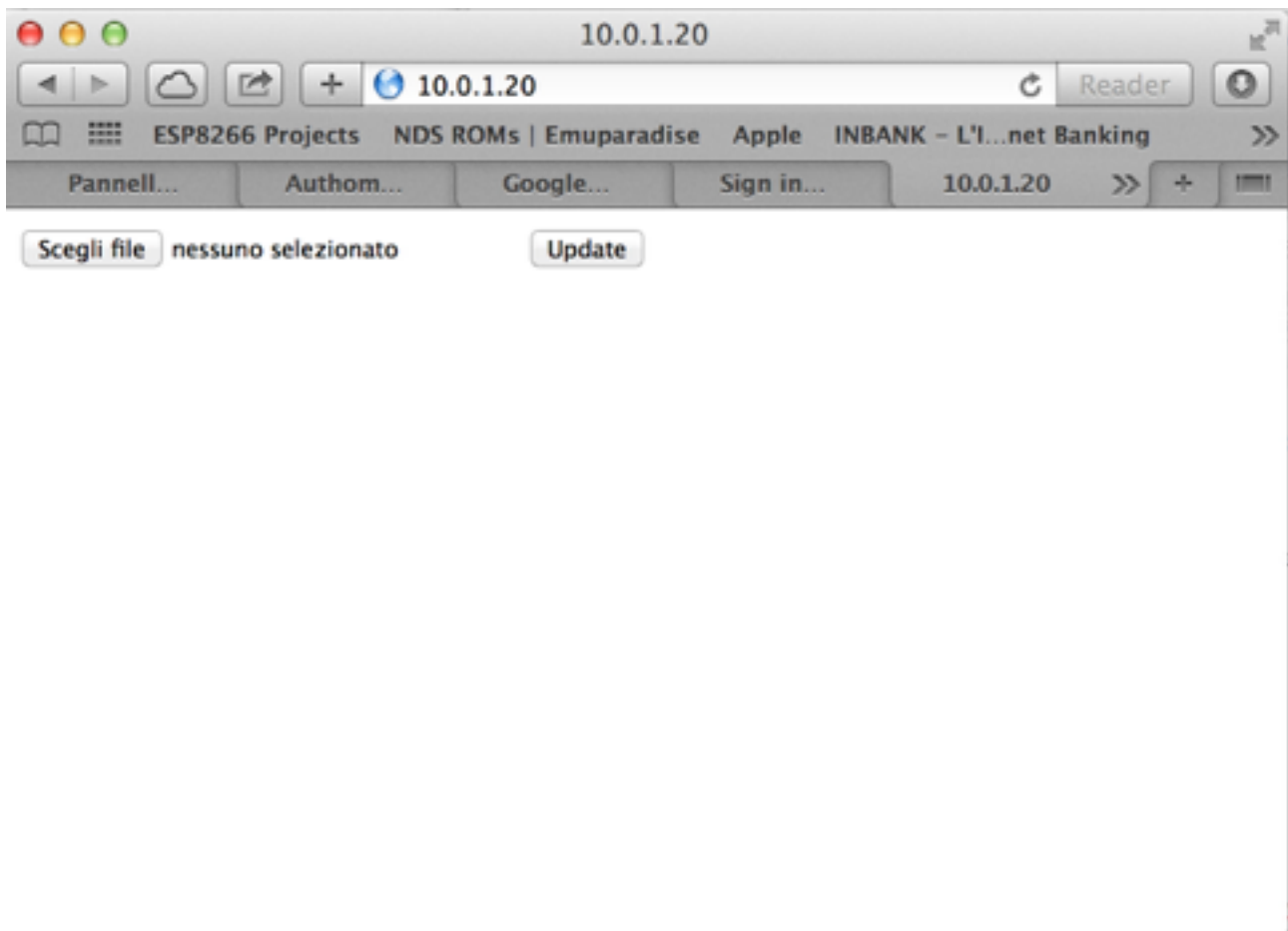


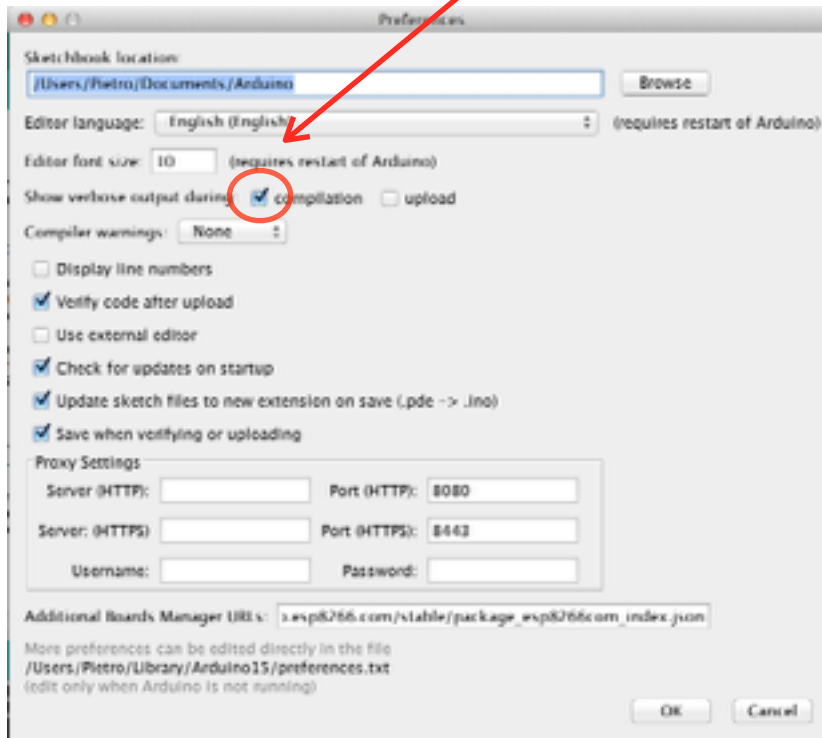
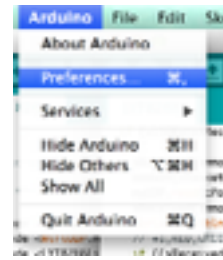


