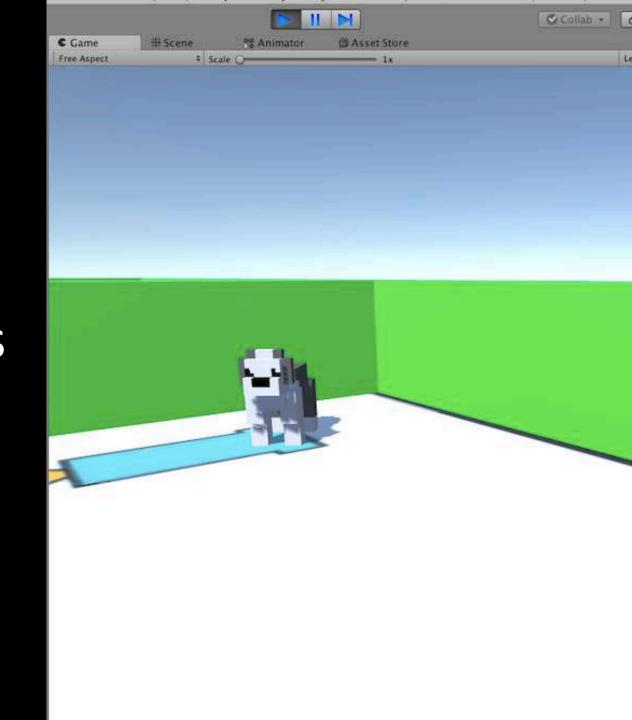




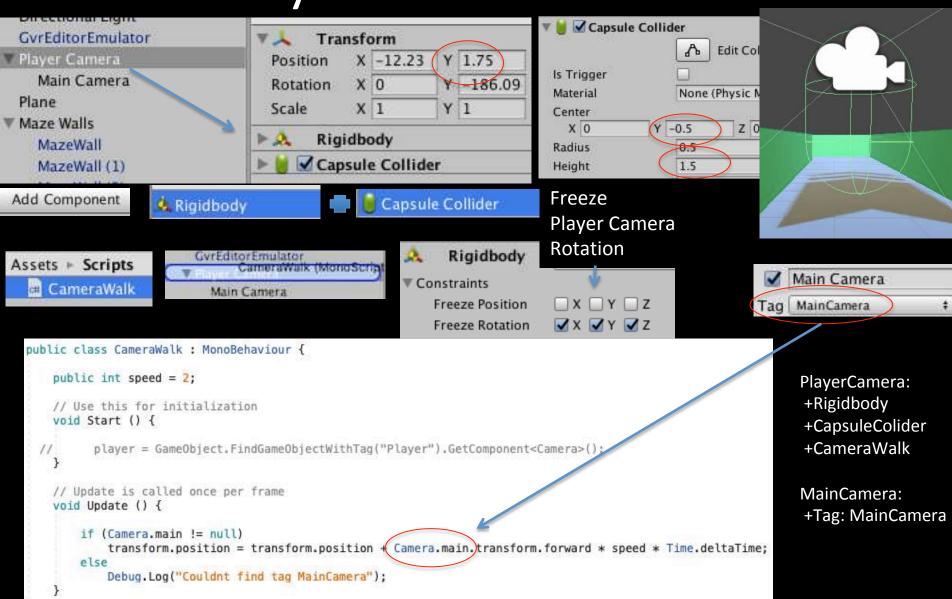
Maze Walls & Texture



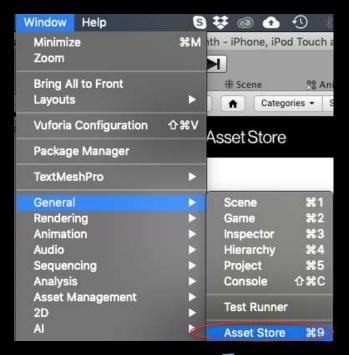
Part 2:
(Trophy)
Player finds
her dog

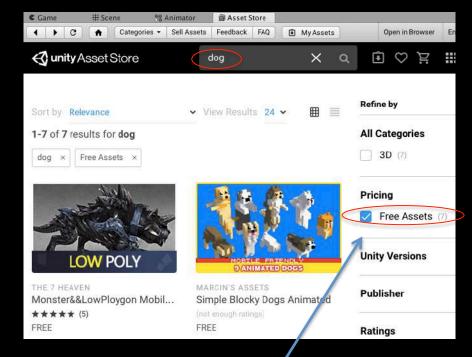


Player moves forward



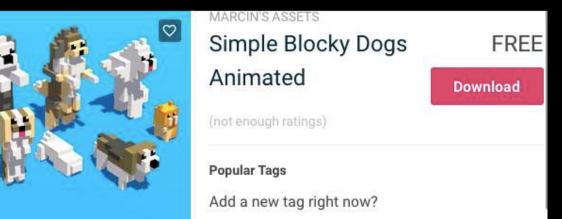
Choosing a doggy Trophy



