

```
1 // Preprocessor Directives to include the library only once
2 #ifndef _SERVO
3 #define _SERVO
4
5 // Necessary libraries:
6 #include <LPC17xx.H>
7 #include "state.h"
8
9 // New defines:
10 #define Tpwm 15e-3 // Period of the PWM signal of
the servo(15ms)
11
12 // Available functions that can be called:
13 void config_servo(void); // Enables the PWM, the output
pin is P1.20.
14 void set_servo(float grados); // Moves the servo to the
position passed in the argument.
15
16 #endif
17
18
```