

Device and Device SDK Working Group

Notes for Jan 11 2021

Updates

- Go SDK 1.4.0 is released with:
 - AutoEvent management features
 - DeviceService AdminState updates enabled
- Go DSs have all consumed 1.4.0, are ready for a point release
- Note that the CSDK requires a 1.3.1 release with the AdminState functionality added

Device Service review process

- **Tony** to email the WG list with proposals

Go SDK #337 (device-simple snap)

- **Siggi** to be assigned this. Needs to be added to edgexfoundry group

Modbus #61 (0-based addressing)

- This to be implemented as originally suggested in issue #61, ie the specified “starting address” should not be decremented before use. This needs documentation and requires that profiles are updated.

Callback for metadata updates

- We could change the sequence for when a device is migrated between device services. This is currently done by issuing “update” callbacks to both services; logically it could be viewed as a “delete” from the origin followed by “new” at the destination
 - Leave as is: the feature is experimental and should be re-visited if and when we have a use case and an attempt to implement
- Add and Delete callbacks for Device Profile are un-necessary, as they may only occur when no devices are associated with the profile
 - Yes: the device service can retrieve profiles as required by new devices, and can remove them from its cache when the last associated device is deleted

ADR#11 review: Query Params

- Proposal: rename the ds-postevent query parameter to ds-pushevent as event pushing is no longer necessarily going to be a REST operation
 - Agreed