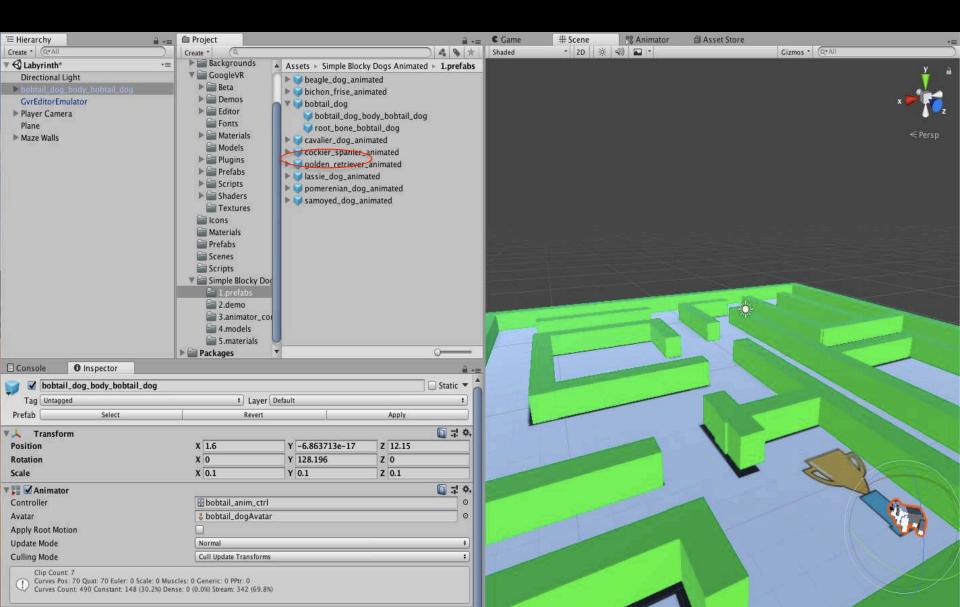


Asset Store Tab

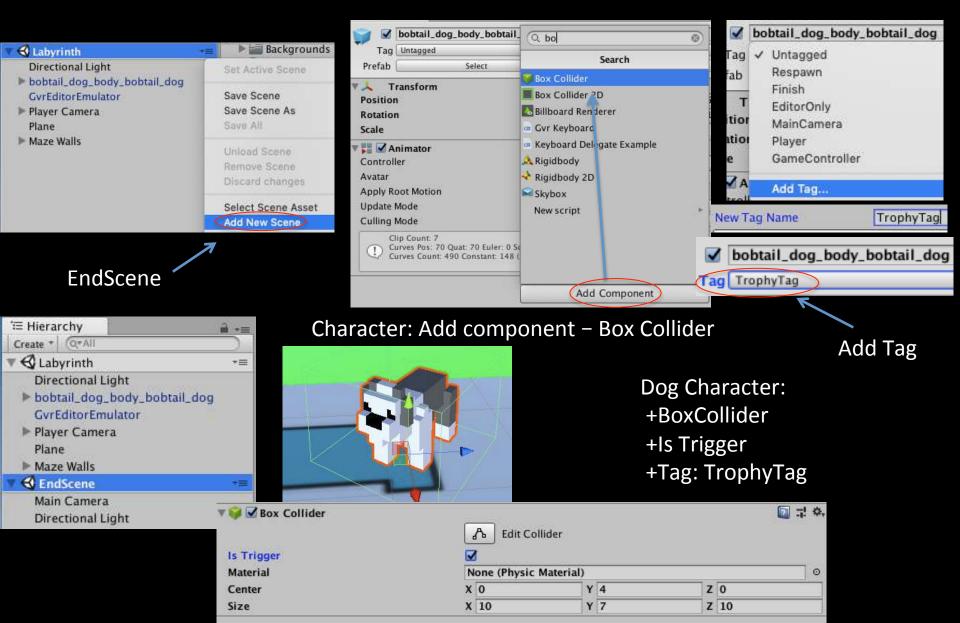
Adopt a dog, it's free! 🧔



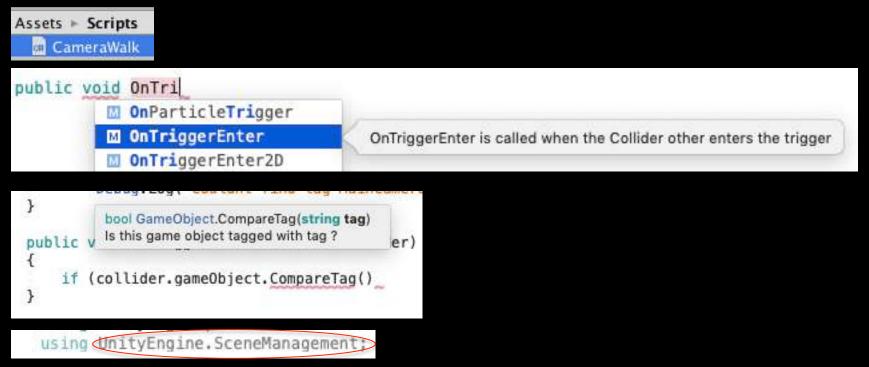
Placing character (dog) on scene



Transition to final scene (dog collider & tag)



Transition to final scene (script)



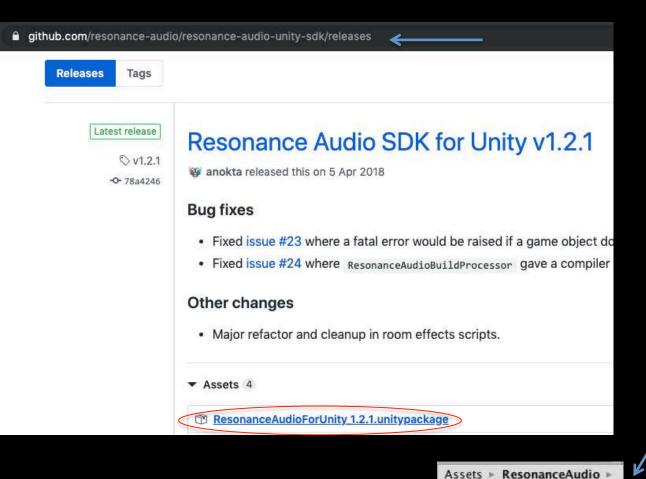
7

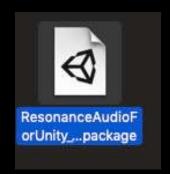
```
public void OnTriggerEnter(Collider collider)
{
    if (collider.gameObject.CompareTag("TrophyTag"))
    {
        SceneManager.LoadScene("EndScene");
    }
}
```

Adding a 3D audio cue with Resonance Audio SDK

Demos

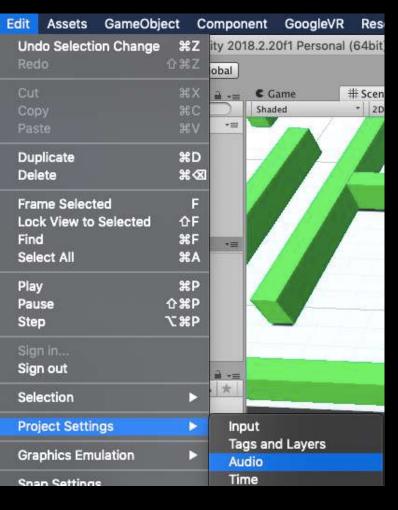
Editor Plugins Prefabs Resources Scripts Shaders





