

## // ProceduralTerrain

```
[Range( 5, 250)] public int CellSize = 10;
```

```
[Range(1, 20)] public int Octaves = 5;
```

```
[Range(1f, 30f)] public float Scale = 3f;
```

```
[Range(0f, 1f)] public float Persistence = 0.5f;
```

```
[Range(0f, 4f)] public float Lacunarity = 2f;
```

```
private static int TerrainsGenerated = 0;
```

0.5 means that each octave after the first will have half the impact on the output as the previous octave

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Works with Scale to determine  
the area used for sampling  
Perlin Noise values