Table des matières

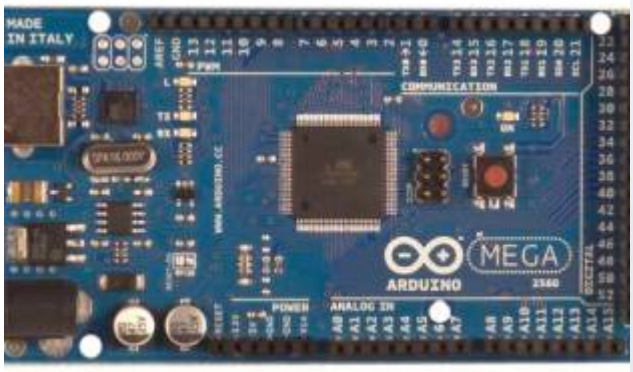
1. Home 3
1.1. Arduino / education software 3

1. Home

LibrEduc network

- Portal: www.libreduc.cc
- Blockly (education): blockly.libreduc.cc
- Network blog: libreduc.cc/blog
- Network map · Forum

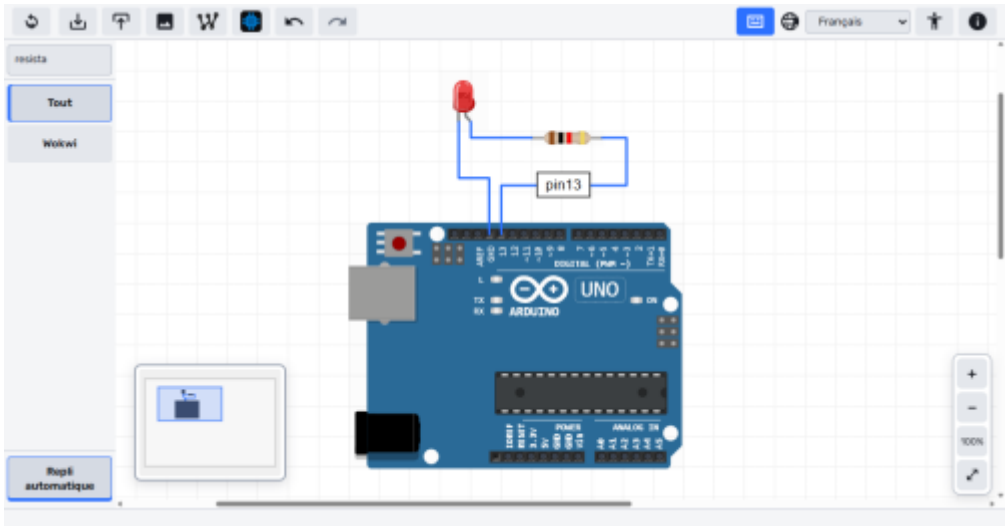
This wiki aims to share and pool **documentation / knowledge bases** around hardware such as Arduino boards and the Raspberry Pi (RPi for short), and around visual programming tools such as Scratch.



The whole wiki is under a Creative Commons licence. Its purpose is to answer practical questions, with **teaching use-cases** — *we are not doing technique for technique's sake* — to interface this hardware with the real world.

