

## **Core Working Group Agenda (08-Nov-2018)**

Attendees:

### **Old Business**

- Discuss additional logistics (action items) around blackbox test move
  - If no owners for each step, then poor man's method
  - Here are the steps
    - Move tests from blackbox repo to edgex-go
      - Define structure within edgex-go repo
        - Test definitions
        - Test execution scripts
        - Documentation
    - CI/CD changes
      - Repointing of jobs
  - Need to establish a timeline for the movement and track it
    - Should we make this a regular item in the QA/DevOps WG call?
  - Either way, Contributor Guidelines need to be updated
    - Any supporting documentation (docs, videos) will need to be updated
- Follow-up action items from last week
  - Blackbox test PDF documentation has been added here
    - <https://github.com/edgexfoundry/blackbox-testing/tree/master/docs>
  - Walkthrough video recorded by Trevor for local Postman testing
    - <https://www.youtube.com/watch?v=LQU0Xf6EN0U>

### **New Business**

- Finalize decision on ScheduleEvent property modifications
  - Separate "Owner" property
  - "Service" renamed to "Target"
- Database Abstraction, remove Mongo types
  - DEMO: Brandon Foster
  - Discuss exposure of db generated keys outside of service boundary
  - Keys versus UUID in usage
    - Key, represented as string – value is DB specific, cast by provider
      - Mongo compatibility
    - UUID is a standardized unique identifier

- Could potentially be supplied by upstream application, not database.
- Go libraries for UUID generation
  - <https://github.com/google/uuid>
    - *\*\* my personal preference \*\**
  - <https://github.com/satori/go.uuid>
  - <https://github.com/nu7hatch/gouuid> (OLD)

### Supplemental notes

- DB → Business Layer ID representation
  - Answer question → UUID equivalency w/BSON ID
  - If not equivalent
    - Key (string type) DB PK value
    - UUID → std library type
      - Modify query paths accordingly
      - Indexing in Mongo for lookups

UniqueIdentifier (GUID) \*\*

Key (BSON) – DB Key \*\* may not want this exposed \*\*

Both will be strings as raw data types