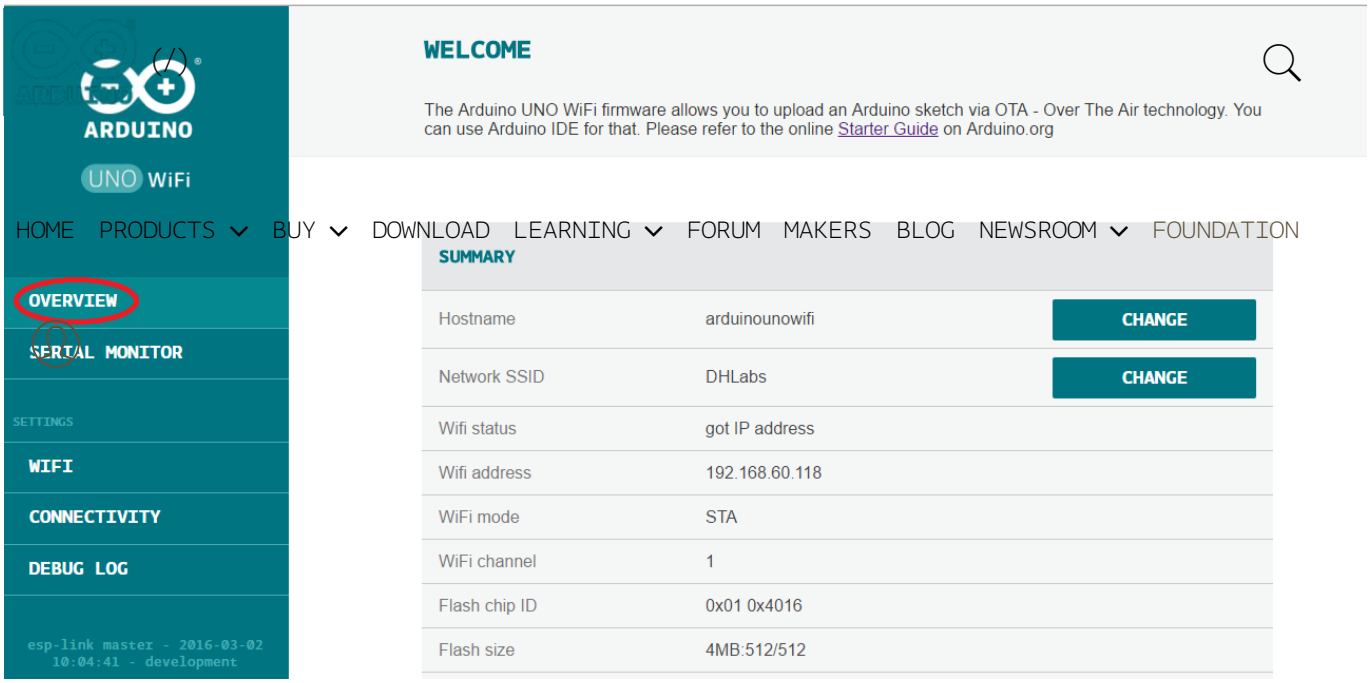
Start with Arduino UNO WiFi

GETTING STARTED FIRST SKETCH WEB PANEL

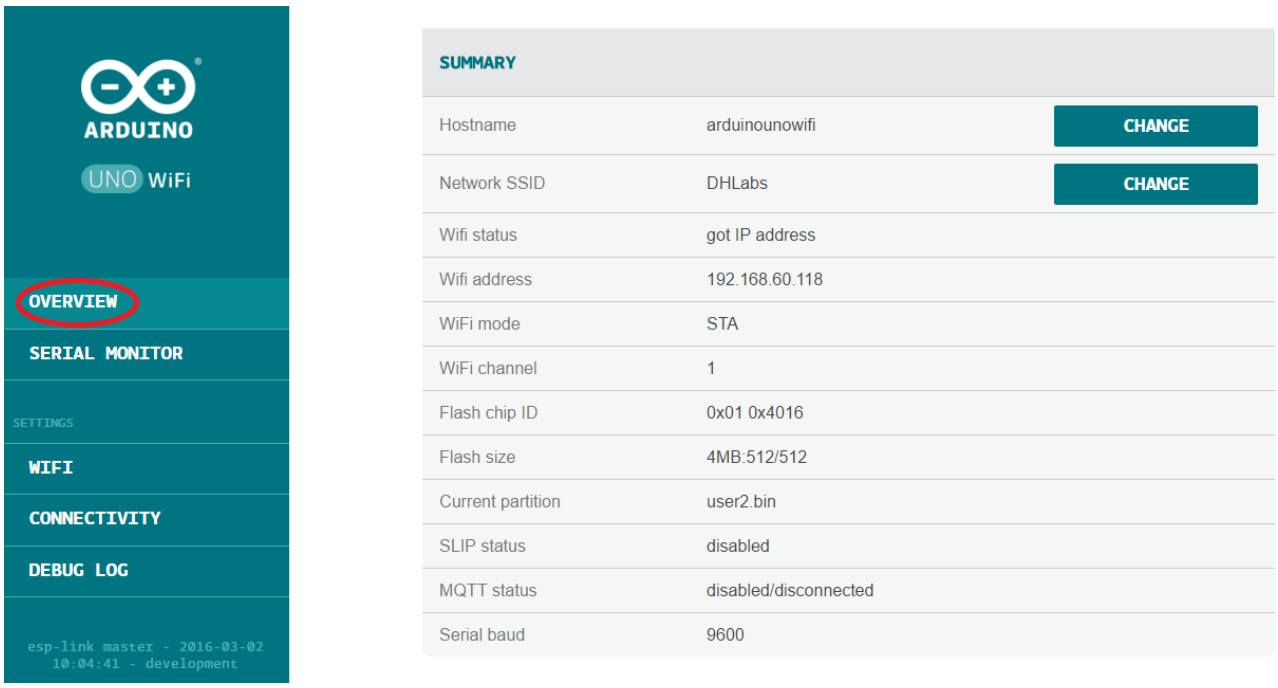
The Arduino UNO WiFi has a Web panel that it can be reached in different ways:
- If the board isn't been configurated yet, you can access inserting in the browser this link: http://192.168.240.1/ (http://192.168.240.1/)
In this case look the getting started guide to configure it.
- If the board is been correctly configured then you can insert the ip address (xxx.xxx.xxx.xxx) or the hostname(hostname.local/) from browser.

The Web panel has a simple menu that it is formed from five items: OVERVIEW, SERIAL MONITOR, WIFI,CONNECTIVITY and DEBUG LOG.
The Home page of the Web Panel corresponds to OVERVIEW menu, as shown in the below image:



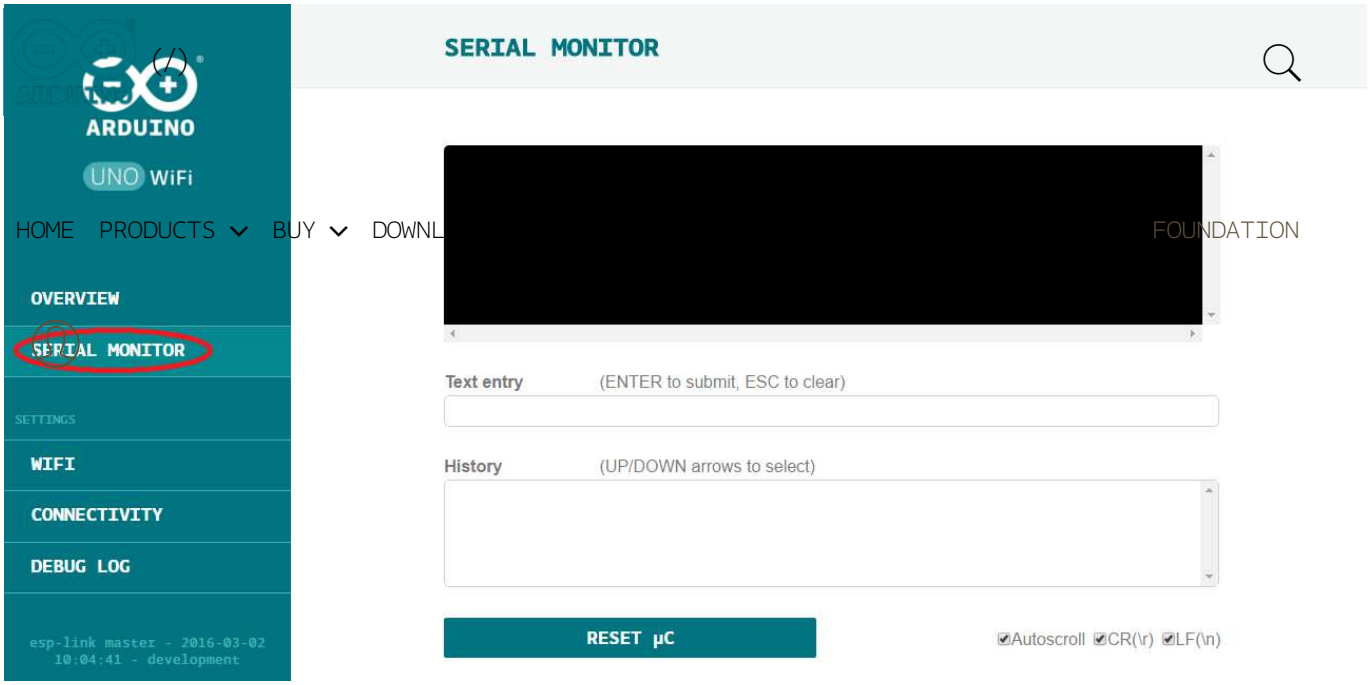
(/images/tutorials/overview-1png.png)

