Core Working Group Meeting Notes (23-Aug-2018)

Attendees:

TC  Trevor Conn (Dell) (Host, me)
RH  Rodney Hess
AA  Akram Ahmad (Dell)
A   Alberto
AF  Andrew Foster
AS  André Srinivasan
BK  Brad Kemp
BF  Brandon Forster
BH  Bruce Huang
EA  Emad Attia (Intel)
EC  Eric Cotter
F   Fede (Cavium)
JW  Jim White (Dell)
JD  Joan Duran
m  mhall
SO  Steve Osselton
t  tonyespy
U  UwkDG/lof2lJunFseOhuxzOBpQvQDZc...
Old Business

- CBOR Implementation
  - Discussions ongoing regarding Hitachi’s membership and possible contribution of resources
  - Still on the backlog but behind other Delhi deliverables with given resource pool.

New Business

- Anyone going to GopherCon next week?
- Discuss ramifications of Device Service / Scheduling discussion for Core services
  - Example: Extension of schema and ops in metadata
  - Do we want/need an external Scheduler service
    - What function does this provide aside from device-services
  - Some discussion of this in Device Service call this past Monday. Just finalizing decision.
  - Split implementation
    - Device Services
      - Remove internal REST callback from DS to itself
      - Handling of scheduled readings and pushed to core-data will be handled internally
      - Targeting for Delhi
    - Support-scheduler
      - Problematic since Java version
      - Java DS does read schedule, schedule_events from Metadata
      - For Delhi
        - Need to solidify implementation of the function below in Go
        - Use of common package for schedule and related models in this service and Device SDK
          - Might be duplicated in C, could research shared library possibility
      - Function – Invokes REST endpoints of other services (non DS) in the EdgeX system
        - Such as data cleanup in core-data
• Change of schedule workflow will be punt to Edinburgh
  ▪ Schedules for DS are currently held in Metadata
    ▪ Short-term research
  ▪ Can this be done without changing the schedule_event model?
• Merits of merging config-seed-go into edgex-go monorepo
  ▪ Simplicity of code organization
  ▪ One location for TOML configuration files
    ▪ Proposed in cmd/<service>/res directory as per today
    ▪ Still leaves open the question of the application.properties files
    ▪ Fede made the suggestion that Java config-seed should still be operational for Java services. Today it is not.
  ▪ Warming to the idea of bringing config-seed-go into edgex-go
    ▪ Bring in legacy Java Device Service application.properties files for bootstrapping
    ▪ Planned lifespan until Edinburgh
    ▪ Fede on deck to review/merge but need some hands on contrib for this
      ▪ Trevor to coordinate with Fede offline (touch base with Jim)
• Redis PR?
  ▪ [https://github.com/edgexfoundry/edgex-go/pull/472](https://github.com/edgexfoundry/edgex-go/pull/472)
  ▪ More broad discussion related to database providers included in codebase versus runtime plugins
  ▪ Jim advocates continuing to include providers at the export level, but not core-data/metadata
    ▪ This means no data-related PRs will be incorporated for core-data/metadata until Persistence group makes a decision
  ▪ Proposed to have small part of Core WG meetings each week dedicated to this topic for visibility.
    ▪ Eventual solution will be post-Delhi
    ▪ Looking preliminarily at Go Plugins w/versioning provided by Go 1.11 modules