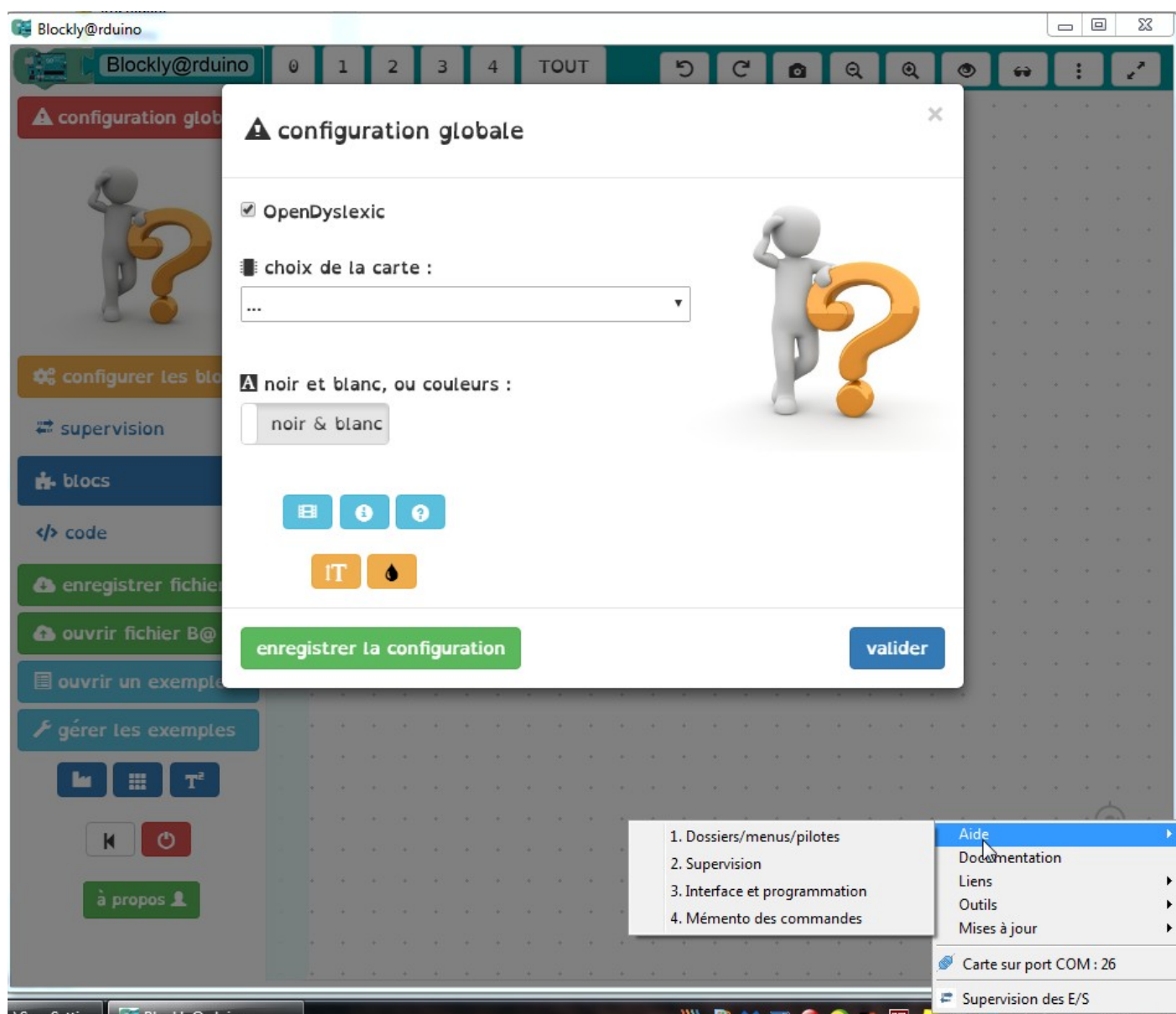
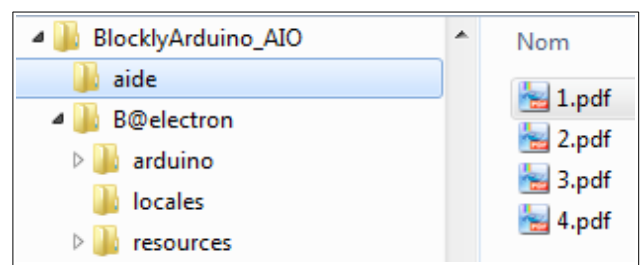
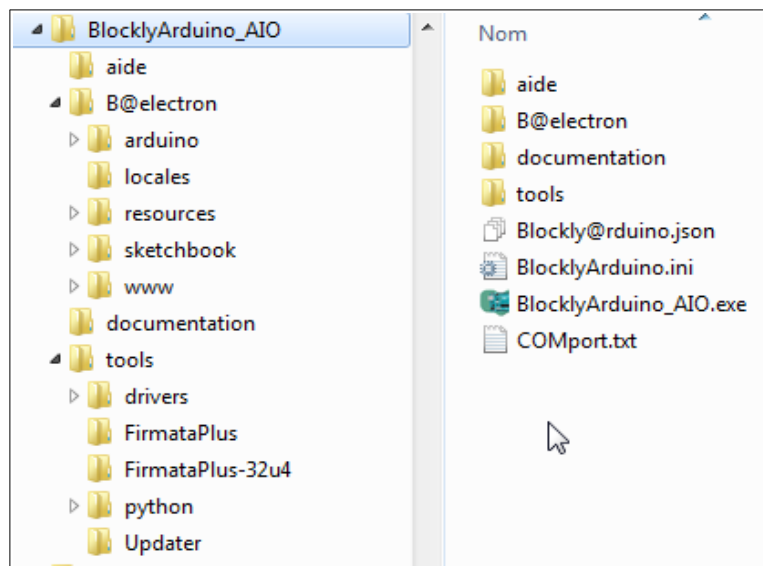


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Interface.....	7
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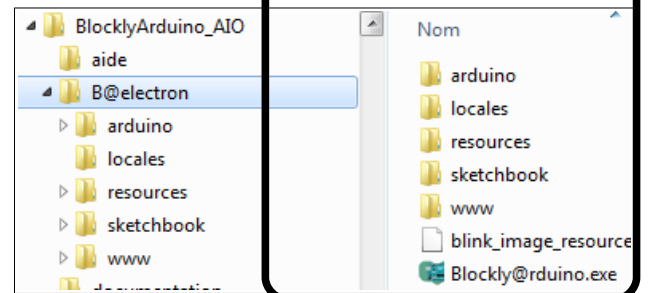




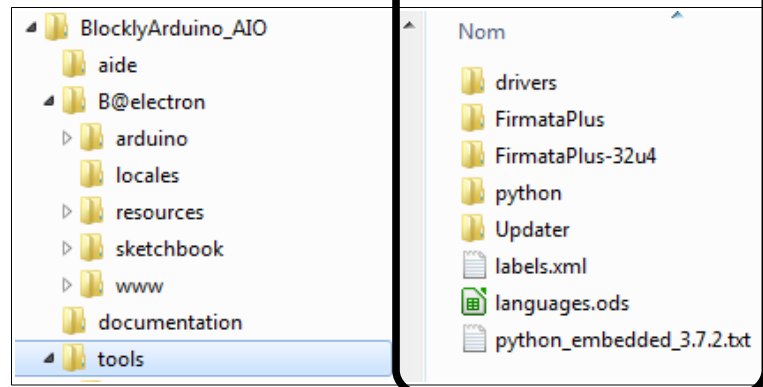
## DOSSIERS / FOLDERS



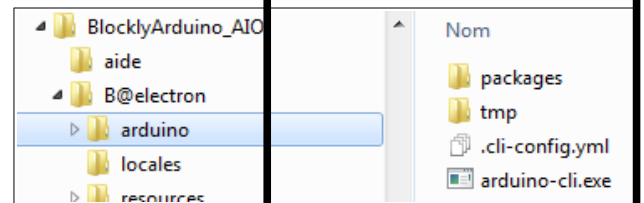
## Blockly@arduino portable



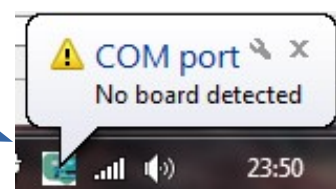
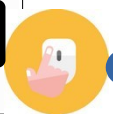
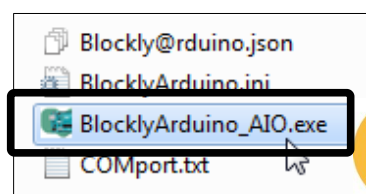
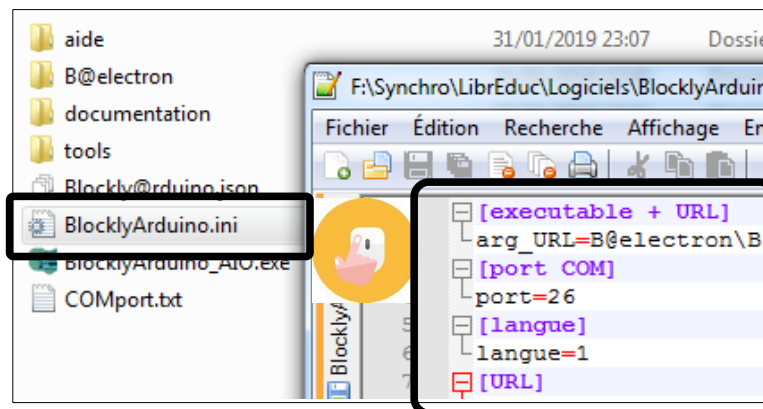
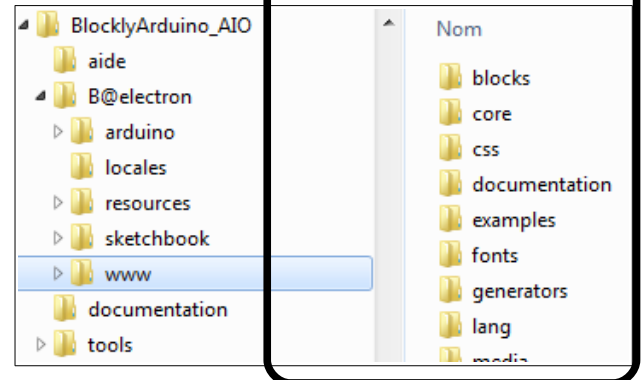
## Communication



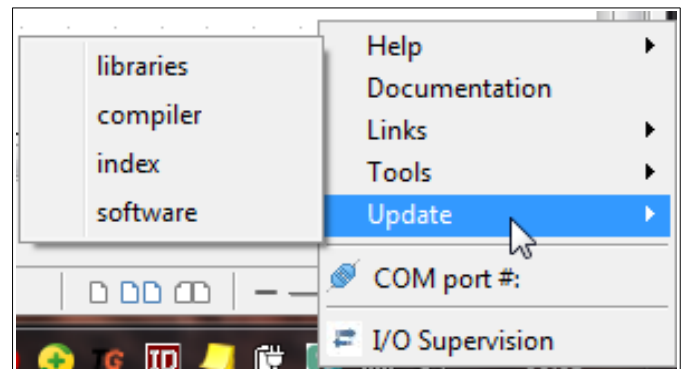
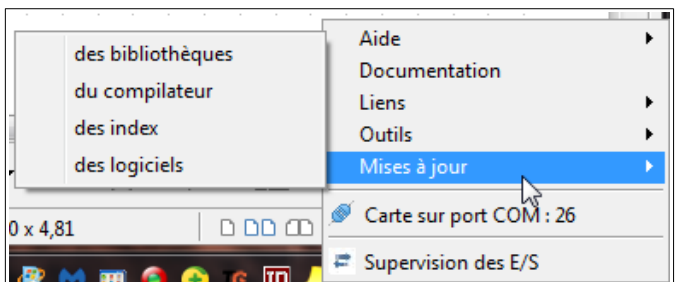
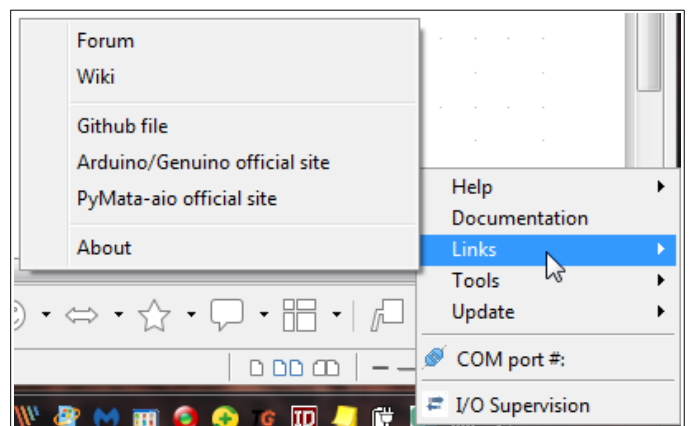
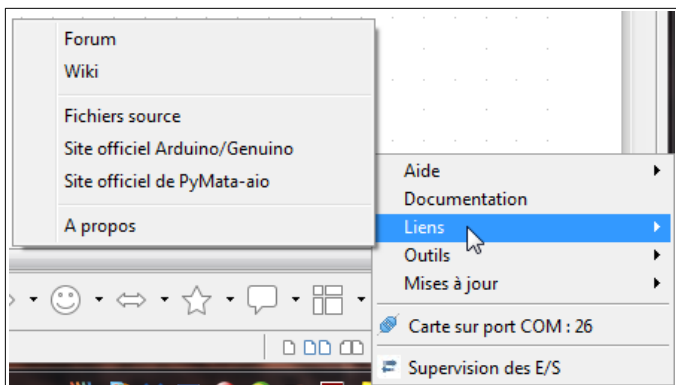
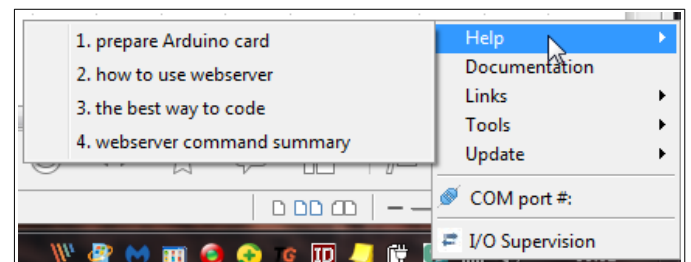
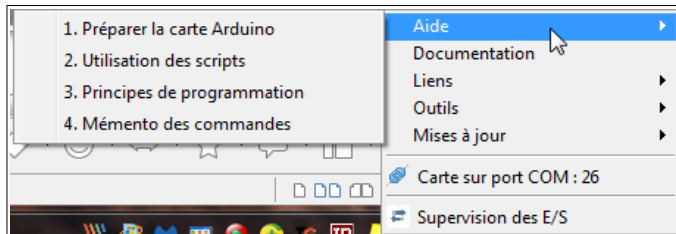
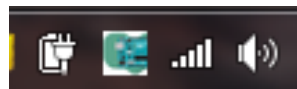
## Arduino Command Line



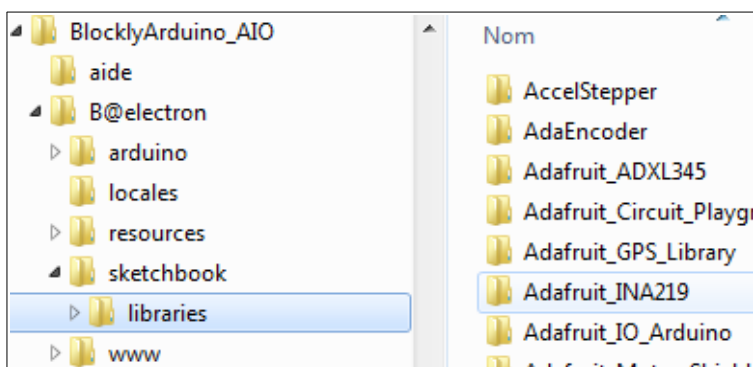
## Blockly@arduino



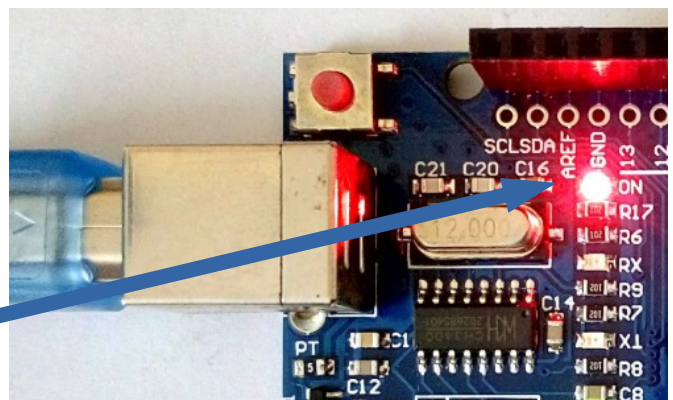
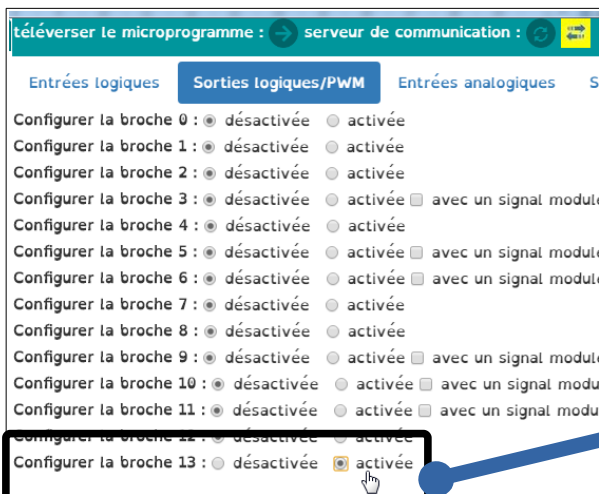
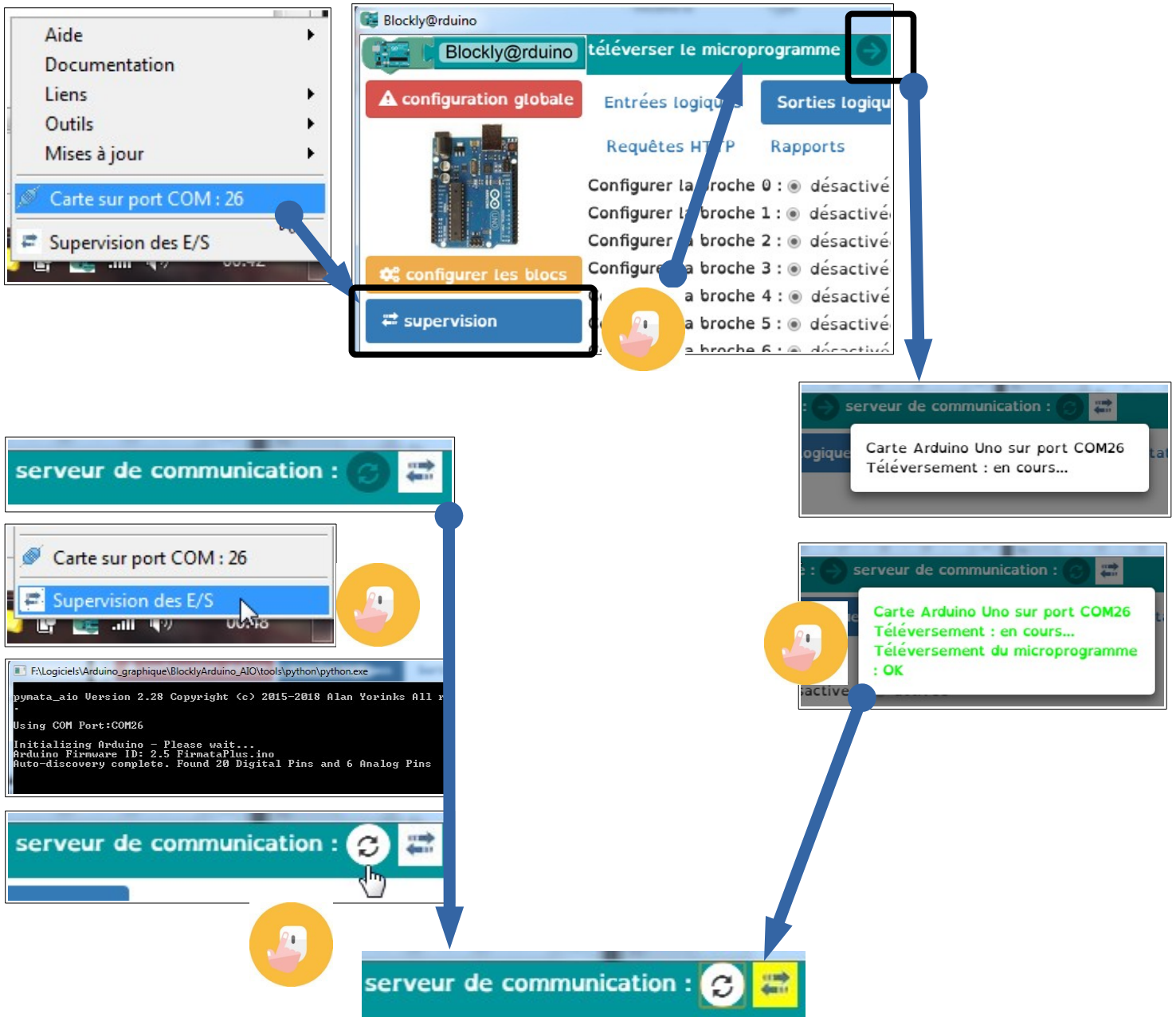
## BARRE DES TÂCHES / TRAY ICON