In the Overview are shown all the informations about the configuration board:
the hostname, the network SSID, Wifi address, Wifi mode,...



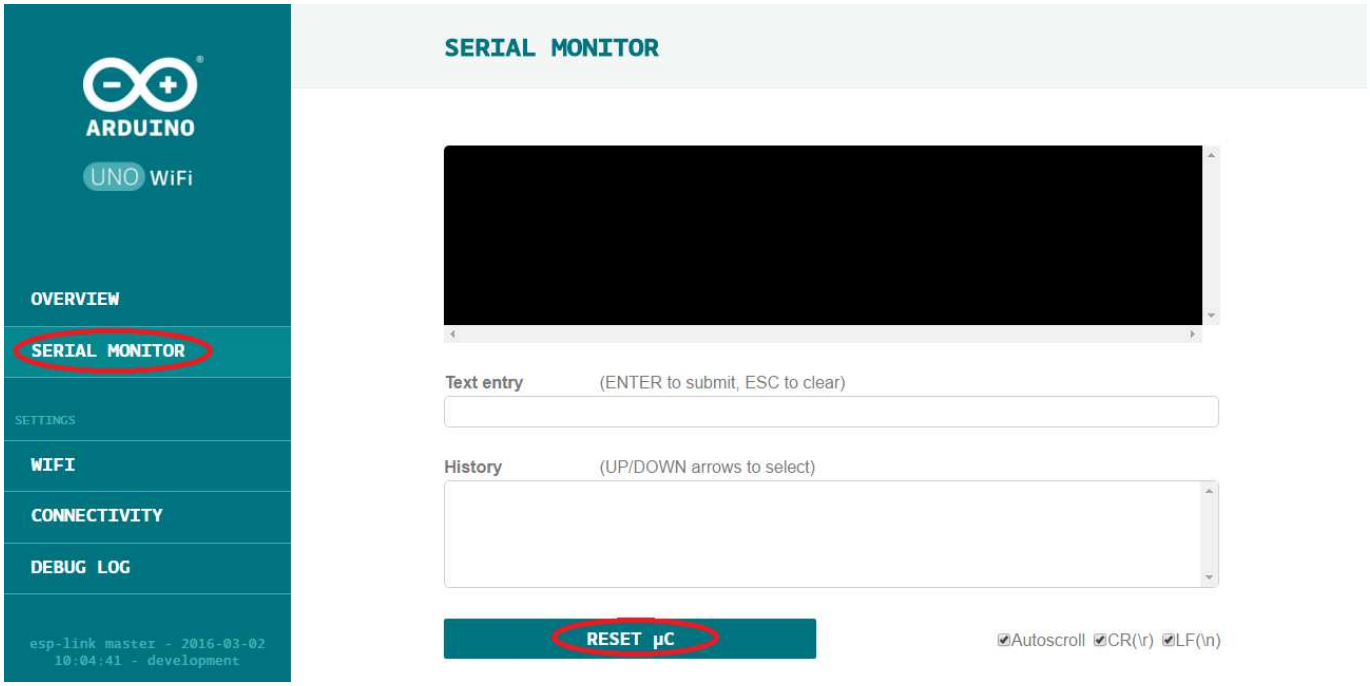
(/images/tutorials/overview-2.png)

Clicking on SERIAL MONITOR appears a serial monitor useful to display the results when you upload a sketch.



