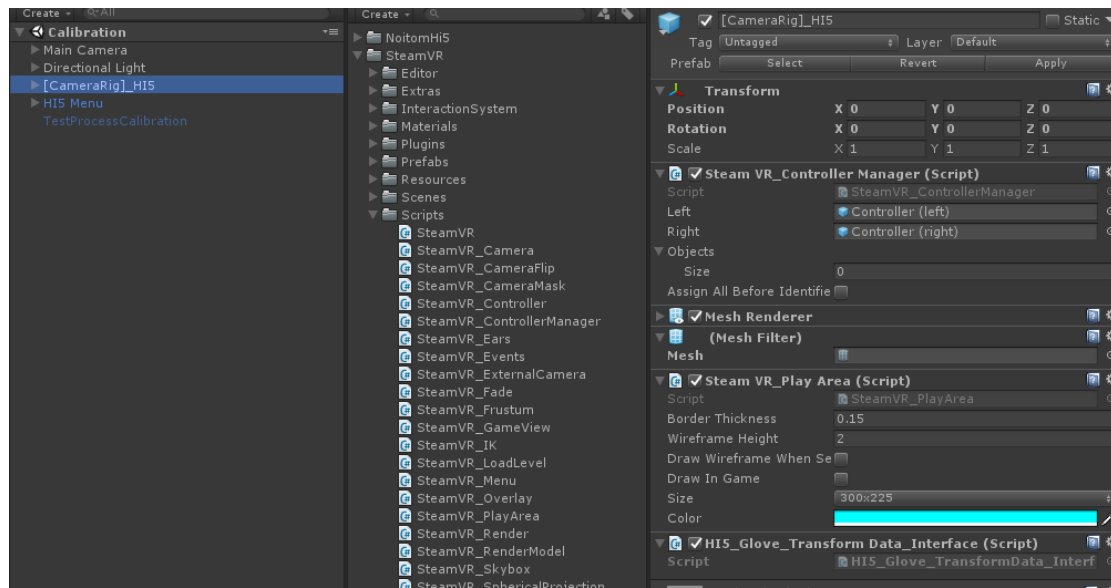


HI5 Glove Interface Introduction

1. Read the data of *Hand Joints*



HI5_Glove_TransformData_Interface scripts

```
public Dictionary<EHi5_Glove_TransformData_Bones, Transform> GetLeftHandTransform( )
{
    return LeftHandBones;
}
```

```
public Dictionary<EHi5_Glove_TransformData_Bones, Transform> GetRightHandTransform()
{
    return RightHandBones;
}
```

Two functions to read each *Skeleton data of Hand Joints*

EHi5_Glove_TransformData_Bones *//Enumerate to define joint number*

```
public enum EHi5_Glove_TransformData_Bones
{
    /// <summary>
    /// The hand joint.
    /// </summary>
    Hand = 0,
    /// <summary>
    /// The metacarpal joint of thumb finger.
    /// </summary>
    HandThumb1,
    /// <summary>
    /// The proximal joint of thumb finger.
    /// </summary>
    HandThumb2,
```

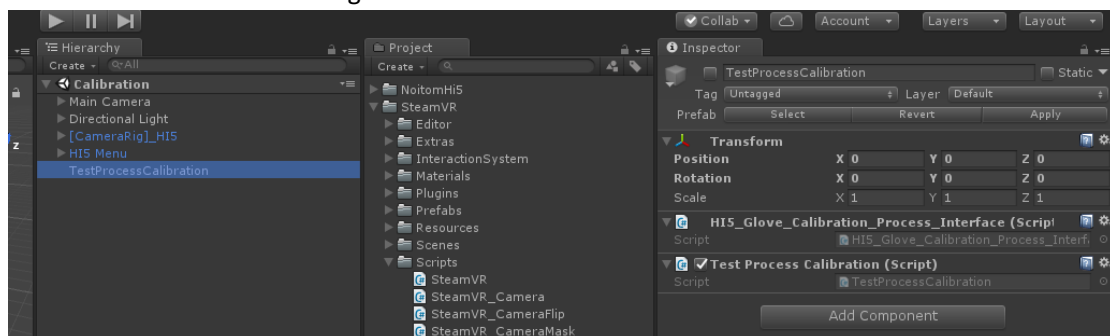
```
/// <summary>
/// The distal joint of thumb finger.
/// </summary>
HandThumb3,
/// <summary>
/// The metacarpal joint of index finger.
/// </summary>
InHandIndex,
/// <summary>
/// The proximal joint of index finger.
/// </summary>
HandIndex1,
/// <summary>
/// The middle joint of index finger.
/// </summary>
HandIndex2,
/// <summary>
/// The distal joint of index finger.
/// </summary>
HandIndex3,
/// <summary>
/// The metacarpal joint of middle finger.
/// </summary>
InHandMiddle,
/// <summary>
/// The proximal joint of middle finger.
/// </summary>
HandMiddle1,
/// <summary>
/// The middle joint of middle finger.
/// </summary>
HandMiddle2,
/// <summary>
/// The distal joint of middle finger.
/// </summary>
HandMiddle3,
/// <summary>
/// The metacarpal joint of ring finger.
/// </summary>
InHandRing,
/// <summary>
/// The proximal joint of ring finger.
/// </summary>
HandRing1,
```

```

    /// <summary>
    /// The middle joint of ring finger.
    /// </summary>
    HandRing2,
    /// <summary>
    /// The distal joint of ring finger.
    /// </summary>
    HandRing3,
    /// <summary>
    /// The metacarpal joint of pinky finger.
    /// </summary>
    InHandPinky,
    /// <summary>
    /// The proximal joint of pinky finger.
    /// </summary>
    HandPinky1,
    /// <summary>
    /// The middle joint of pinky finger.
    /// </summary>
    HandPinky2,
    /// <summary>
    /// The distal joint of pinky finger.
    /// </summary>
    HandPinky3,
    /// <summary>
    /// The number of joints of Hi5 bones.
    /// </summary>
    NumOfHi5Bones,
}

```

2. The interface of calibration gloves



HI5_Glove_Calibration_Process_Interface

// Encapsulate the interface of calibration gloves into the script

TestProcessCalibration

// Specific example of script encapsulation

Open *TestProcessCalibration* prefab **to start testing**