

## **Core Working Group Agenda (21-June-2018)**

Attendees:

### **Old Business**

- Readiness of export connectors (Janko / Mainflux)
  - Status of ToDo items below from last week
  - Needs more testing / verification – Andy / Keith?
    - Requesting tools / accounts for public cloud vendors to enable testing
    - Approval has been obtained from the Board.
  - Platforms
    - Google Iot
    - Azure Iot
    - Janko to make full list and submit to Keith
- Structured log format
  - *I personally haven't had time to follow-up on this (Trevor)*
  - *Post-California*
  - Need to flesh out
    - Eric / Trevor – Document need and criteria (possibly targeting distributed environment)
      - Most likely Eric
    - Tony – Document need and criteria (targeting smaller, constrained environment)
    - How do we implement a solution that works in both of these domains?
    - Rodney to follow up with more info based on known solutions

### **New Business**

- Binary Serialization
  - CBOR / Protobuf – decision is TBD
  - Content negotiation for all services...??
  - Abstraction needed
- Code Quality Pipeline
  - Progress Update w/gometalinter
    - <https://github.com/alecthomas/gometalinter>
  - Can be run as git-hook
  - Does not support multi-language obviously
    - I'm working toward our reference implementation at the moment
    - Other repos (those who support the other languages) can make their own decisions about tools

- Paid platforms will get us multi-language support, but may not be a concern right now.
- Can be integrated with CI
- Can be run in a dev's local environment
- Any follow-up from below item from last week?
  - *Does LF have a recommendation based on other projects?*
    - *Identify key Go-based projects and do a survey (Brett / Jeremy)*
- Dockerfiles creating containers "From Scratch"
  - Empty file system means there's no way to shell into a running container
    - Shouldn't this be required from a support perspective?
  - Had a situation with Cloud whereby we needed to get into the edgex-support-logging container to review logs written to file system and couldn't.