

M5GO Wakeup

M5GO Wakeup related APIs and example program.

Example

cpp

```
1  #include <M5Unified.h>
2
3  void setup(void) {
4      auto cfg = M5.config();
5      M5.begin(cfg);
6
7      M5.Display.setTextDatum(middle_center);
8      M5.Display.setTextFont(&fonts::FreeSerifBold9pt7b);
9      M5.Display.setTextSize(1);
10
11     M5.Display.drawString("Press BtnA", M5.Display.width() / 2, M5.Display.height() / 2 - 20);
12     M5.Display.drawString("to Sleep 5s", M5.Display.width() / 2, M5.Display.height() / 2 + 20);
13 }
14
15 void loop(void) {
16     M5.update();
17
18     if (M5.BtnA.wasPressed()) {
19         M5.Display.clear();
20         M5.Display.drawString("Sleep 5s", M5.Display.width() / 2, M5.Display.height() / 2 + 20);
21         M5.Power.timerSleep(5); //sec
22     }
23 }
```

Since there is no independent RTC chip, The Fire cannot use RTC-related functions and can only implement second-level timed wake-up as demonstrated in the example program.

The example program runs as follows:

[Core_Arduino_wakeup.mp4](#)

API

M5GO Power section uses the **Power_Class** in the **M5Unified** library. For more related APIs, you can refer to the following document:

- [M5Unified - Power Class](#)