Wireless Sensor Board

Koji Yokokawa (Yengawa Systems) by Tetsuya Hayashi (ViewPoint Technology, Inc.) Kazuhiro Abe (Aoyama Gakuin University)

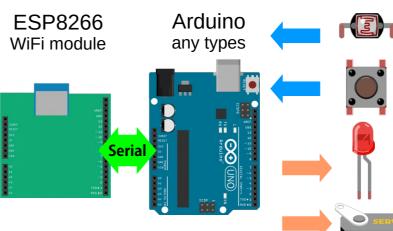


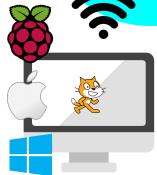
This is a new Arduino shield that you can connect to Scratch via WiFi-LAN.

It can be connected to multiple Scratch sessions simultaneously. With this, multiple users can make things together by using sensors and actuators in the physical world.

System Structure







Scratch 1.4

Scratch2.0
Offline Editor Ext.
is under developing NOW



Analog/Digital input pins are listed in the sensors menu of unmodified Scratch



You can control output pins on Arduino via variables of Scratch.

Update at

yokobond/scratch-wifi-board: https://github.com/yokobond/scratch-wifi-board