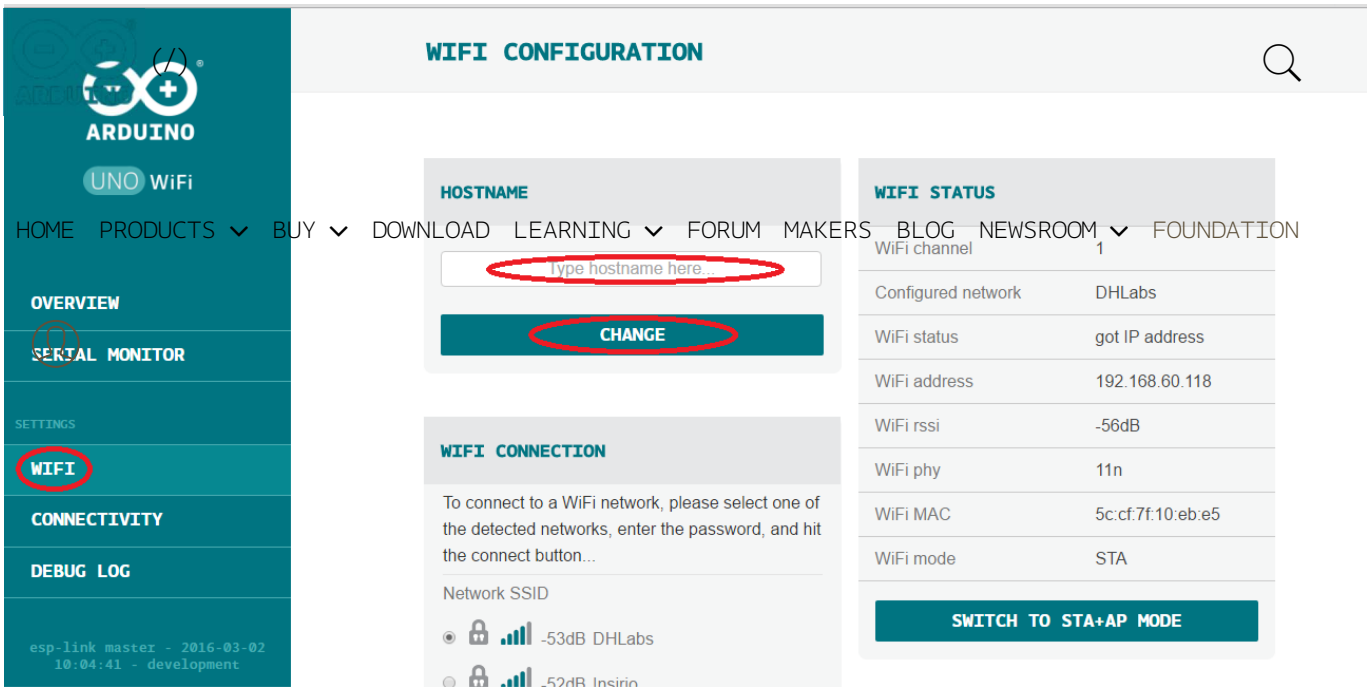
(/images/tutorials/serial-monitor1.png)

Furthermore in this section it is possible to reset the microcontroller clicking on RESET uC button.



