

# IoT Data Protocols

- **MQTT (Message Queueing Telemetry Transport)**
- **CoAP (Constrained Application Protocol)**
- **XMPP (Extensible Messaging and Presence Protocol)**
- **DDS (Data-Distribution Service for Real-Time Systems)**
- LLAP (lightweight local automation protocol)
- AMQP (Advanced Message Queue Protocol)
- LWM2M (Lightweight M2M)
- SSI (Simple Sensor Interface)
- Reactive Stream
- Many many custom JavaScript / Node.js

# IoT Data Protocols

- MQTT Strengths
  - Publish/Subscribe model scales well
  - Flexible subscription **topics**
- MQTT Weakness
  - Central Broker