

Hello World for the HTC Vive using the support library.

- 1) Read the README.txt included with the package (in the folder "Vive-Input").
- 2) Load the HelloWorld scene (or have a scene with a ground plane, camera, and directional light).
- 3) Add a Cube to the scene by right clicking on the Hierarchy window -> 3D Object -> Cube.
  - a. Move the cube in front of the camera.
  - b. Add a Box collider to the cube by using the Add Component button if it doesn't have one.
- 4) Add a ViveControllerModule.cs component to your camera, and make sure the TestInput box is checked. Check the TestRay box if you want a helper ray for showing what you're pointing at.
- 5) Create a script called HelloWorld.cs, and add it as a component to the cube.
- 6) Add "using FRL.IO" to the top of the HelloWorld.cs script.
- 7) Add the interface IPointerTriggerPressSetHandler to the script.
- 8) Add debug statements in the down, press, and up functions for that interface.
- 9) Run the scene. The camera can now be panned by using the arrow keys, and you can emulate pulling the trigger of the controller by pressing the T key.
- 10) Refer to the README.txt for more information of available interfaces and what's available for use from the library.

Potential "Hello Solar System" things:

- Have the cube change size or color depending on emulating certain button presses.
- Turn on and off different components via the cube (should be possible after the roll a ball tutorial).
- Make a game out of moving the cube around the scene (you can use the prewritten PointerGrabbable script to help with this).