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Thread: [\[Solved\] invalid types for subscript array](#)

datguy.dev - January 6, 2018, 1:35 pm

Greetings,

I'm pretty bad at AVR C and was curious if anyone could help me with this?

I'm using the Teensy Keyboard library to try and automate BIOS configuration. I have no idea what data type KEY_F2 is for example and how that should be handled. I can't seem to find any references besides basic usages of the library.

Long error desc: <https://pastebin.com/pqPrDF80>

PHP Code

```
<?php
const int ledPin = 13;
const byte hp_bios_key = KEY_F10;
const byte dell_bios_key = KEY_F2;
const byte lenovo_bios_key = KEY_F1;

const byte hp_dell_netboot_key = KEY_F12;
const byte lenovo_netboot_key = KEY_F3;

void setup() {
  pinMode(ledPin, OUTPUT);
  for (int i=0; i < 10; i++) {
    digitalWrite(ledPin, HIGH);
    delay(100);
    digitalWrite(ledPin, LOW);
    delay(100);
  }
  //Keyboard.press(KEY_RIGHT);
  //delay(250);
  //Keyboard.release(KEY_RIGHT);
}

void Execute(byte keys, int repeats, int delays, int lens){
  byte key_to_press;
  int key_repeat;
  int key_delay;

  for (int s = 0; s < lens; s++) {
    key_to_press = keys[s];
    key_repeat = repeats[s];
    key_delay = delays[s];

    for (r = 0; r < key_repeats; r++) {
```

```

    Keyboard.press(key_to_press);
    delay(key_delay);
    Keyboard.release(key_to_press);
    delay(key_delay / 2);
}
}
}

void HP(byte process) {

    if (process == 1) {
        byte _keys[4] = [ KEY_TAB, KEY_ENTER, KEY_ESC, KEY_ENTER, ];
        int _repeat[4] = [ 2, 4, 1, 9, ];
        int _delay[4] = [ 300, 500, 300, 200, ];

        Execute(_keys, _repeat, _delay, 4);

    } else if (process == 2) {
        //Execute(bios_sequence, seq_len);
    }

}

void loop() {
    // Do nothing after the test

}

```

I think I figured it out. The key variables can be ints. Now I can go back to multidimensional arrays. Sorry.

PHP Code

```

<?php
const int ledPin = 13;
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void setup() {
    pinMode(ledPin, OUTPUT);
    for (int i=0; i < 10; i++) {
        digitalWrite(ledPin, HIGH);
        delay(100);
        digitalWrite(ledPin, LOW);
        delay(100);
    }
    //Keyboard.press(KEY_RIGHT);
    //delay(250);
    //Keyboard.release(KEY_RIGHT);
}

```

```
}
```

```
void Execute(int keys[], int repeats[], int delays[], int lens){
```

```
    int key_to_press;
```

```
    int key_repeat;
```

```
    int key_delay;
```

```
    for (int s = 0; s < lens; s++) {
```

```
        key_to_press = keys[s];
```

```
        key_repeat = repeats[s];
```

```
        key_delay = delays[s];
```

```
        for (int r = 0; r < key_repeat; r++) {
```

```
            Keyboard.press(key_to_press);
```

```
            delay(key_delay);
```

```
            Keyboard.release(key_to_press);
```

```
            delay(key_delay / 2);
```

```
        }
```

```
    }
```

```
}
```

```
void HP(byte process) {
```

```
    if (process == 1) {
```

```
        int _keys[4] = { KEY_TAB, KEY_ENTER, KEY_ESC, KEY_ENTER, };
```

```
        int _repeat[4] = { 2, 4, 1, 9, };
```

```
        int _delay[4] = { 300, 500, 300, 200, };
```

```
        Execute(_keys, _repeat, _delay, 4);
```

```
    } else if (process == 2) {
```

```
        //Execute(bios_sequence, seq_len);
```

```
    }
```

```
}
```

```
void loop() {
```

```
    // Do nothing after the test
```

```
}
```