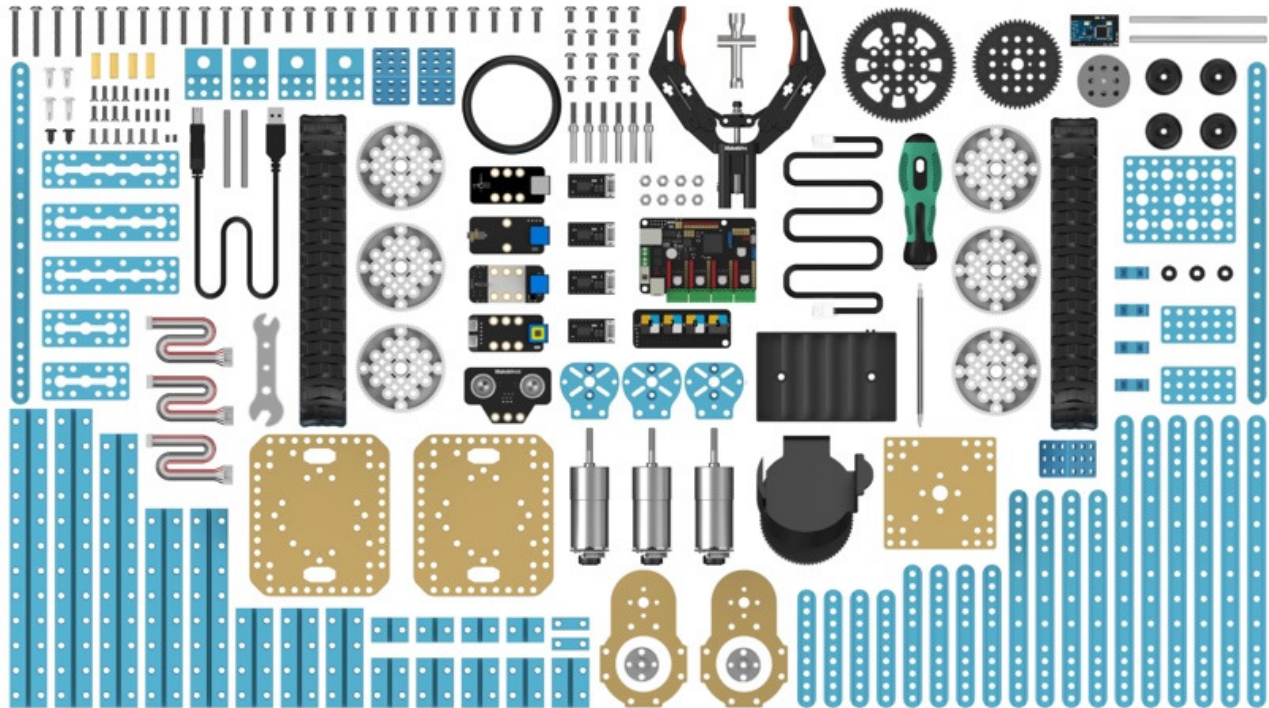


I decided to start a new hobby/life skill. I am looking at building and programming robotics. The "brain" is built in Italy (arduino), the hardware comes from China (the leading suppliers of robotics) and the development software is open source from MIT.

I have attached pictures of the parts. The saying "some assembly required and batteries not included" comes to mind. In fact the 7.4v batteries are on backorder.



I have not done any programming in 12 years and my C++ skills are very rusty.

The actual sensors include:

- light sensor
- PIR motion sensor
- temperature sensor
- RGB LED
- 7 segment display
- joystick
- potentiometer
- bluetooth module
- ultrasonic sensor
- shutter
- 3-axis accelerometer and gyro sensor
- compass
- black/white sensor (line follower)

It should keep me busy over the winter:

- designing and building the robots
- writing the code to run the robot or code it to run autonomously.

David