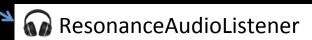


Configure new Audio Settings

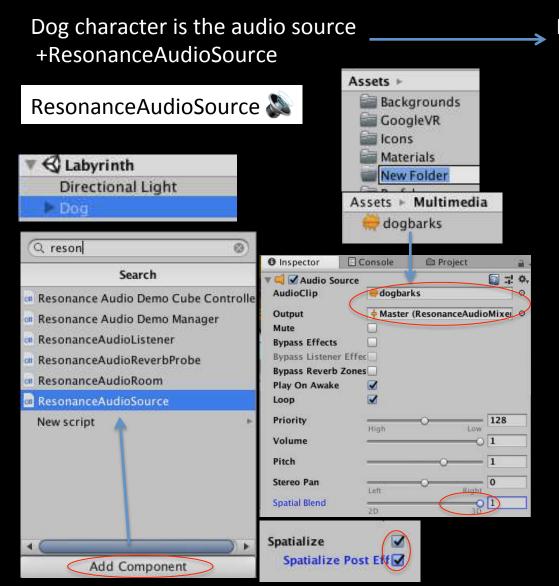


1 Inspector	■ Console	Project	à +≡	
AudioManager			<u>□</u> 示 ≎,	
Global Volume	1			
Volume Rolloff So	ale 1	1		
Doppler Factor	1	1		
Default Speaker N	Mode Stereo	Stereo		
System Sample R	ate 0	0		
DSP Buffer Size Best performance		rmance	*)	
Max Virtual Voices 512				
Max Real Voices 32				
Spatializer Plugin Resonance Audio		*		
Ambisonic Decoder Pl Resonance Audio				
Disable Unity Au	dio 🗌			
Virtualize Effects	☑			

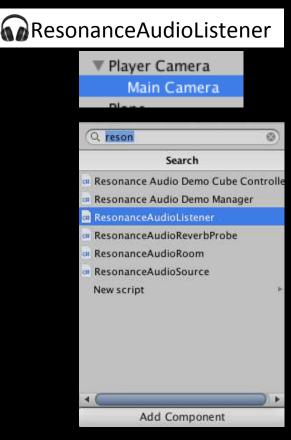
ResonanceAudioSource 🔊



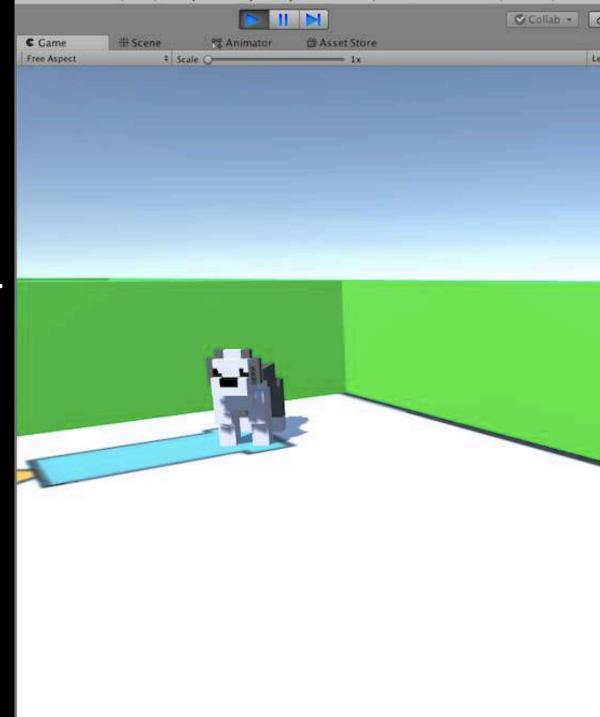
Source and Listener GameObjects



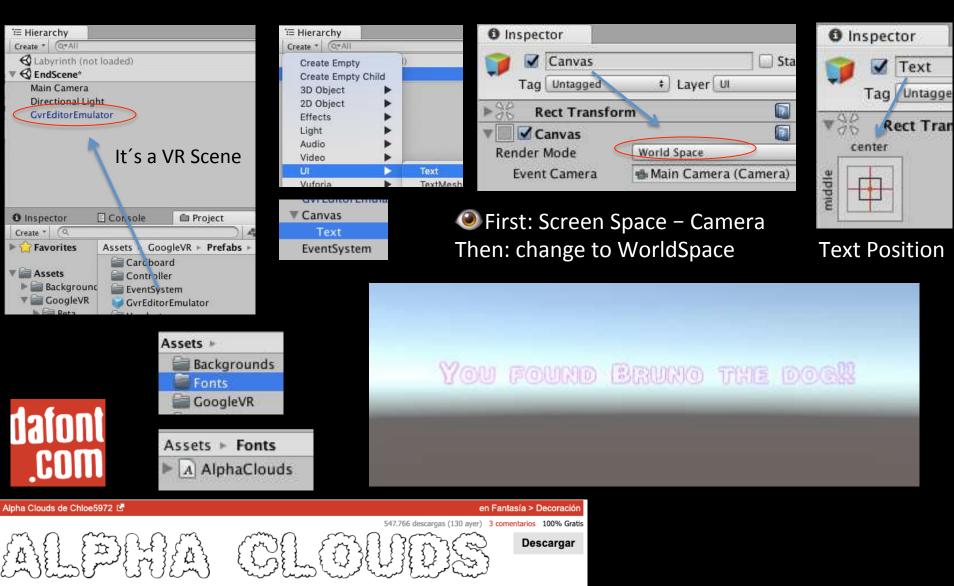
Main camera is the audio listener +ResonanceAudioListener



