

LOW POWER Mode + Arduino Library

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↳ May 13, 2024

• Library methods:

- idle() → fast wakeup
- sleep() → slow wakeup
- deepSleep() → slowest wakeup
- attachInterruptWakeup() → 3 parameters (pin, callback, mode)
 - ↳ Mode options:
 - falling → signal on defined pin sense is negative
 - rising → signal on defined pin sense is positive
 - change → pin senses any type of change

↳ first attempt to transmit with low power:

- did not work; code was getting stuck after going to sleep
- thought it could be due to the printing of the serial monitor
 - ↳ each time it wakes back up, it goes back to the void loop()

↳ got it to send... was looking at a way to maybe add a timestamp??
↳ would probably use RTC but ended up deciding against
↳ Goal was to have some sort of timestamp to compare the data from both sensors more accurately. This would be to better calibration.

* As of May 29, we are just using deepsleep to put the LORA to sleep. However, this might not of truly made it low power after checking with Patrick's voltage reader.