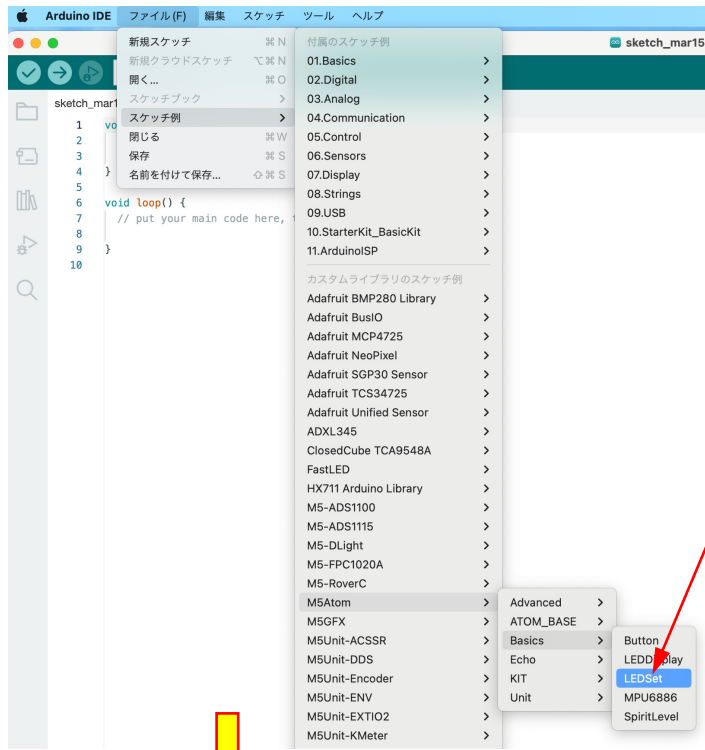
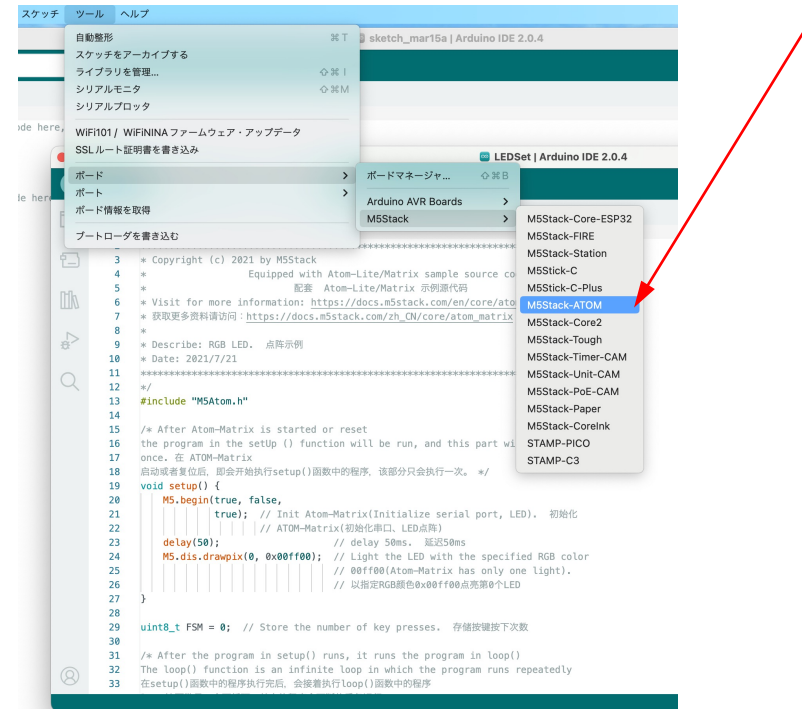