## AUTHOMETION LYT8266 USING OTA TO UPLOAD SKETCHES



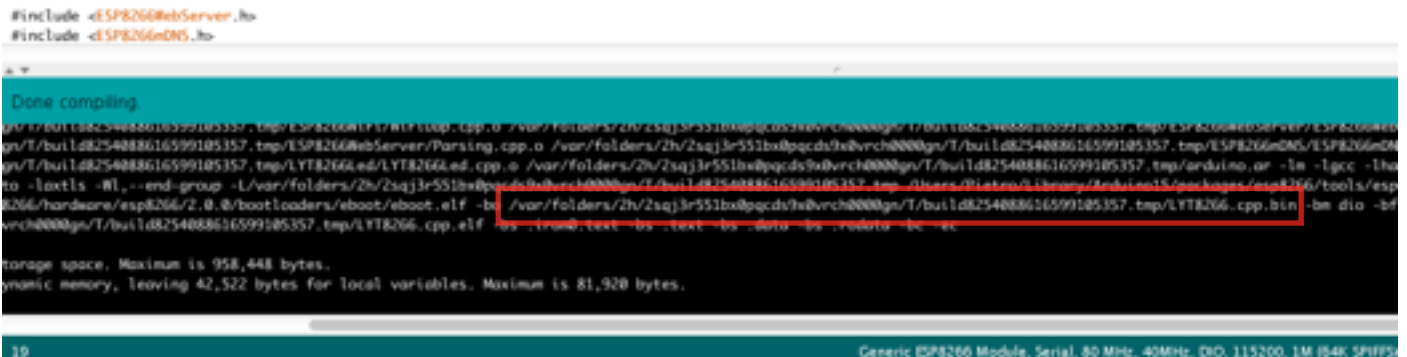
In this guide we will see how to upload a new sketch to our LYT8266 using the WEB OTA feature. First of all you need to identify the directory where the binary is placed after sketch compilation.

Go to ARDUINO->PREFERENCES and check the compilation option on "Show verbose output during:" line.



Open the example sketch LYT8266 from FILE->EXAMPLES->LYT8266Led.

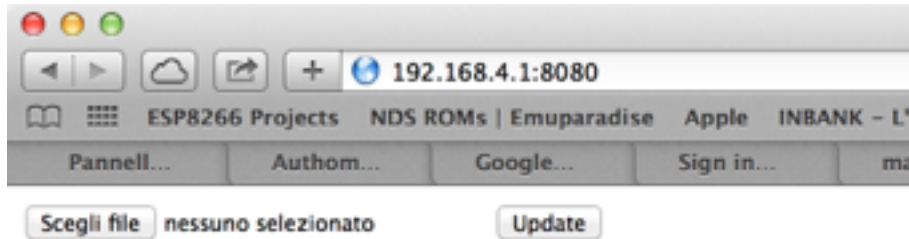
Now COMPILE the sketch and after compilation find the row showing you the temp directory where the LYT8266.cpp.bin file is located. To simplify OTA upload procedure copy the binary file on your desktop or any other directories on your PC.



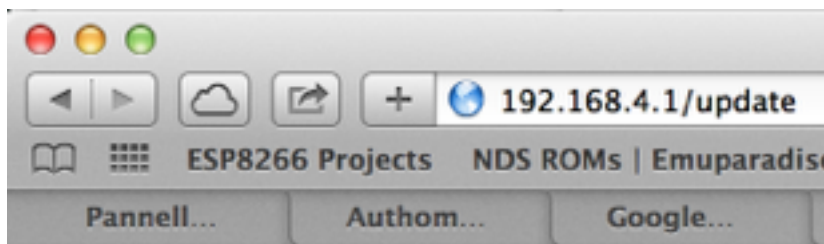
If you are connected to the LYT8266 directly (AP mode) you can use the 192.168.4.1 IP to reach the bulb. If you are connected through your router you need to know the IP address assigned to the bulb. You can check it using a Terminal software like hyper terminal for windows users or CoolTerm for mac users. **You cannot use the Arduino Serial Monitor because it will reset continuously the ESP8266.**

Now open your browser and type (we will consider you are using the LYT8266 in AP mode): 192.168.4.1:8080 (press enter).

Press the SELECT FILE (Scegli file) button and locate the previous compiled binary file.



Press the button UPDATE to start upload. If your bulb was powered ON you will see it blinking very fast during the upload (**if you're person epileptic not look at the light!**). Please wait until OK appear in your browser. The upload procedure can be very fast or very slow depending on your network. Be patience until you will receive any messages.



OK

If you want to write your own sketch we suggest to start always using the EMPTY sketch available from FILE->EXAMPLES->LYT8266Led. In this way you will not forget to add the OTA libraries and process it inside your sketches. If you will forgot it the only way to recover the LYT8266 and upload a new sketch will be the serial programming cable (please refer to LYT8226 PROGRAMMING CABLE KIT document).