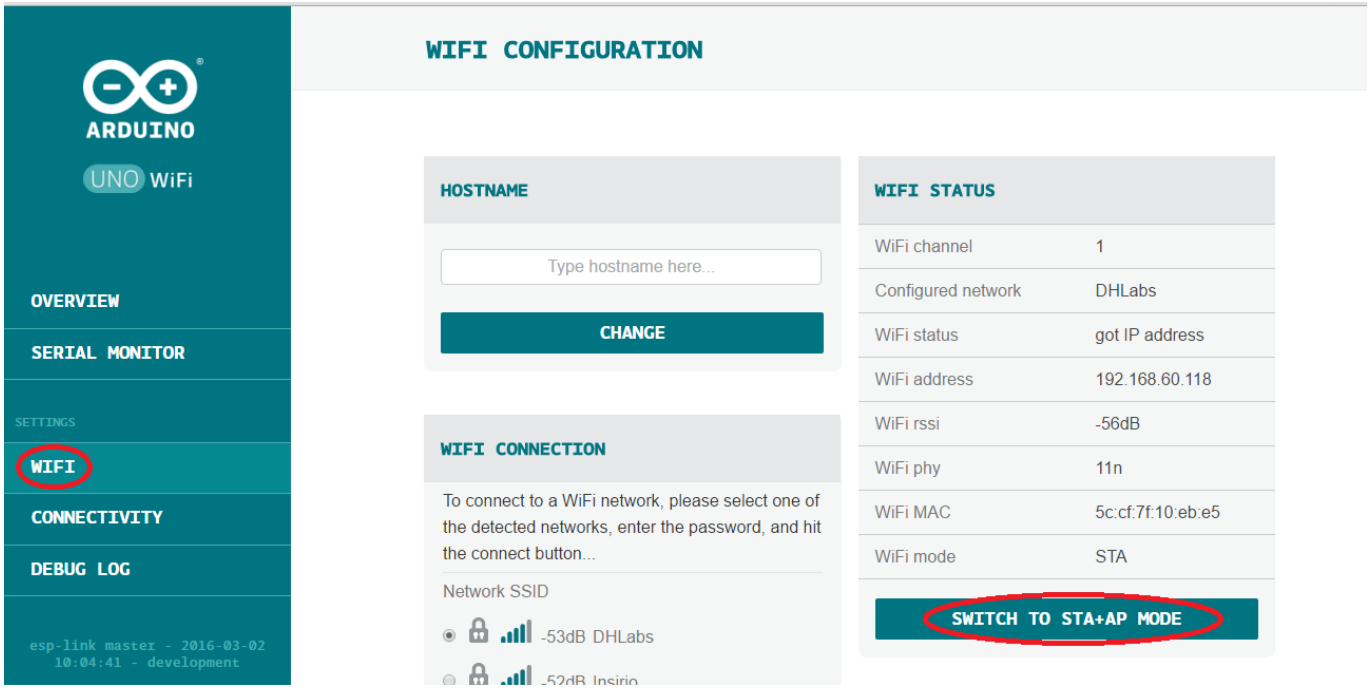
(/images/tutorials/serial-monitor-2.png)

Instead selecting from left menu the WIFI section, you can change the hostname simply typing the ne hostname in the dedicated bar and after to click on CHANGE button, as shown in the below image:



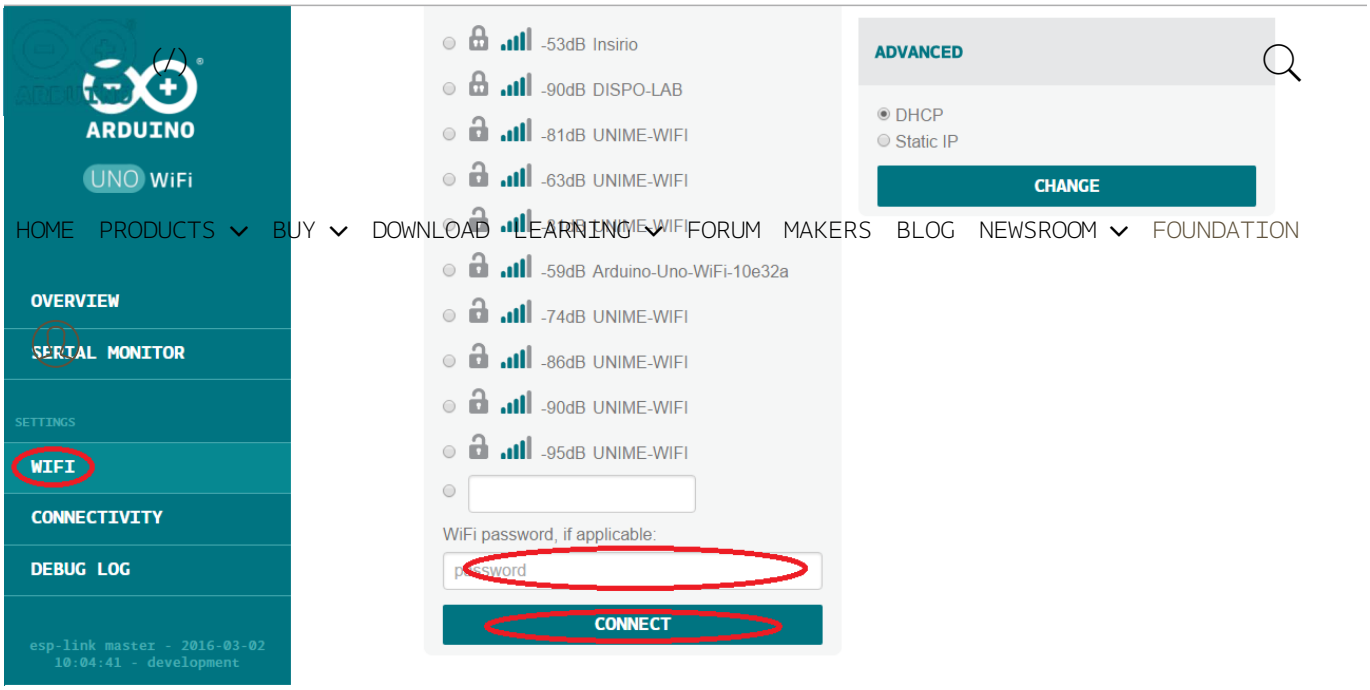
(/images/tutorials/wifi2.png)