① Arduino IDEを起動します。

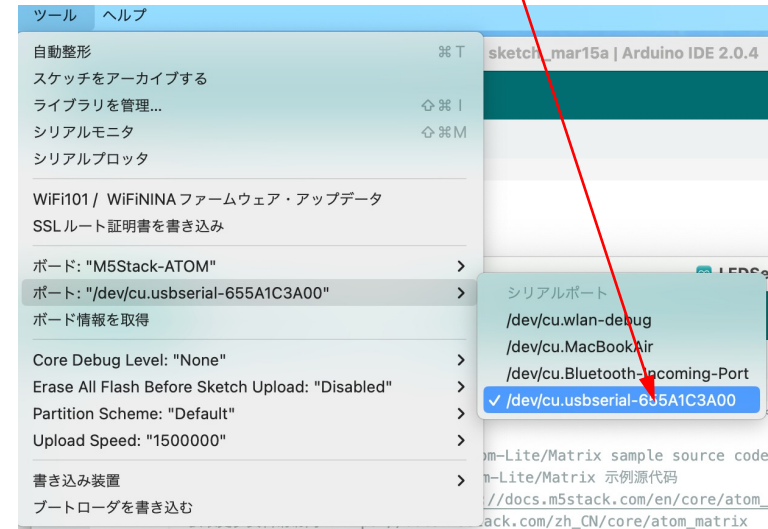
② ファイル→スケッチ例→M5Atom→Basics→LED Set



③ ツール→ボード→M5Stack→M5Stack-ATOM



④ ツール→ポート→/dev/cu.usbserialXXXXXXを選択



「レ」をクリックしてコンパイル開始

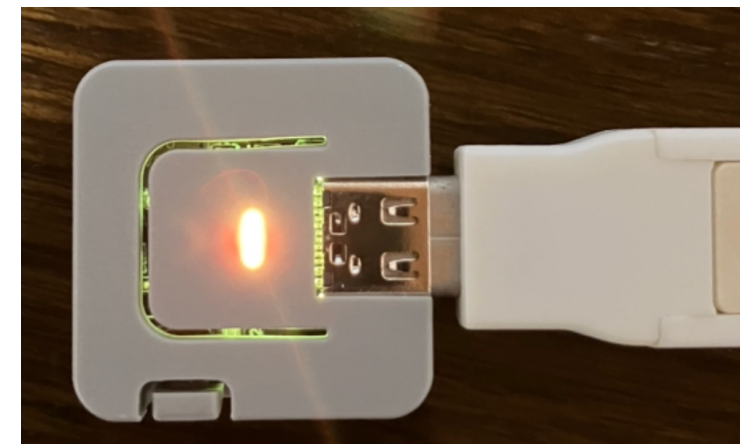
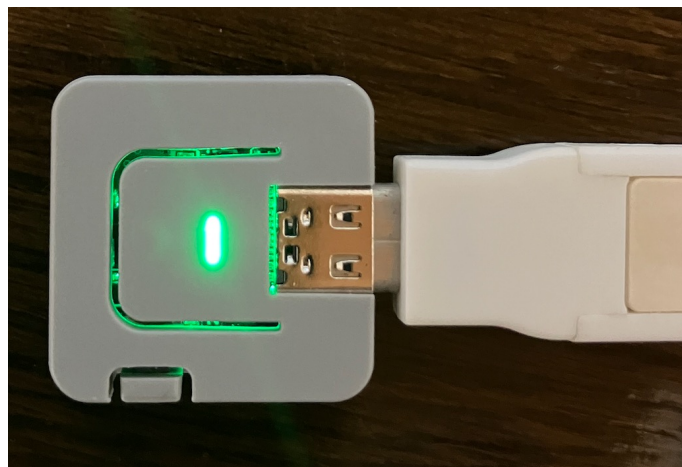


```
LEDSet.ino
1  /*
2  ****
3  * Copyright (c) 2021 by M5Stack
4  *
5  * Equipped with Atom-Lite/Matrix sample source code
6  * 配套 Atom-Lite/Matrix 示例源代码
7  * Visit for more information: https://docs.m5stack.com/en/core/atom\_matrix
8  * 获取更多资料请访问: https://docs.m5stack.com/zh\_CN/core/atom\_matrix
9  *
10 * Describe: RGB LED. 点阵示例
11 * Date: 2021/7/21
12 ****
13 #include "M5Atom.h"
14
15 /* After Atom-Matrix is started or reset
16 the program in the setup () function will be run, and this part will only be run
17 once. 在 ATOM-Matrix
18 启动或者复位后, 即会开始执行setup()函数中的程序, 该部分只会执行一次。*/
19 void setup() {
20   M5.begin(true, false,
```

