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Building an IoT Empire

FOSDEM 2016
Mozilla Devroom

In this ½ hour...

IoT Demonstrations!

Connected lighting (REST)
Connected M2M (MQTT)
Connected H2M (Websockets)
...on the mobile IoT laboratory

# Live demonstrations on the IoT mobile lab
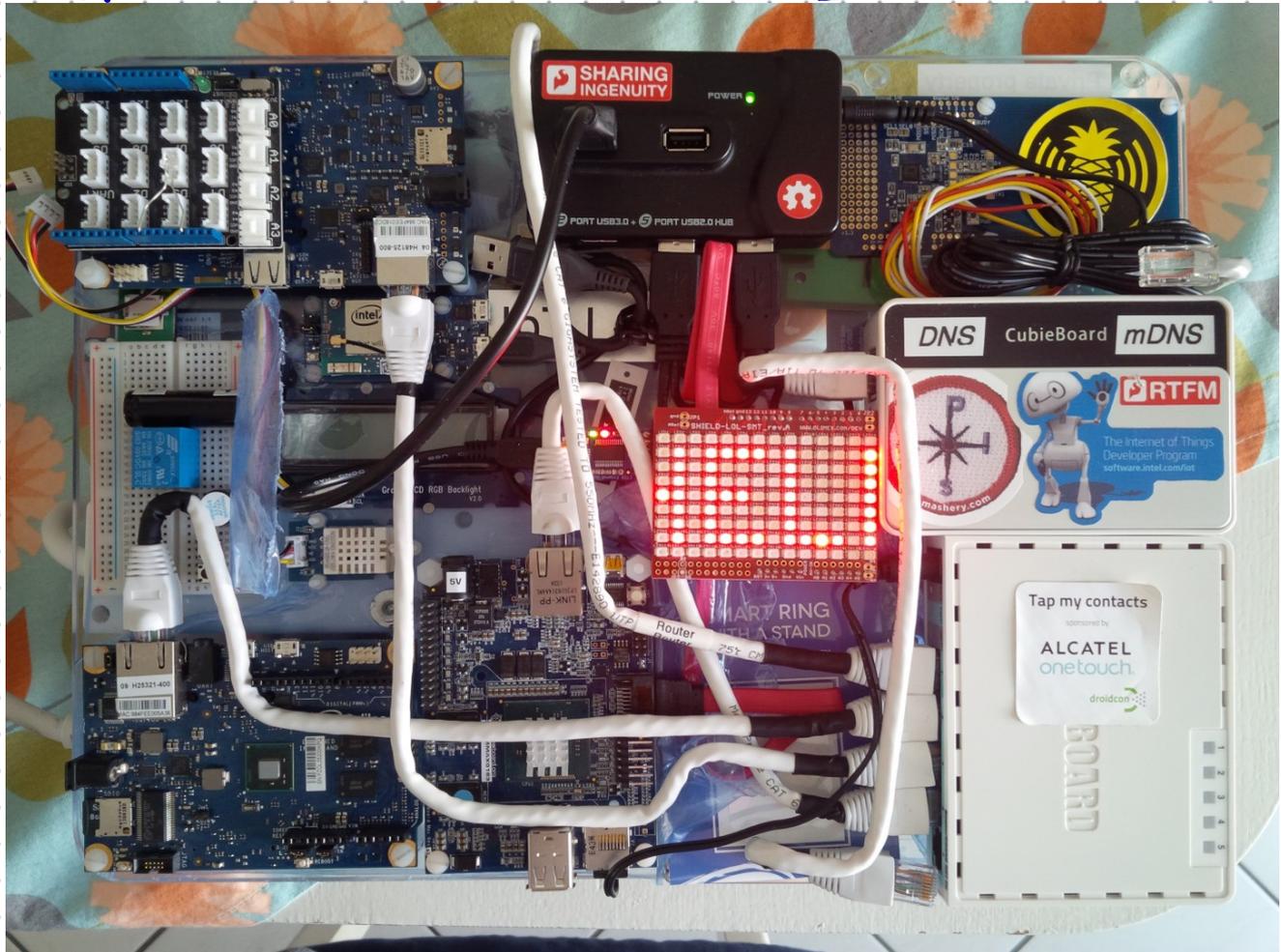
