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

Attendees:

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.
    - Update: https://wiki.edgexfoundry.org/display/FA/Device+and+Device+SDK+Working+Group?preview=/329488/18907379/EdgeX%20Foundry%20Devices%20Services%20%20%26%20Scheduling.pdf
    - 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 punted 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
  - 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/metdata 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