



neOSensor, the ne@ampus ultra low-cost sensors!

ESP8266 based sensors and actuators

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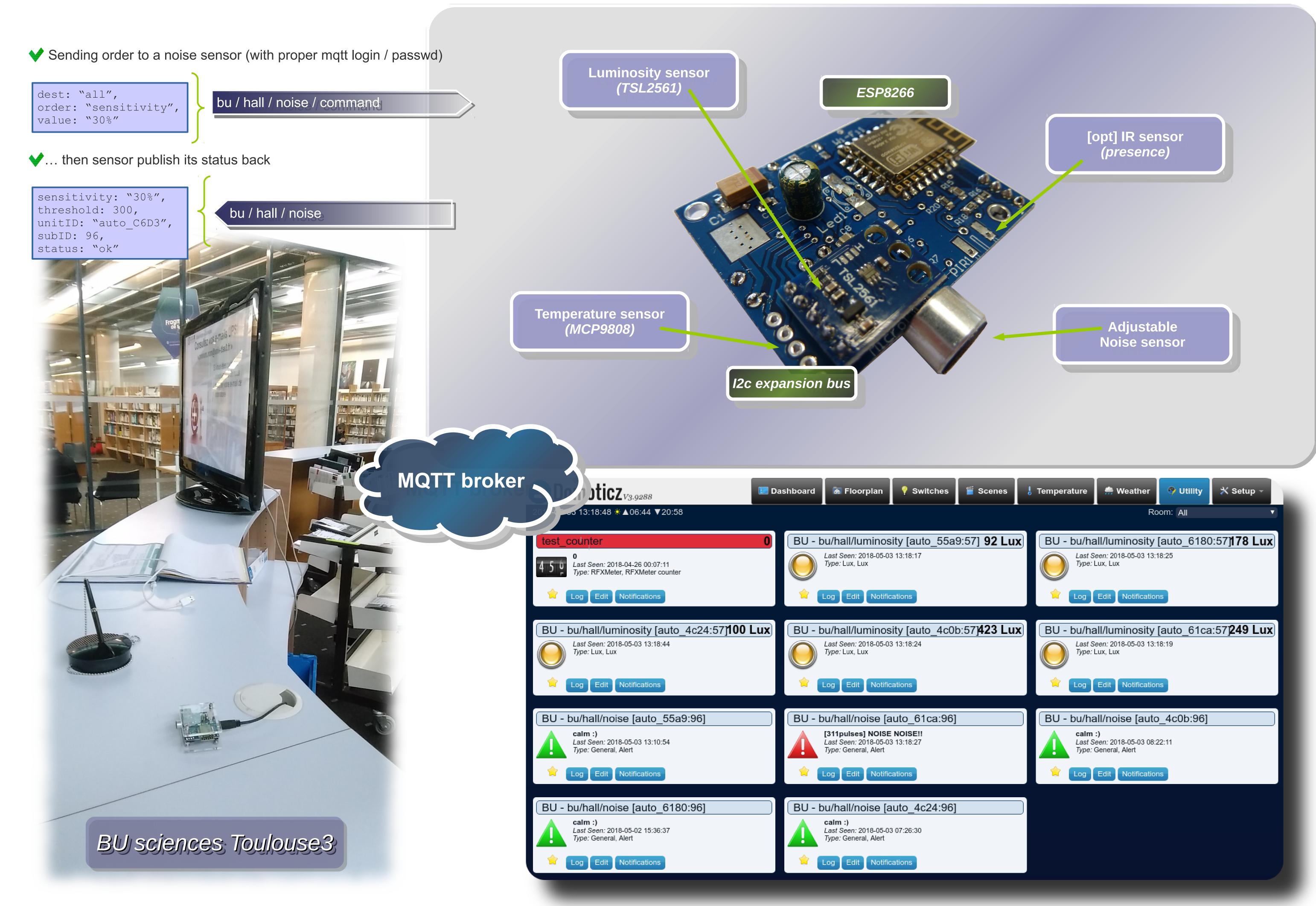
Context & aims

- At the very beginning, the need for real-time noise sensors across the whole building (BU),
- No captive data, low-cost and nice WEB UI!

neOCampus decided to build its own noise sensor extended with temperature, luminosity and, optionally an IR sensor.

Features

- OTA firmware upgrades,
- neOCampus integration,
- Follow MQTT topics conventions
- <building>/<room>/<type>[/command]
- e.g bu/hall/noise & bu/hall/noise/command,
- Size 50mm x 40mm, #15€,
- You can extend its capabilities with all kinds of i2c sensors (with a firmware upgrade).



[tags] ESP8266, multi-sensors (temp., presence, luminosity, noise), MQTT, neOCampus integration, low-cost.





