










































Core Working Group Agenda (12-July-2018)

Attendees:

Participants (14)

🔍 Type to filter...

 Trevor Conn (Host, me)	 
 Akram Ahmad (Dell)	 
 Brandon Forster (Dell)	 
 ccollins	 
 Eric Cotter	 
 Fede (Cavium)	 
 Janine Zhu	 
 Jeremy Phelps - LF	 
 Jim White (Dell)	 
 Joan Duran	 
 Stella Yu	 
 Steve Osselton	 
 tonyespy	 
 Rodney Hess	

Old Business

- Readiness of export connectors (Janko / Mainflux)
 - Sent email to Keith / Janko. Needed to wait for Brett to return.
 - Brett is back, needs an estimate on required services.
 - Pending items below, waiting on account setup
 - 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
 - *Janko on vacation until July 9.*
 - *Jim passed quoting information to Keith. Keith will take to the board. Details forthcoming.*
 - *Will remove and take resolution offline.*
- Structured log format
 - *Post-Delhi*
 - *Will remove from this list, tracking via separate backlog*
- Binary Serialization
 - CBOR is the recommendation
 - Jim has extra details
 - *CBOR recommendation will be taken to TSC. Updates on next steps forthcoming.*
 - *Trevor deliverable – Present diagram for implementing natively end to end*
 - *South to northbound*
 - *Account for protobuf blob as reading inside of the reading*
 - *Overall reading encoded as CBOR (proposed)*
- Code quality pipeline
 - Still looking to pursue gometalinter
 - I plan to incorporate this into my work for Delhi features.

New Business

- Package restructuring is underway for separation of external/internal models and encapsulation.
 - PR #369
 - If you have an external application that directly imports edgex-go packages, you may need to re-point your references.

- Trevor to follow up with Tony as work to map from external to internal gets underway.
- Confirm future direction for Docker deployments to NOT comingle dependent platform with EdgeX service into one container
 - Example – Consul + Config-seed
 - Example – Mongo + Mongo-seed
 - Work item to split these images into separate Docker containers
 - Update architectural guidelines to require separation of platform from init services
 - This is because of difficulty experienced in both local and CI/CD troubleshooting during California release.
 - Tony: Agreed from a Docker perspective. But when running in a Snap everything is in one “container”.
- Discuss Java service support and POM dependency mgmt.
 - POM versions weren’t even incremented for services not included in California release
 - By Delhi, these services’ APIs will be out of sync with RAML and Go implementation.
 - Updates to address this are not on anyone’s roadmap
 - Agreed to abandon the platform services (??) Needs TSC vote.
 - Device Service Go/C SDK with examples are required.
 - Agenda Item for DS WG Meeting, possibly TSC
 - Any ideas for additional resources to get us through this push?
 - Jim might have more information next week.
- Does our Influx DB integration actually work?
 - Feedback from Palo-Alto F2F is that it does not.
 - Is anyone actively using this? If not, can we remove?
 - ToDo for Steve – Please ask local team member to verify. Send response to Trevor.
- Export services logging is different from other services
 - See <https://github.com/edgexfoundry/edgex-go/issues/328>
 - Also, services do not log to the shared volume when deployed via Docker
 - Tony: Even in Snap deployment, logs go into vapor
 - No objection on the call to standardizing logging service integration in Export for Delhi. Make it so!
 - Jimbo White – deputy head cruncher
- Discuss Release Manager function
 - Purpose/scope of the role
 - Need a volunteer from member company
 - Background from Michael Hall

- Looking into role from other LF projects. How does this work for them?
 - Lightweight role to ensure smooth workflow, but acknowledged our definition isn't clear.
 - Preparation of release notes
 - Example: California, no formal release announcement process
 - Will take up in detail on DevOps call
 - Monday @ 1pm
- InstantEdge Proposal from QuarkData
 - Will this be in Go?
 - They say “embed with old export services” several times in their proposal.
 - See above RE: Java service support
 - Confirm deployment on Gateway versus Core/Fog
 - They need data exported to them. Every organization seems to want data in a different way. We don't want export-service blowing up to support every preference. Would marketplace be a better direction?
 - Stella – