

Device and Device SDK Working Group

Notes for December 16 2019

Status updates

- DevOps making 1.1.1 releases of Go device services
- New design document for discovery: [Markdown file on GitHub](#)
 - Intention is to similarly rework the other parts of the DS Requirements document
 - Location TBC following architecture group discussion on design docs / ADRs

device-rest-go

- The MediaType field is not being set in Device Profiles. A fix has landed in core-contracts but the SDK needs to consume the new version
 - For Fuji this will result in a 1.1.2 SDK. Potentially this will be useful for device-camera-go and if so a new release should be made
- The requirement for a Device to have at least one Protocol will not be changed in Fuji
- **Tony** to consult with Ian J on Attribution.txt / LICENSE distribution requirements
 - Note that we set a LICENSE field on the container
- The requirement to define DeviceCommands for single DeviceResources is an SDK bug (created issue #426)
- Wording re: Device names in the README agreed
- Subject to the above being addressed the new service is approved and will be put to the TSC (**Iain**)

Array Data

- New available types for Readings
 - Proposal is that in the Device Profile these are represented by additional type names, eg Float32Array, StringArray
 - And the representation on-the-wire is that the Readings value (in the non-Binary case) will be an array of strings (as opposed to a single string now). For scalars this will result in an array of size 1
- Noted that as with Strings and Binary, we have no mechanism for stipulating a maximum size

Next Meeting is January 6th 2020