It is possible also to switch to STA MODE or STA+AP MODE clicking the specific button, but keep in mi that it is advised to switch only in STA MODE because so the board will be visible on the Arduino IDE furthermore, you will be able to protect it from possible attacks, since it will no longer be visible as op network.



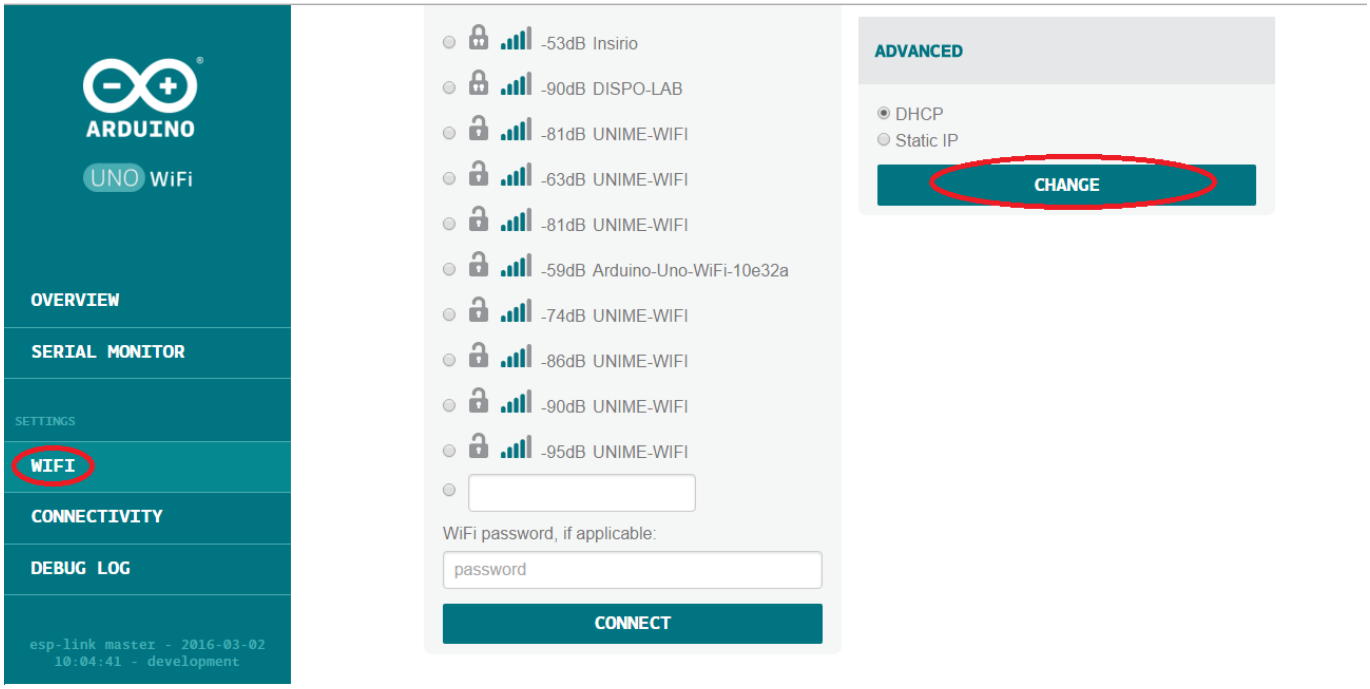
(/images/tutorials/wifi3.png)

It is possible to connect the board to a network selecting it, inserting the correct password and clickin on CONNECTbutton.



