

```
1 using System;
2 using UnityEngine;
3
4 /// <summary>
5 /// DisplayReference is assigned to and stores values unique to the Display
6 /// prefab.
7 /// </summary>
8 public class DisplayReference : MonoBehaviour
9 {
10     /// <summary>
11     /// The inputs of the display.
12     /// </summary>
13     [SerializeField]
14     GameObject[] inputs = new GameObject[8];
15
16     /// <summary>
17     /// The preview pins (on hover) corresponding to each value within
18     /// <seealso cref="inputs"/>.
19     /// </summary>
20     [SerializeField]
21     GameObject[] previewPins = new GameObject[8];
22
23     /// <summary>
24     /// The input statuses of the display.
25     /// </summary>
26     [SerializeField]
27     MeshRenderer[] inputStatuses = new MeshRenderer[8];
28
29     /// <summary>
30     /// The pins (on power) corresponding to each value within <seealso
31     /// cref="inputs"/>.
32     /// </summary>
33     [SerializeField]
34     MeshRenderer[] pins = new MeshRenderer[8];
35
36     // Ensures the sizes of each array cannot be modified within the
37     // inspector
38     private void OnValidate()
39     {
40         if (inputs.Length != 8) Array.Resize(ref inputs, 8);
41
42         if (inputStatuses.Length != 8) Array.Resize(ref inputStatuses, 8);
43
44         if (pins.Length != 8) Array.Resize(ref pins, 8);
45
46         if (previewPins.Length != 8) Array.Resize(ref previewPins, 8);
47     }
48
49     // Getter methods
```

```
46     public GameObject[] Inputs { get { return inputs; } }
47
48     public GameObject[] PreviewPins { get { return previewPins; } }
49
50     public MeshRenderer[] InputStatuses { get { return inputStatuses; } }
51
52     public MeshRenderer[] Pins { get { return pins; } }
53 }
```