

Controlling IoT Devices

There are numerous ways of controlling IoT devices. On this course we will use a Bridge to control IoT devices.

- The Bridge is a Raspberry Pi 4 with a Zigbee USB dongle.
- The USB dongle is an antenna to communicate with IoT devices.
- The Bridge will use the Zigbee2MQTT open-source software.

Web Sockets

Web Sockets are a popular way of communicating with IoT devices. We will enable Web Sockets on the Mosquito MQTT server which is installed as part of the Zigbee2MQTT installation.

Once Web Sockets are enabled, we can use the react-native-paho-mqtt module in our App to control IoT devices connected to the Bridge.

<https://www.zigbee2mqtt.io/guide/getting-started>



Zigbee2MQTT

Zigbee to MQTT bridge, get rid of your
proprietary Zigbee bridges

Get Started

Supported Devices