## BIBLIOTHÈQUES / LIBRARIES



### FIRMATAPLUS





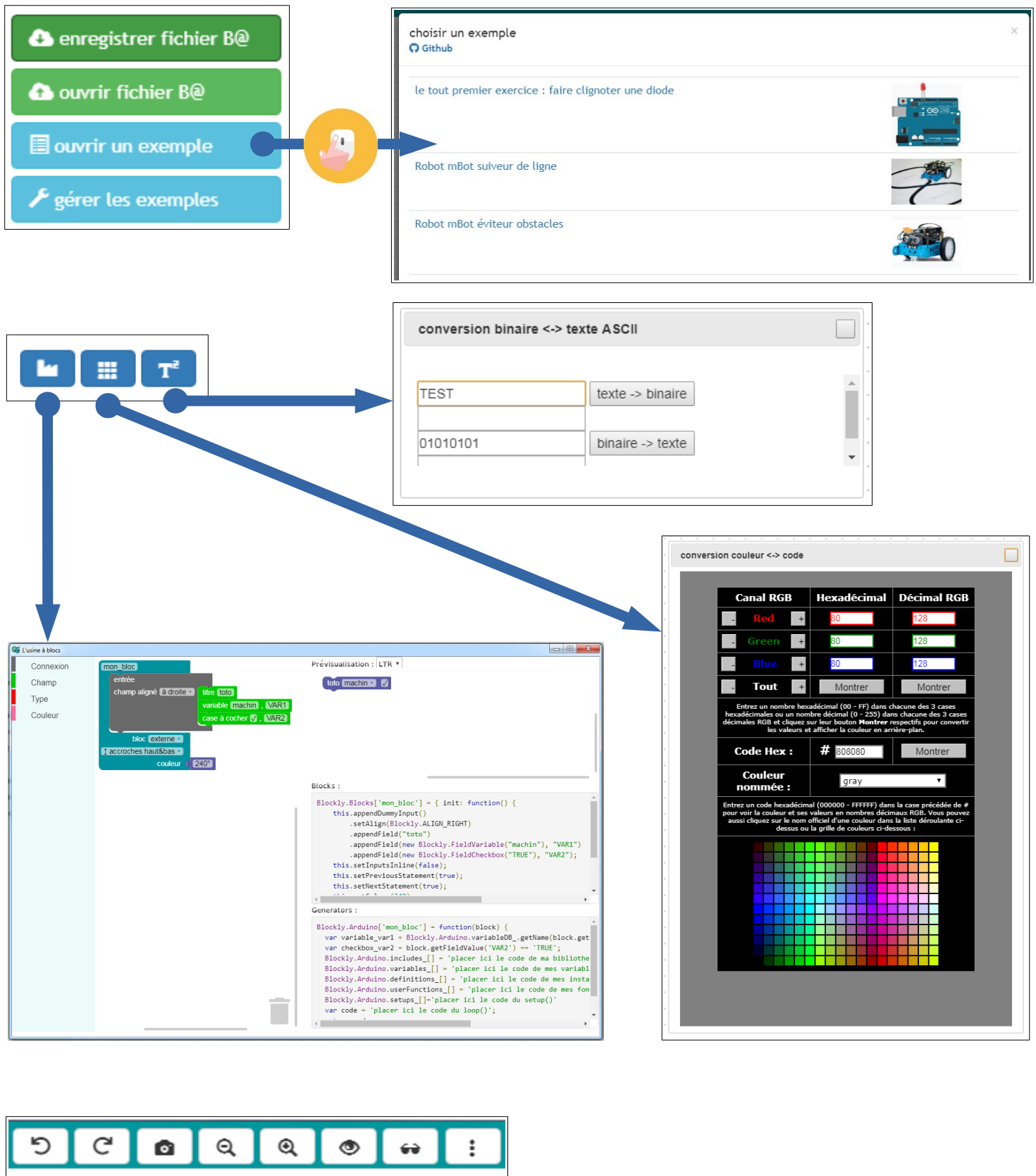
## CONFIGURATION



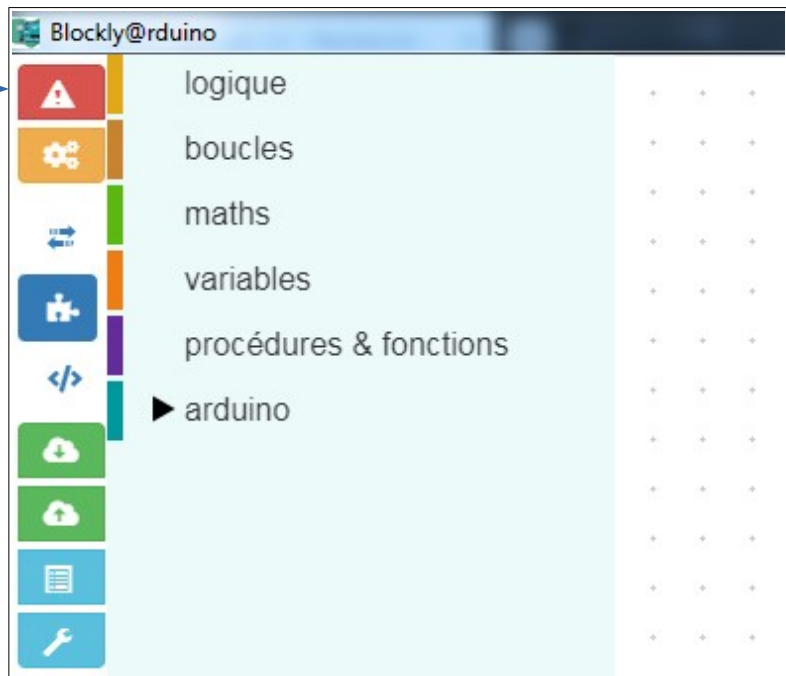
The image shows the Blockly@arduino configuration interface, which is divided into three main sections:

- Configuration globale:** This section allows users to configure the global settings of the environment. It includes a sidebar with a list of configuration options (configuration globale, configurer les blocs, supervision, blocs, code Arduino, enregistrer fichier B@, ouvrir fichier B@, ouvrir un exemple, gérer les exemples) and a main panel with a list of configuration options (OpenDyslexic, choix de la carte, noir et blanc, ou couleurs, enregistrer la configuration, valider). The 'validation' button is highlighted with a red box.
- Choix des catégories de blocs:** This section allows users to select the categories of blocks to be used in the programming environment. It includes a sidebar with a list of categories (configuration globale, configurer les blocs, supervision, blocs, code Arduino, enregistrer fichier B@, ouvrir fichier B@, ouvrir un exemple, gérer les exemples) and a main panel with a list of categories (toutes les rubriques, logique, boucles, maths, listes - tableaux, texte, variables, procédures & fonctions, arduino, anémomètre à coupelles, infrarouge, couleur + mouvement, afficheur OLED I2C, DEL RGB en série, Matrice 8x8 DEL RVB, servo-moteur, mBot, Moteurs pas à pas, carte Esus, MRduino Robot, écrans LCD, bluetooth divers, clavier tactile, Sharp infrarouge, RFID, Carte Autoduino, Maquette A4 AutoAlarme, Maquette A4 AutoLumi, Maquette A4 Portail 1, ethernet, BLYNK.CC, I2C, SPI, Ecrans LCD, RF433). The 'validation' button is highlighted with a red box.
- Blockly@arduino workspace:** This section shows the main programming workspace. It includes a sidebar with a list of categories (configuration globale, configurer les blocs, supervision, blocs, code Arduino, enregistrer fichier B@, ouvrir fichier B@, ouvrir un exemple, gérer les exemples) and a main panel with a list of categories (logique, boucles, maths, variables, procédures & fonctions, arduino, entrées (capteurs), sorties (actionneurs), conversions, communications, stockage de données). The 'validation' button is highlighted with a red box.