Introducing the mobile IoT lab

<Browser>
Flame

<((o))>

<WebServer>
Edison

<MQTT Broker>
RPI

AP
Access
Point

IP

IP

IP

Switch

<MQTT client> IP

Galileo

Copper
Ethernet

USB
serial

Arduino

Lot
of
LEDs
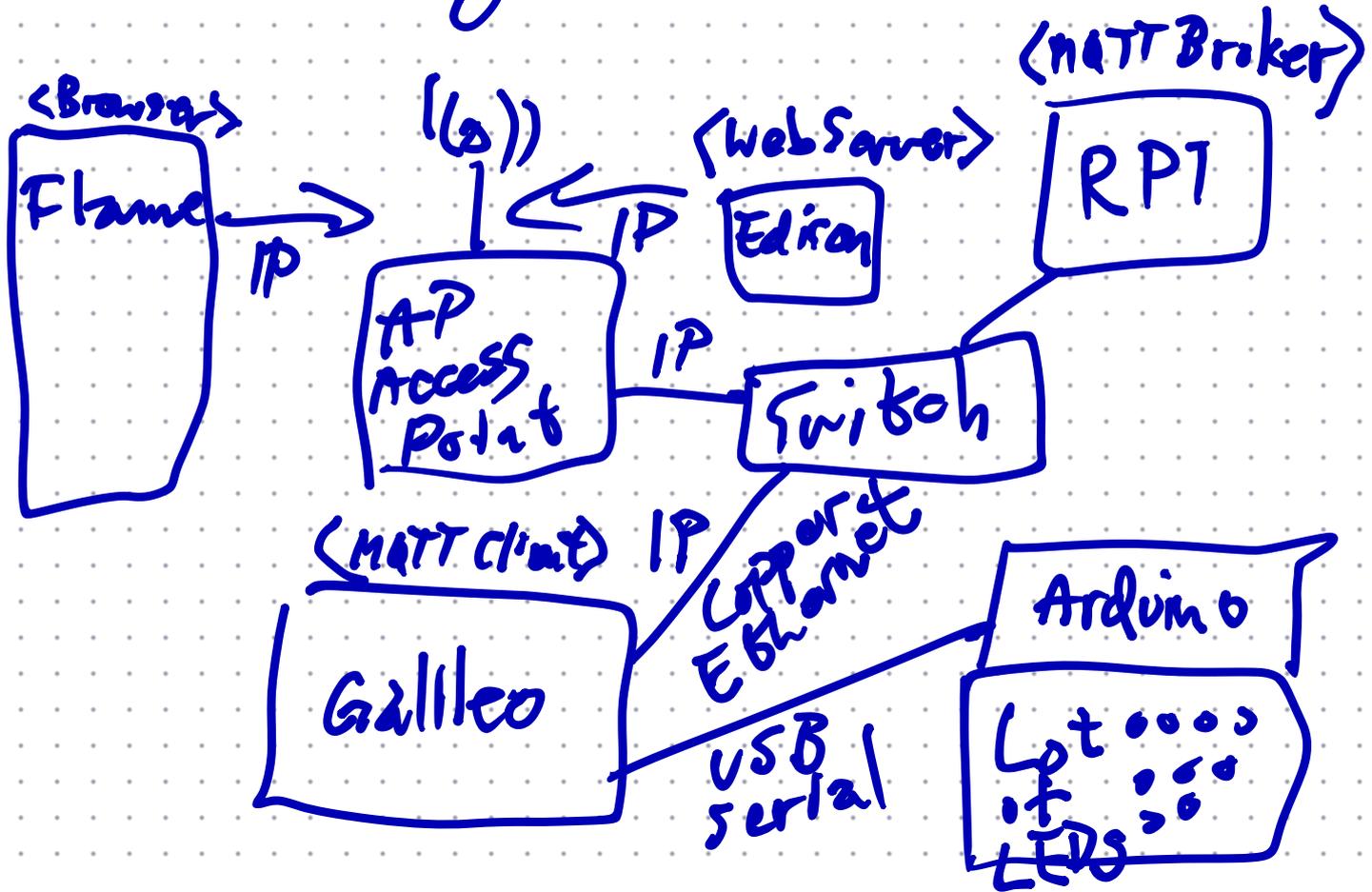
Answering: What is the control flow?

