

Capsule Wakeup

M5Capsule sleep-wake related APIs and case programs.

Note:

The power cannot be turned off and hibernate under USB power supply condition. The function works only under battery power condition.

cpp

```
1  #include <M5Capsule.h>
2
3  void setup(void) {
4      auto cfg = M5.config();
5      M5Capsule.begin(cfg);
6
7      Serial.println("Press Btn to sleep");
8      Serial.println("After 5s Wakeup");
9  }
10
11 void loop(void) {
12     M5Capsule.update();
13
14     if (M5Capsule.BtnA.wasPressed()) {
15         M5Capsule.Power.timerSleep(5);
16         // M5Capsule.Power.timerSleep(const rtc_time_t& time);
17         // M5Capsule.Power.timerSleep(const rtc_date_t& date, const rtc_time_t&
18         // time);
19         // M5Capsule.Power.powerOff(); shutdown
20     }
21 }
```

API

The M5Capsule library is based on the M5Unified library implementation, the power supply part uses the **Power_Class** from the M5Unified library, for more related APIs you can refer to the following document:

- [M5Unified - Power Class](#)