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## Wiki / QuickStart Guide.pdf



Robert-MARKII Gravity IoT Starter Kit for Micro:bit

461d66e on 19 Feb 2019

1 contributor

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**MEET OBLOQ** 

#### What is OBLOQ?

OBLOQ is an extension module that allows micro:bit to connect to a Wi-Fi network. With MakeCode block editor, even a beginner can setup the connection to then send and receive data via EasyloT platform.



Electronic Device

Micro:bit

**OBLOQ** Module

Internet

**GET READY!** 

### To start your first IoT project, you will need the following things







micro:bit + Micro:Mate



Gravity Module

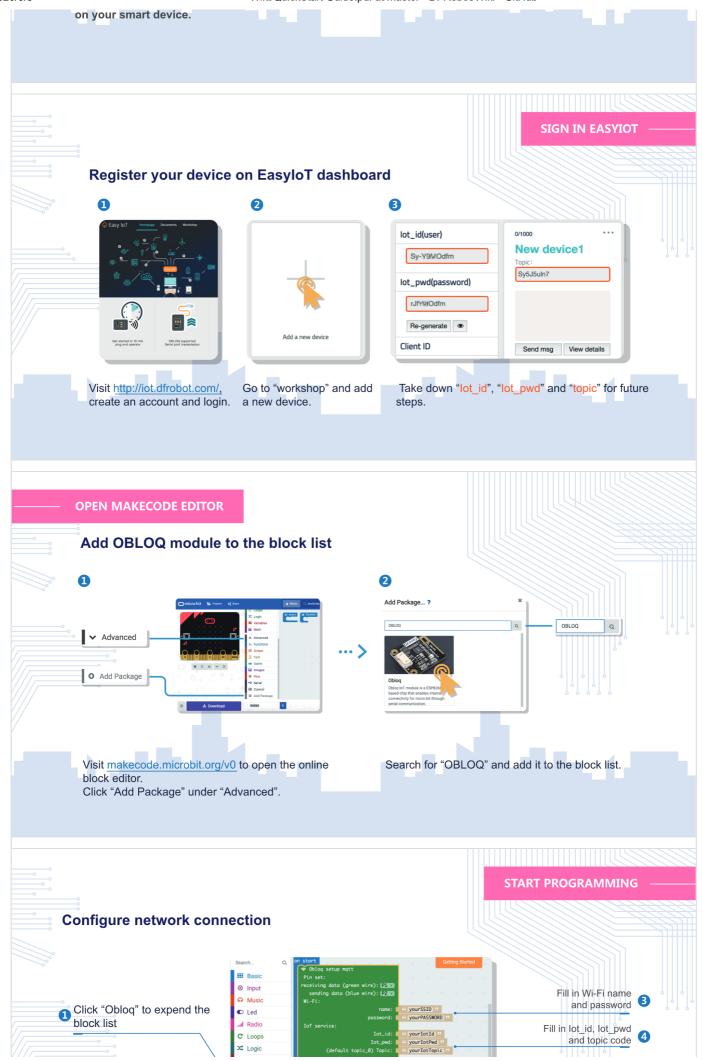


A Computer with USB port and internet connection



USB power bank as external power supply (optional)

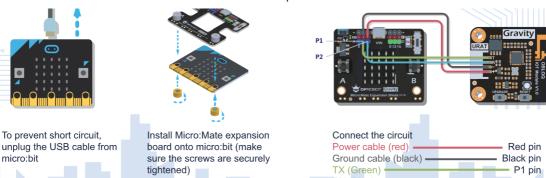
expansion shield USB port and external power sup internet connection. (optional)

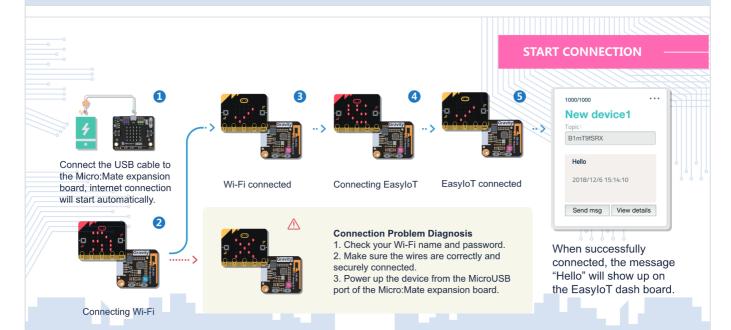




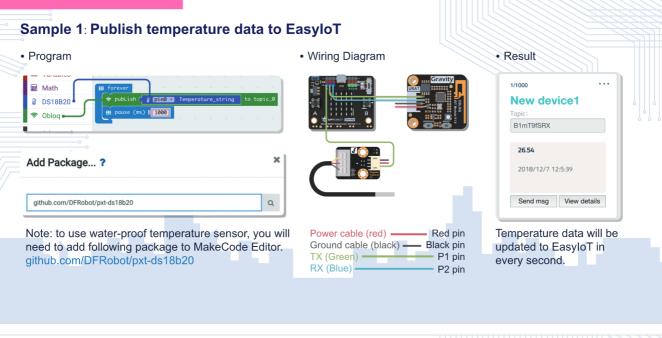
RX (Blue) -

P2 pin



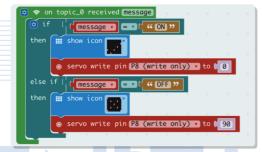








• Program





Note: Servo only works under 5V.

Put the switch on middle to set P8, P12, P16 to 5V (LED turns red)

Result



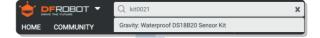
Control the servo by sending "ON" and "OFF" from EasyloT

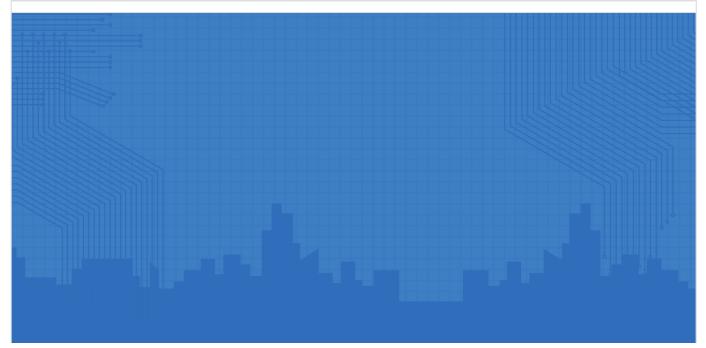


#### We are all set!

Now, add more Gravity modules to your project to bring IoT into your real life.

To learn more about this kit and Gravity series modules, go to DFRobot.com and search for their name or SKU number.





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