Browser Send | Serial Control | MQTT Broker | Web Serv | (USB Conn) Arduino

Send HTTP Submit POST

MSG Payload

Publish

lol
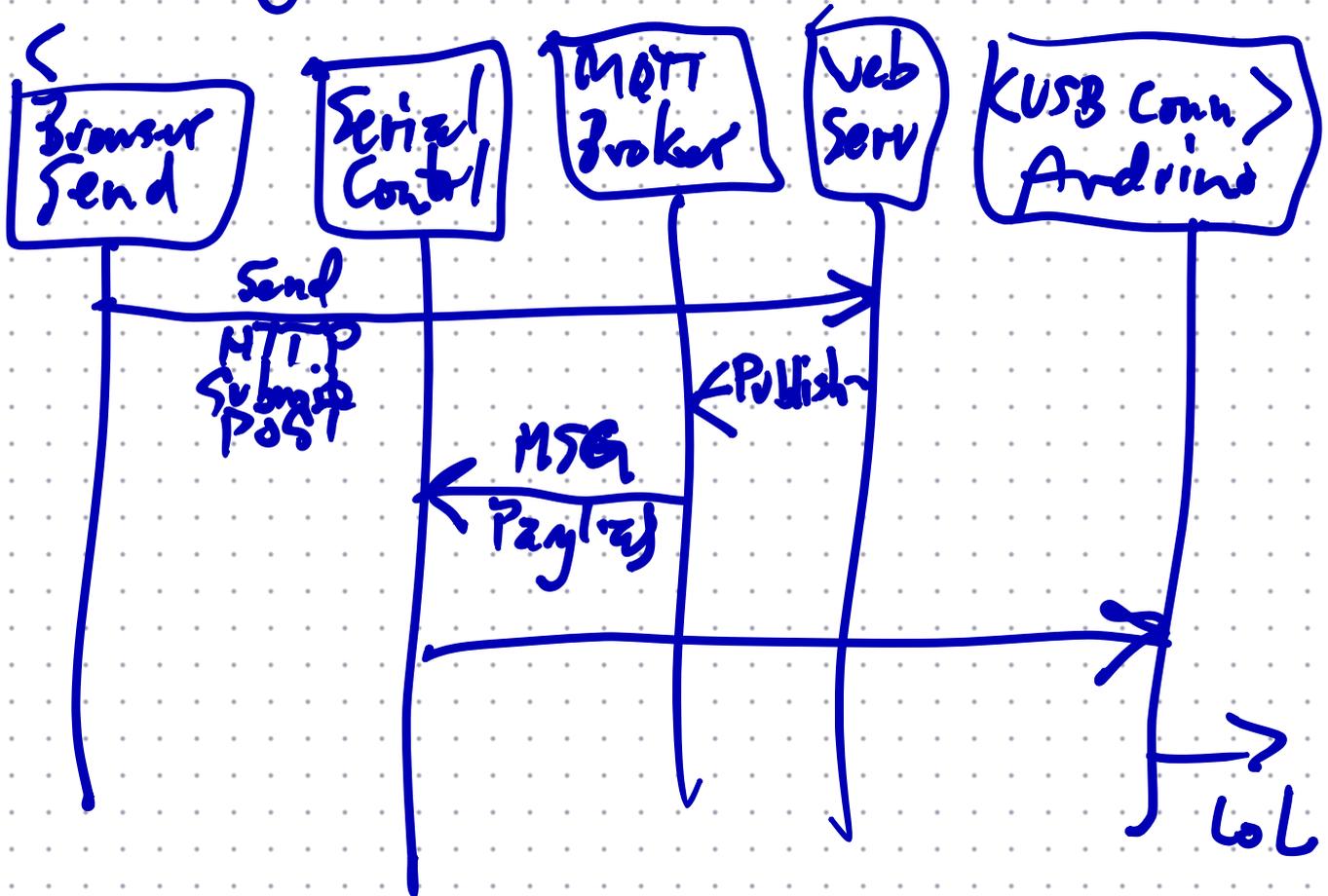
IoT Protocols