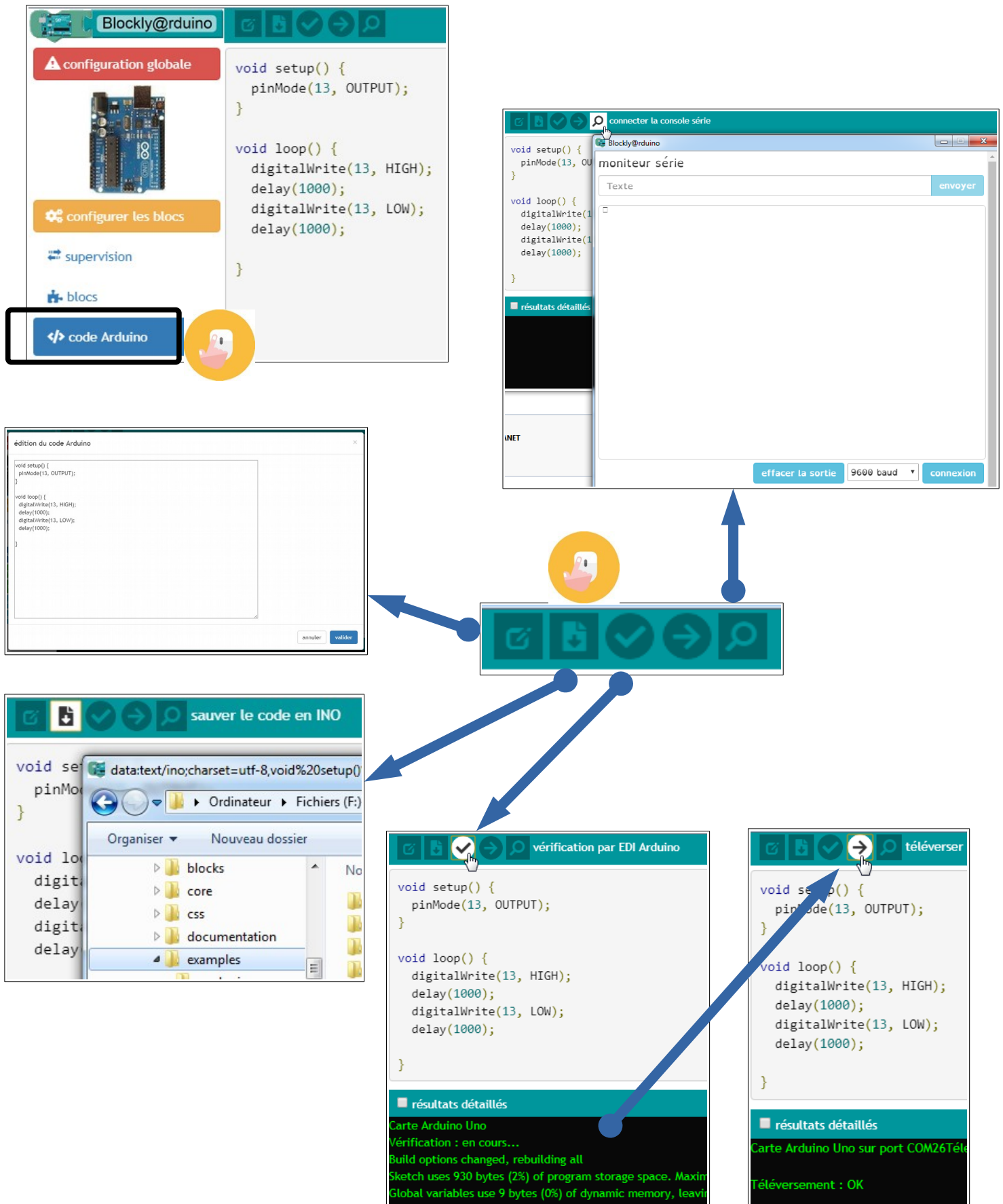
## OUTILS / TOOLS



## INTERFACE

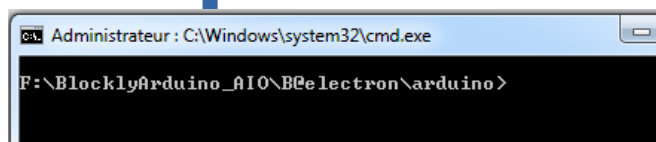
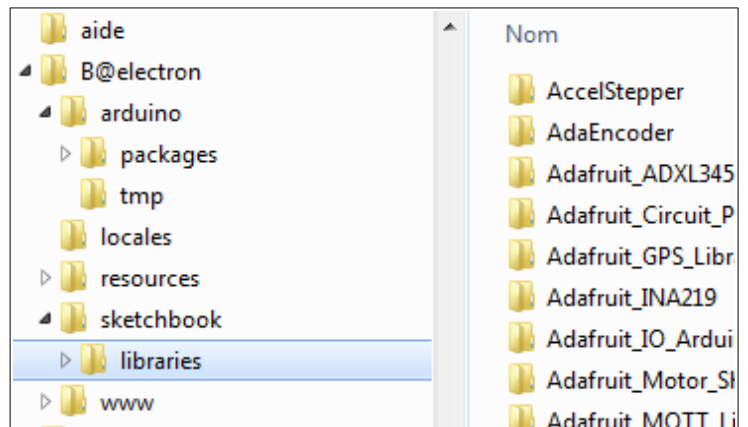
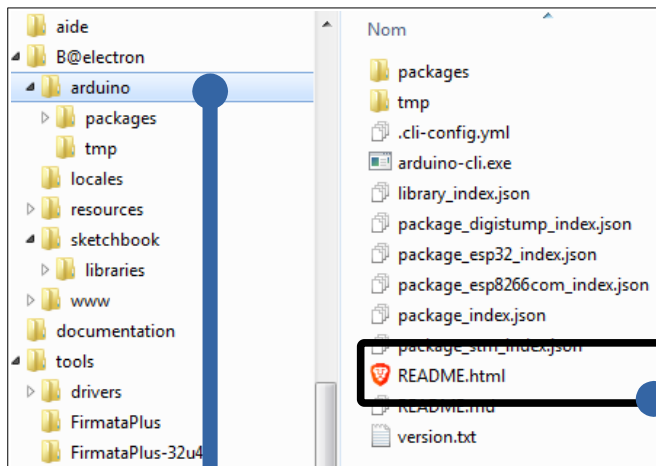