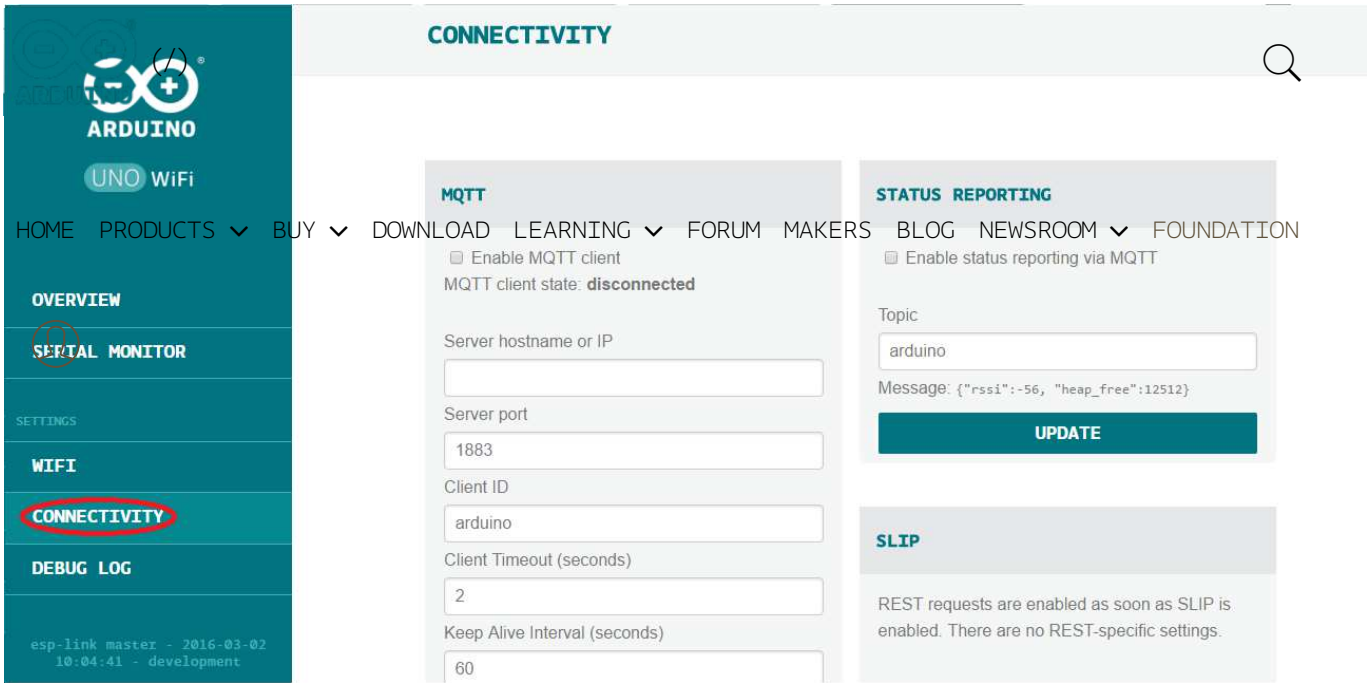
(/images/tutorials/wifi4.png)

In this section you can also choose if to use the DHCP or the Static IP, as shown in the picture:



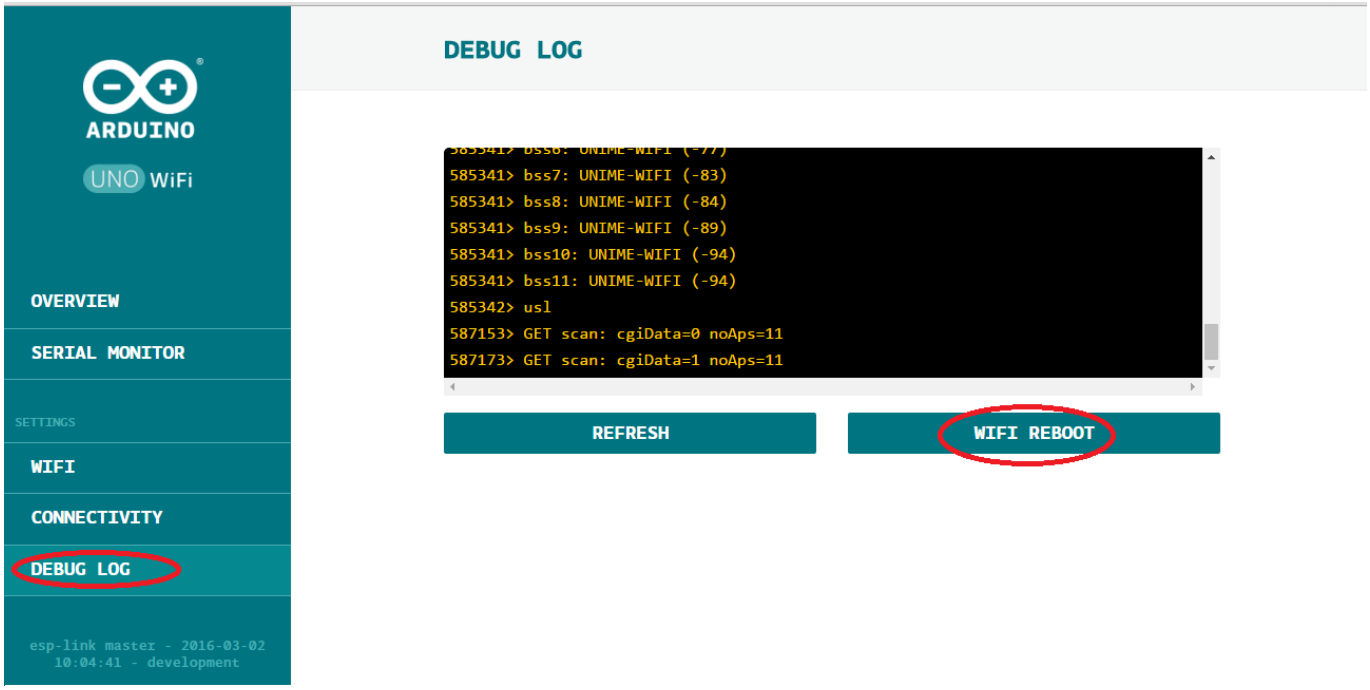
(/images/tutorials/wifi5.png)

In the CONNECTIVITY section you can enable the connection services for example the client MQTT an SLIP:



(/images/tutorials/connectivity.png)

Finally in the DEBUG LOG it is shown the debug log and it is possible to reboot the WiFi clicking the W REBOOTbutton:



(/images/tutorials/Debug.png)

GETTING STARTED WITH YOUR BOARD

START WITH ARDUINO UNO WIFI
(/learning/getting-started/getting-started-with-arduino-uno-wifi)

START WITH ARDUINO UNO
(/learning/getting-started/getting-started-arduino-uno)

START WITH ARDUINO YUN
(/learning/getting-started/getting-started-with-arduino-yun)

START WITH ARDUINO NANO
(/learning/getting-started/getting-started-with-arduino-nano)

START WITH ARDUINO TIAN
(/learning/getting-started/getting-started-with-arduino-tian)

START WITH ARDUINO MEGA 2560
(/learning/getting-started/getting-started-with-arduino-mega-2560)

START WITH ARDUINO INDUSTRIAL 101
(/learning/getting-started/getting-started-with-arduino-industrial-101)

START WITH ARDUINO M0 PRO
(/learning/getting-started/getting-started-with-arduino-m0-pro)

START WITH ARDUINO LEONARDO ETH
(/learning/getting-started/getting-started-with-arduino-leonardo-eth)

GETTING STARTED WITH YOUR SHIELD

START WITH ARDUINO ETHERNET SHIELD 2
(/learning/getting-started/getting-started-with-arduino-ethernet-shield-2)

START WITH ARDUINO GSM SHIELD 2

(/learning/getting-started/getting-started-with-arduino-gsm-shield-2)

(/)

START WITH ARDUINO WIFI SHIELD
(/learning/getting-started/getting-started-with-arduino-wifi-shield)

HOME PRODUCTS BUY DOWNLOAD LEARNING FORUM MAKERS BLOG NEWSROOM FOUNDATION

GETTING STARTED WITH YOUR ACCESSORIES

START WITH ARDUINO ROBOT LCD
(/learning/getting-started/getting-started-with-arduino-robot-lcd)

START WITH ARDUINO ISP
(/learning/getting-started/getting-started-with-arduino-isp)

START WITH ARDUINO USB 2 SERIAL MICRO
(/learning/getting-started/getting-started-with-arduino-usb-2-serial-micro)

START WITH ARDUINO USB 2 SERIAL MINI
(/learning/getting-started/getting-started-with-arduino-usb-2-serial-mini)

START WITH ARDUINO MINI USB ADAPTER
(/learning/getting-started/getting-started-with-arduino-mini-usb-adapter)

DID YOU ENJOY YOURSELF WITH ARDUINO? JOIN THE COMMUNITY !

SHARE YOUR PROJECT (MAILTO:MAKERS@ARDUINO.ORG)