ZeroMQ

CoAP

AMQP   RabbitMQ

MQTT

MQTT Sequences

| Subscriber | Broker | Publisher |
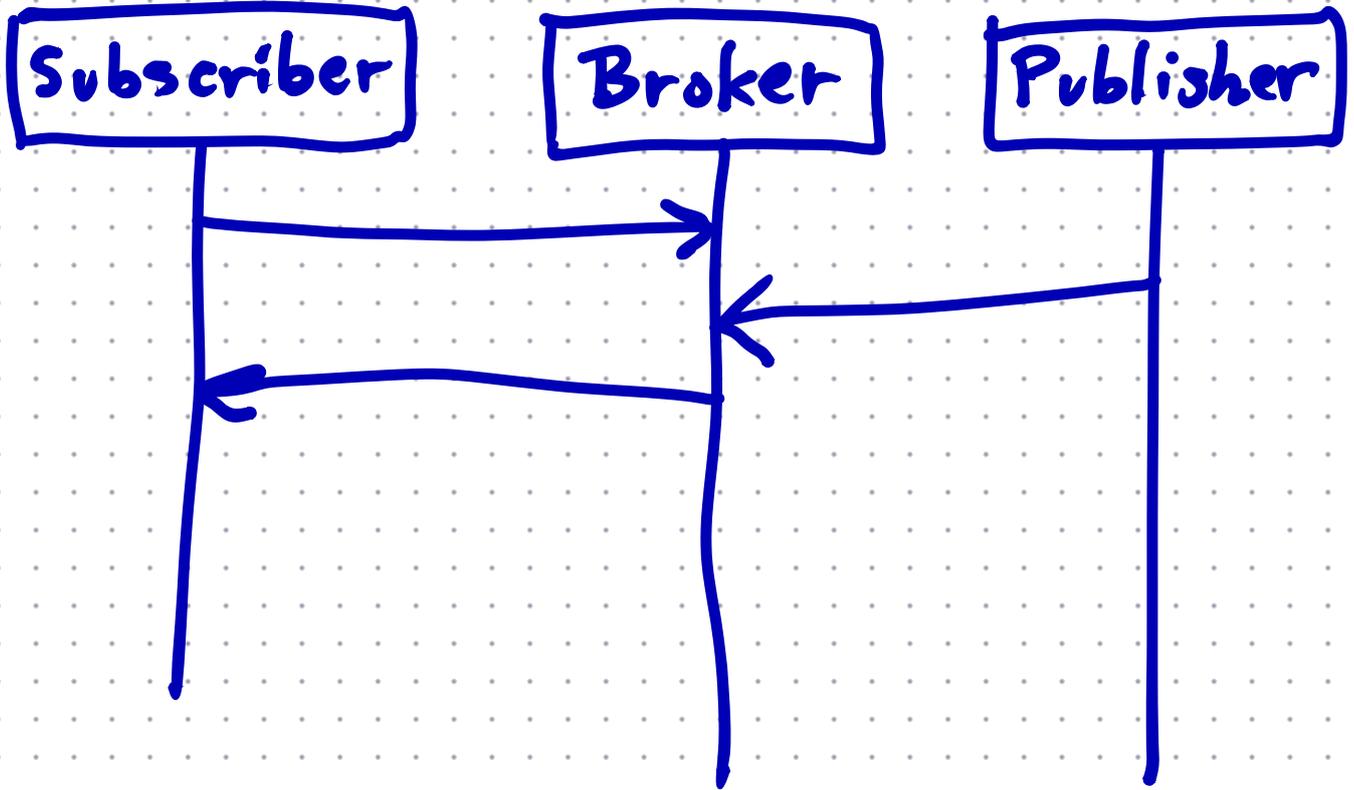
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