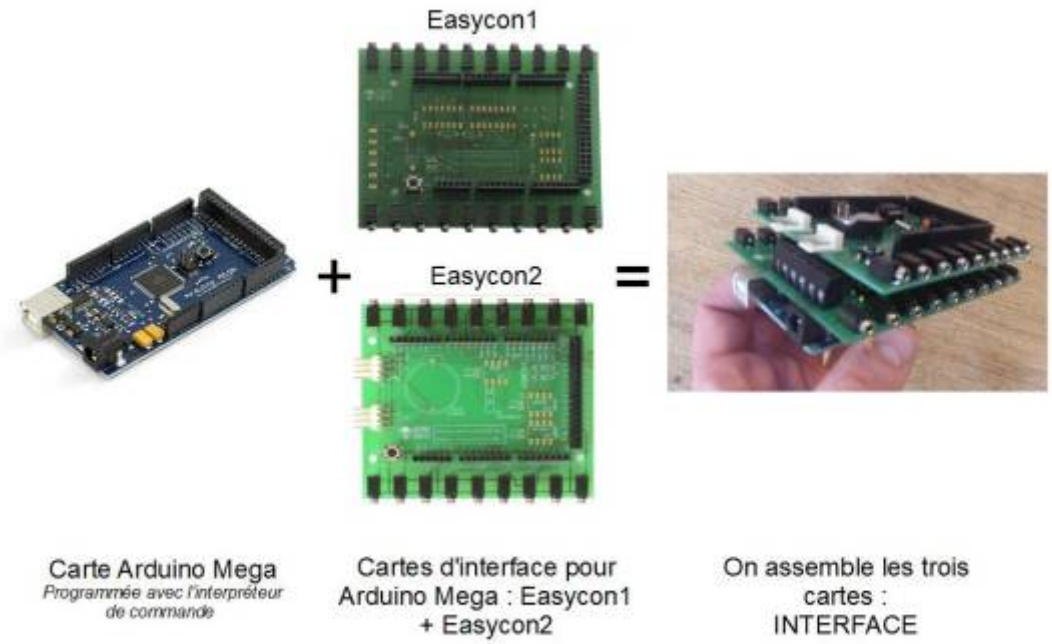
1.1. Arduino / education software

HackCable — electronic wiring editor (Arduino, ESP32, Fritzing catalog): components, wires, image / Wokwi / Velxio export. A-S-T-U-C-E fork under AGPL, usable alone or with µcBlockly.

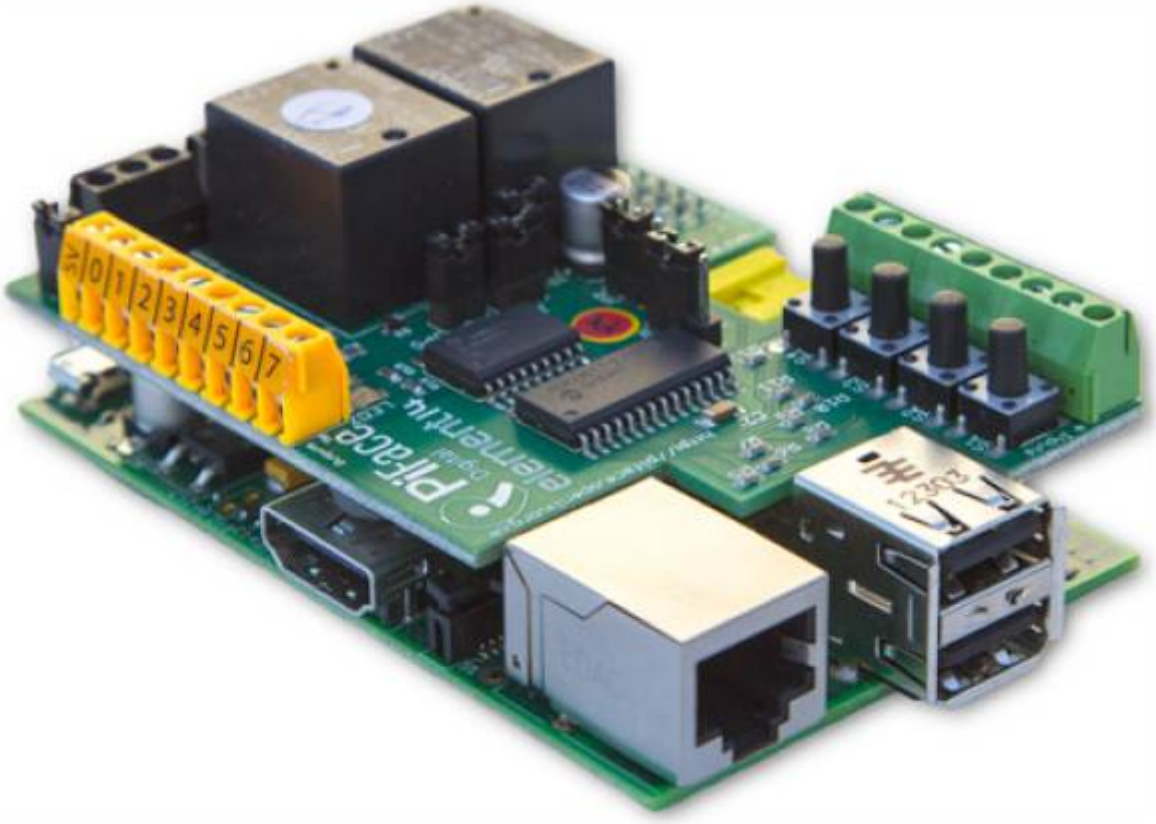


Here are a few boards that fit especially well:

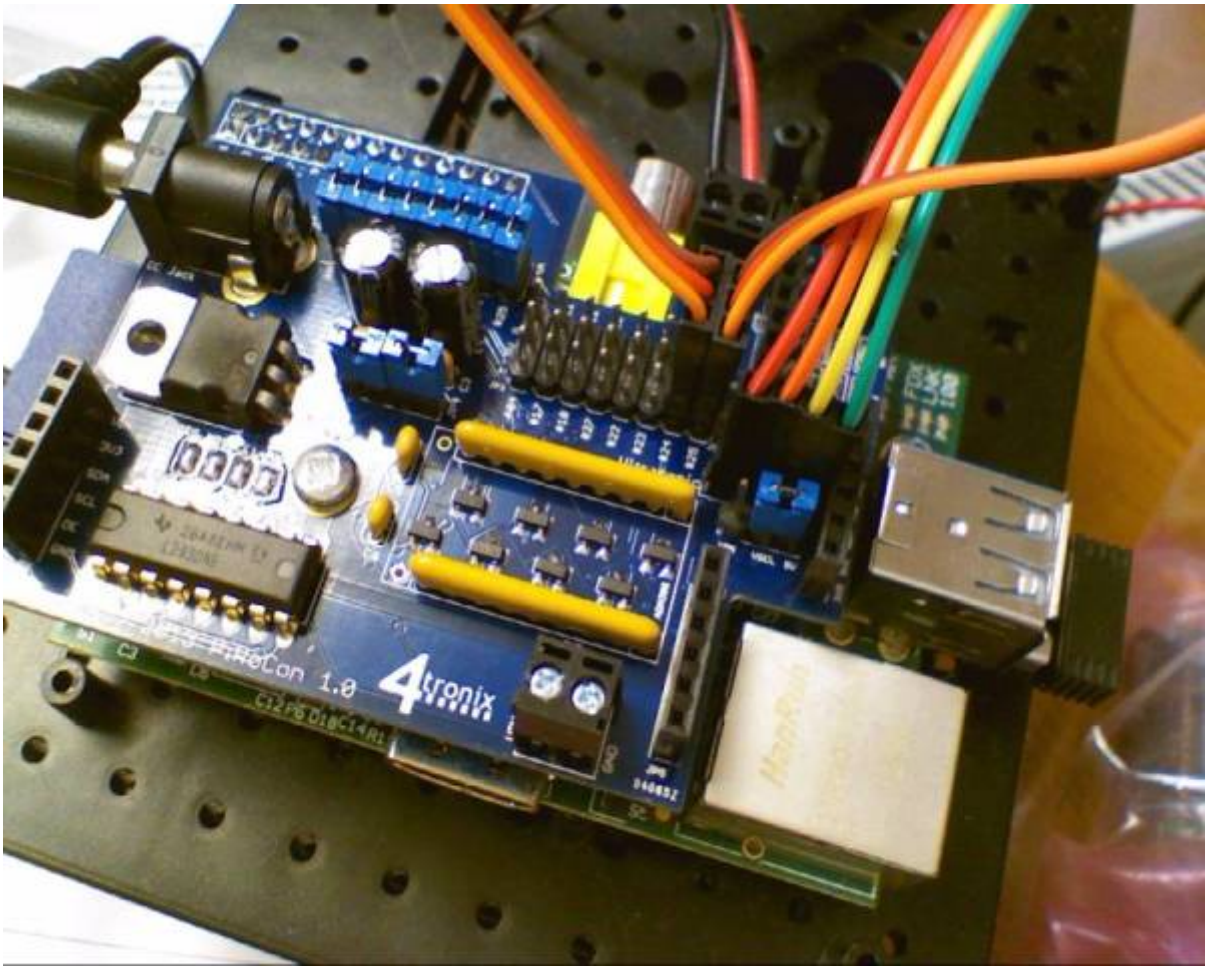
Easycon shield for Arduino — home automation and robotics for middle-school students



PiFace shield for Raspberry Pi — home automation (or basic robotics) from primary school



PiRoCon shield for Raspberry Pi — home automation and robotics from primary school



External links and ToDo list.

Version française

From:
https://wiki.libreduc.cc/ - **LibrEduc**

Permanent link:
https://wiki.libreduc.cc/en:accueil

Last update: **2026/09/27 00:21**