# Update RAK WisBlock modules in PlatformIO platforms and packages

After updating the Adafruit nRF52, Espressif ESP32 or Arduino Mbed package do the following steps:

## 1 Open a project that uses the updated platform

## 2 Compile the project so that PlatformIO is installing the packages belonging to the platform

Ignore the "*Unknown board ID*" or "*variant.h: No such file or directory*" errors until the following patch has been applied

## 3 Patch the platform and package:

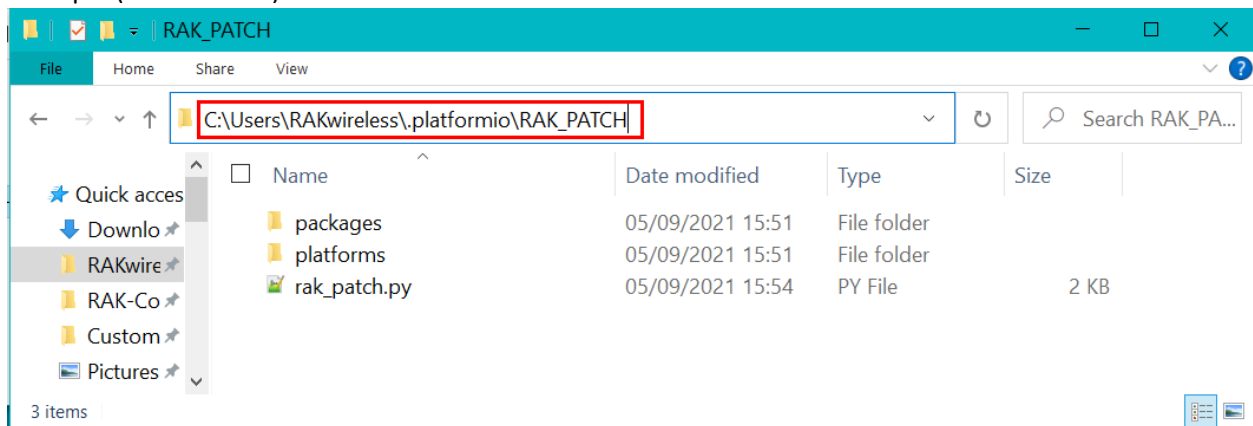A Unzip the contents of *RAK_PATCH.zip* into folder *RAK_PATCH* in your PlatformIO installation folder.

Paths on different OS:

Windows: %USER%\.platformio\

Linux:   ~/.platformio/

Mac OS:  /Users/{Your_User_id}/.platformio/

Example (Windows 10):

## B Install the patch

Open a terminal in the *.platformio* folder and execute ***python ./rak_patch.py***

Example (Windows 10 terminal):

```
Command Prompt

Microsoft Windows [Version 10.0.19042.1165]
(c) Microsoft Corporation. All rights reserved.

C:\Users\RAKwireless>cd C:\Users\RAKwireless\.platformio\RAK_PATCH

C:\Users\RAKwireless\.platformio\RAK_PATCH>python rak_patch.py
Patched RAK4631
Patched RAK11200
Patched RAK11310
Patch done, check output if successful

C:\Users\RAKwireless\.platformio\RAK_PATCH>
```

Example (Linux):

```
MINGW64:/c/Users/RAKwireless/.platformio/RAK_PATCH

RAKwireless@RAK-BeeGee MINGW64 ~/.platformio/RAK_PATCH
$ python ./rak_patch.py
Patched RAK4631
Patched RAK11200
Patched RAK11310
Patch done, check output if successful

RAKwireless@RAK-BeeGee MINGW64 ~/.platformio/RAK_PATCH
$
```