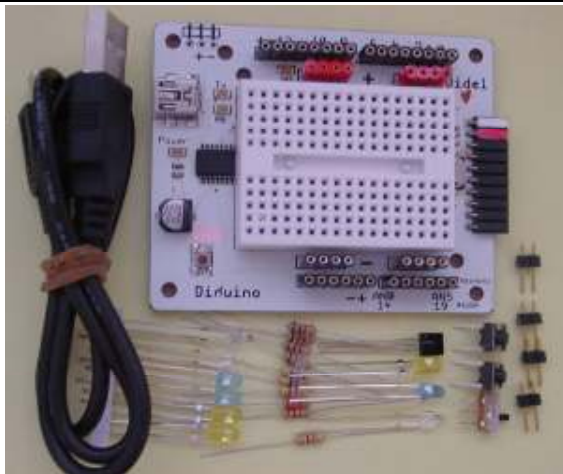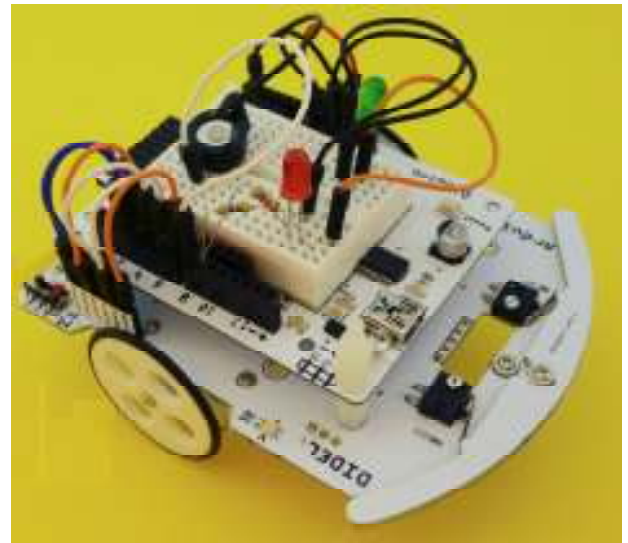# Diduibot, a smart robot

You look for a smart robot ? Diduibot combines Diduino starter kit and the XBotMicro platform. We begin by programming simple displacements, leaving away electronics till we need it to implement sensors .

Understanding microcontrollers and C language programming must be done step by step.

Start testing a LED, a sensor with the Diduino breaboard.
Understand the basis without being distracted by a moving robot.

Being able to pilot the robot is the motivating deal. Step by step understand sensors and behaviours.

Diduino	**XBotMicro**
AVR Atmega 328 board, Arduino compatible, well documented, ideal for beginners. Comes with breadboard, USB cable and lots of components.	Fully assembled platform with 　　2 motors, 　　2 whiskers 　　1 accu with loader 　　5 LEDs 　　8 connecting wires 　　8 10mm spacers

Put a Diduino board on XBotMicro and you get a Diduibot