Part 3: Start & End Scenes

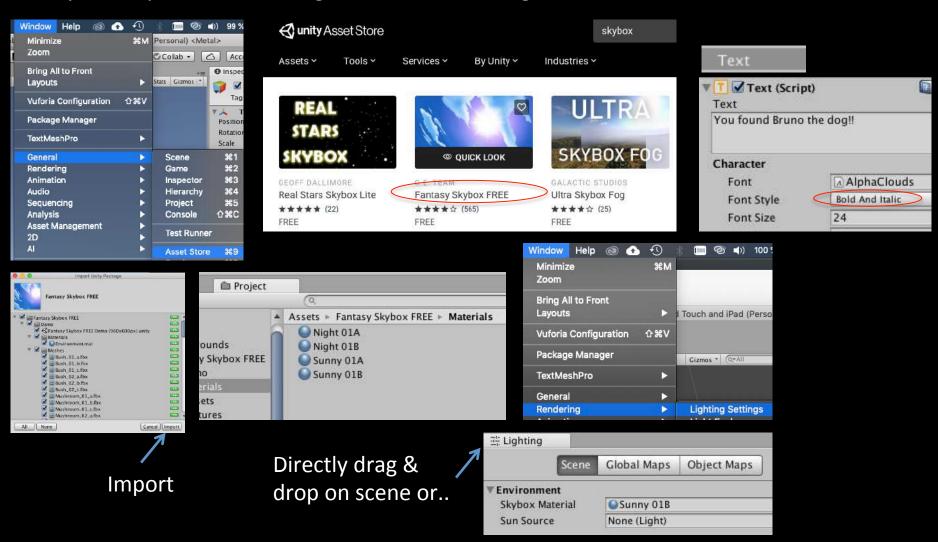


End Scene



Sky for final scene

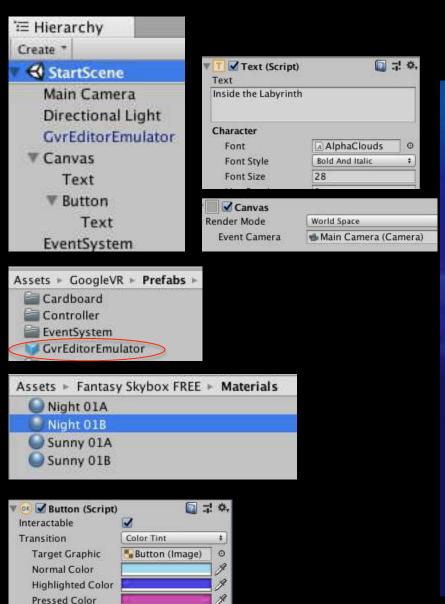
SkyBox: top, bottom, left, right, front & back images/textures



End Scene



Start Scene

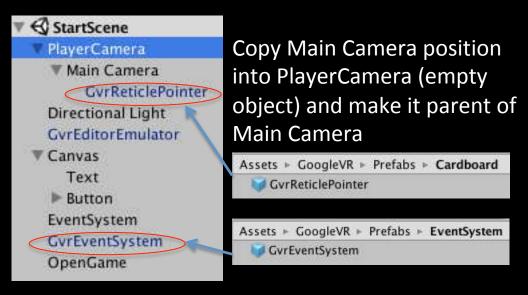




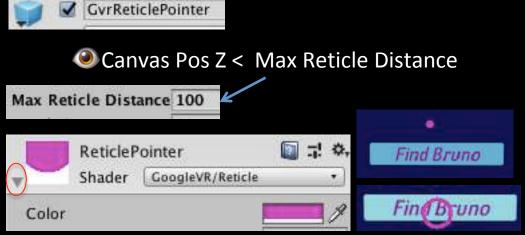
The click thingy (GVR Reticle Pointer)

