Core Working Group Agenda (01-Nov-2018)

Attendees:

Old Business

New Business

- Developers responsible for blackbox-testing changes
- Integration test ownership
  - Walkthrough of current blackbox tests if necessary
- Structured Logging
  - GoKit Logger
    - DEMO
  - Is this feasible?
- Go-kit example?
- Go module example
- Database Abstraction, remove Mongo types
  - 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
    - 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