## TÉLÉVERSEMENT / UPLOAD





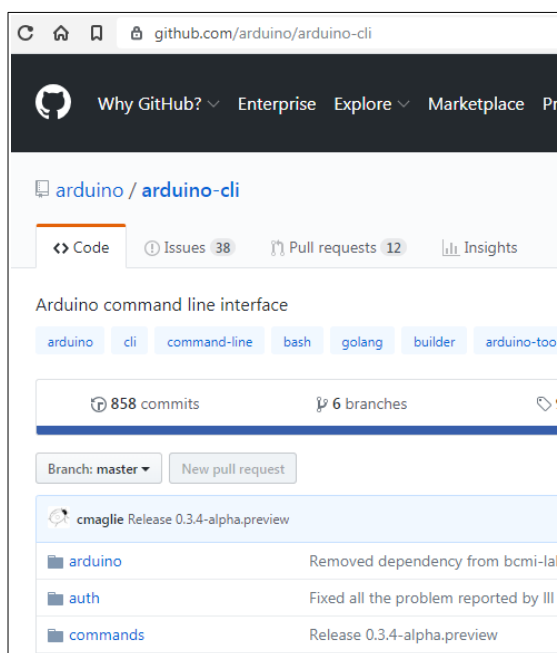
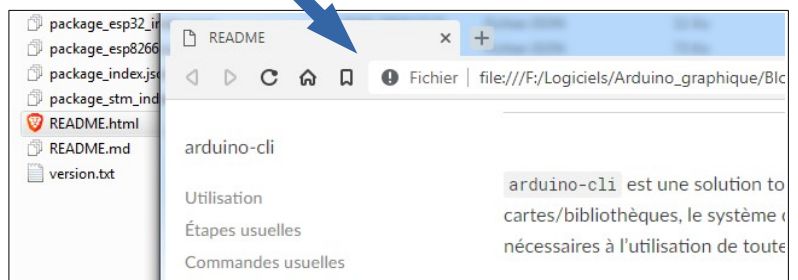
## CLI



```

arduino-cli core update-index
arduino-cli board list
arduino-cli core list
arduino-cli compile --fqbn arduino: ...
arduino-cli upload -p COMx --fqbn arduino: ...
arduino-cli lib install "WiFi101"
arduino-cli lib upgrade

```



<https://github.com/arduino/arduino-cli>



## STM32, ESP8266, ESP32, WEMOS D1 MINI, WEEDUINO, ETC

```
# arduino-cli core update-index
Updating index: package_index.json downloaded
Updating index: package_esp8266com_index.json downloaded
Updating index: package_stm_index.json downloaded
Updating index: package_esp32_index.json downloaded
Updating index: package_digistump_index.json downloaded

# arduino-cli core search arduino
Searching for platforms matching 'arduino'

ID                Version      Name
Intel:arc32       2.0.4       Intel Curie Boards
arduino:avr       1.6.23      Arduino AVR Boards
arduino:megaavr   1.6.24      Arduino megaAVR Boards
arduino:nrf52     1.0.2       Arduino nRF52 Boards
arduino:sam       1.6.11      Arduino SAM Boards (32-bits ARM Cortex-M3)
arduino:samd      1.6.20      Arduino SAMD Boards (32-bits ARM Cortex-M0+)
arduino:samd_beta 1.6.25      Arduino SAMD Beta Boards (32-bits ARM Cortex-M0+)
arduino:stm32f4   1.0.1       Arduino STM32F4 Boards
esp8266:esp8266   2.5.0       esp8266
littleBits:avr    1.0.0       littleBits Arduino AVR Modules

# arduino-cli core install esp8266:esp8266
Downloading esp8266:esptool@2.5.0-3-20ed2b9...
esp8266:esptool@2.5.0-3-20ed2b9 downloaded
Downloading esp8266:xtensa-lx106-elf-gcc@2.5.0-3-20ed2b9...
esp8266:xtensa-lx106-elf-gcc@2.5.0-3-20ed2b9 downloaded
Downloading esp8266:mkspiffs@2.5.0-3-20ed2b9...
esp8266:mkspiffs@2.5.0-3-20ed2b9 downloaded
Downloading esp8266:esp8266@2.5.0-beta3...
esp8266:esp8266@2.5.0-beta3 downloaded
Installing esp8266:esptool@2.5.0-3-20ed2b9...
esp8266:esptool@2.5.0-3-20ed2b9 installed
Installing esp8266:xtensa-lx106-elf-gcc@2.5.0-3-20ed2b9...
esp8266:xtensa-lx106-elf-gcc@2.5.0-3-20ed2b9 installed
Installing esp8266:mkspiffs@2.5.0-3-20ed2b9...
esp8266:mkspiffs@2.5.0-3-20ed2b9 installed
Installing esp8266:esp8266@2.5.0-beta3...
esp8266:esp8266@2.5.0-beta3 installed

#
```