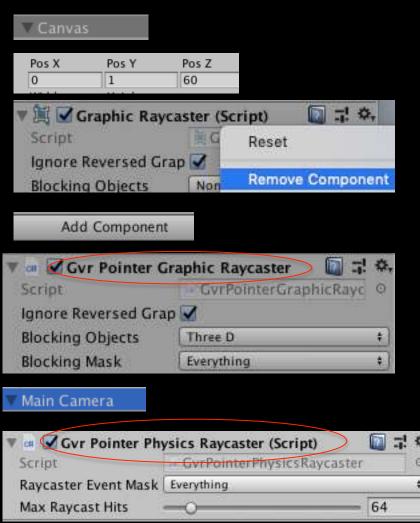


OnClick (The Google VR Way)

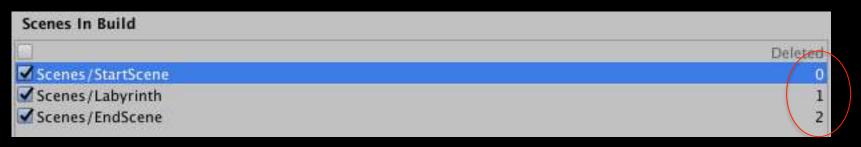




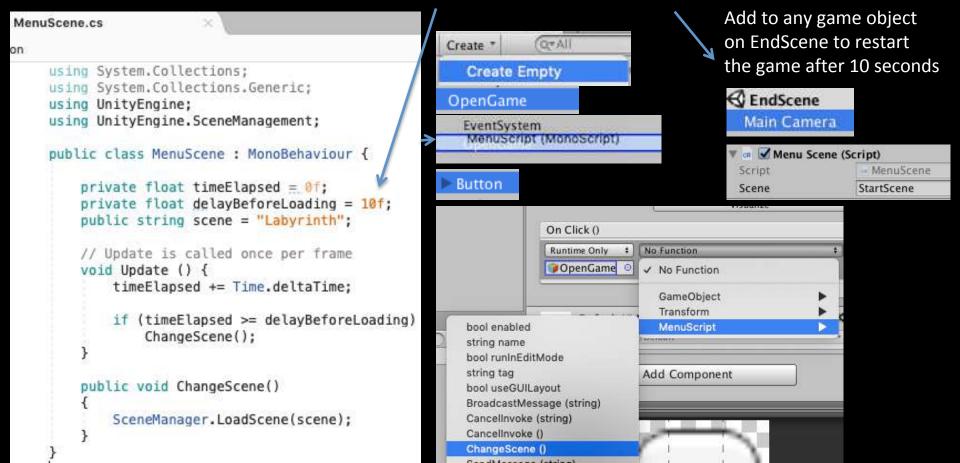




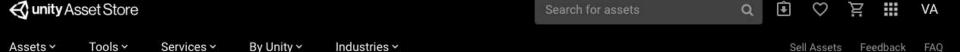
Scene Transition



Auto loads next scene in 10 seconds



Part 4: Into the Wild (Building a natural environment)



Home > 3D > Environments > Nature Starter Kit 2

1 You purchased this item on Oct 16, 2019.



SHAPES

Nature Starter Kit 2

236 user reviews

Popular Tags

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Add tags

If you like this pack, check out Dreamscapes!

Create your own forests and meadows with this free asset bundle!

Nature Starter Kit 2 contains trees and bushes compatible with the built-in tree generator, so you can easily create all kinds of new variations of your own! Edit the shapes and colors of the plants right inside Unity!

FRFF

Open in Unity

Adding bushes and trees (doesn't cost a thing!)



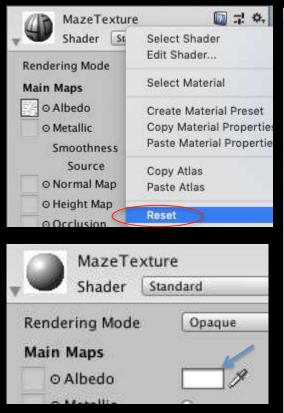


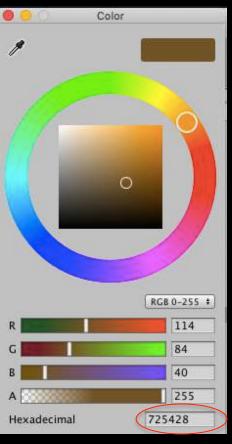
bush01 (17) bush01 (18) bush01 (19) bush01 (20) bush01 (21)

bush01 (13) bush01 (14) bush01 (15) bush01 (16)

Replace MazeTexture with terrain









Build Project & Enjoy



Landscape Left

Default Orientation*