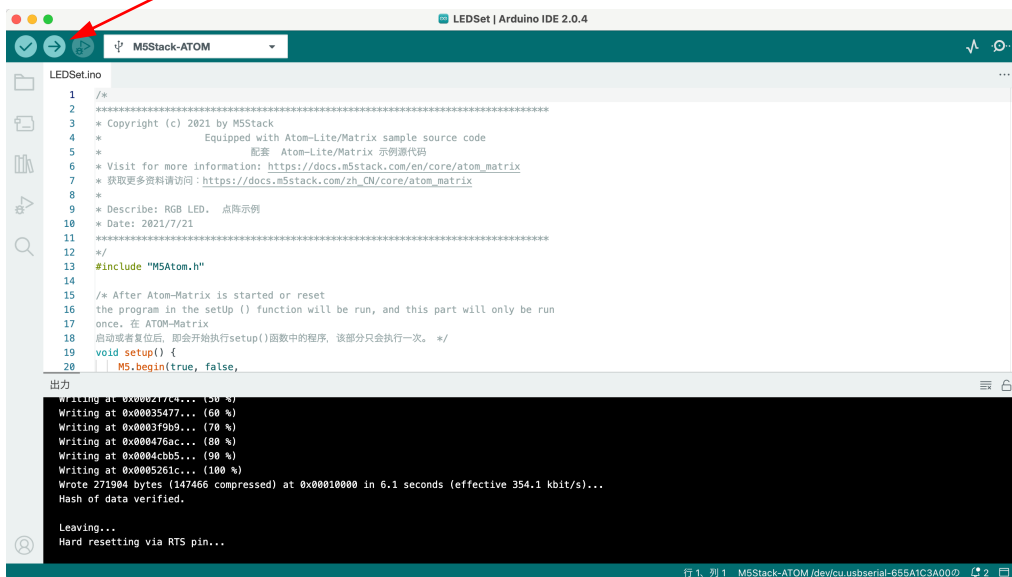
出力

```
~~~~~
In file included from /Users/ushisawanorihiko/Documents/Arduino/libraries/FastLED/src/FastLED.h:67,
                 from /Users/ushisawanorihiko/Documents/Arduino/libraries/M5Atom/src/utility/LED_Display.h:4,
                 from /Users/ushisawanorihiko/Documents/Arduino/libraries/M5Atom/src/utility/LED_Display.cpp:1:
/Users/ushisawanorihiko/Documents/Arduino/libraries/FastLED/src/fastspi.h:145:23: note: #pragma message: No hardware SPI pins defined. All SPI access will default to bitbanged output"
#
~~~~~
最大1310720バイトのフラッシュメモリのうち、スケッチが271517バイト (20%) を使っています。
最大327680バイトのRAMのうち、グローバル変数が17408バイト (5%) を使っていて、ローカル変数で310272バイト使うことができます。
```

押す度に、LEDの色が変化する



「→」をクリックしてM5Atomに書き込み



```
LEDSet.ino
1  /*
2  ****
3  * Copyright (c) 2021 by M5Stack
4  *
5  * Equipped with Atom-Lite/Matrix sample source code
6  * 配套 Atom-Lite/Matrix 示例源代码
7  * Visit for more information: https://docs.m5stack.com/en/core/atom\_matrix
8  * 获取更多资料请访问: https://docs.m5stack.com/zh\_CN/core/atom\_matrix
9  *
10 * Describe: RGB LED. 点阵示例
11 * Date: 2021/7/21
12 ****
13 #include "M5Atom.h"
14
15 /* After Atom-Matrix is started or reset
16 the program in the setup () function will be run, and this part will only be run
17 once. 在 ATOM-Matrix
18 启动或者复位后, 即会开始执行setup()函数中的程序, 该部分只会执行一次。*/
19 void setup() {
20   M5.begin(true, false,
```

出力

```
Writing at 0x00027f4c... (30 %)
Writing at 0x00035477... (60 %)
Writing at 0x0003f9b9... (70 %)
Writing at 0x000476cc... (80 %)
Writing at 0x0004cbb5... (90 %)
Writing at 0x0005261c... (100 %)
Wrote 271904 bytes (147466 compressed) at 0x00010000 in 6.1 seconds (effective 354.1 kbit/s)...
Hash of data verified.

Leaving...
Hard resetting via RTS pin...
```

