Device and Device SDK Working Group

Notes for October 11 2021

New / updated

- UART: Lenny & Jim will review. Iain to seek a futher reviewer and create a PR
- GPIO v2 update: Cloud will review
- Camera DS point release: waiting for images. Lenny to update compose-builder
- THREAD: This will be taken as an enhancement to device-coap-c
  - Work not believed to impinge on proprietary Thread protocol

v2 availability

- All device services bar BACnet expected to be at v2 by the time of the Jakarta release

Device editing operations

- https://github.com/edgexfoundry/edgex-ui-go/issues/452
- Various edit operations are available via the UI – should they be allowed?
  - `operatingState` – Yes, this is intended to be reset via operator intervention
    - Check that the docs relating to `assertion` indicate this
  - device service – Yes, this is supported
    - In future the metamodel could be extended to include "device classes" to which a device would belong and device services would support. This would limit the device services to which a device could be assigned
  - Device profile – No
    - An exception might be if the device had not yet produced any readings. This is related to the ADR on device resource changes and could be added to the scope of that ADR
  - Autoevents – Yes. (But note edgex-go issue #3750 in the implementation)
  - Protocol Properties – Yes, a device's address could be re-assigned