

```
1  #pragma once
2
3  #include "EC12P.h"
4  #include "GPIO.h"
5  #include "PWM.h"
6  #include "ADC.h"
7
8  namespace Hardware
9  {
10     class SoilCape
11     {
12     public:
13         EC12P RGBEncoder;
14         PWM MicroscopeLEDs{ PWM::P9_14 };
15         ADC MicroscopeLDR{ ADC::ADC0 };
16
17         SoilCape();
18         ~SoilCape();
19     };
20 }
21
22
```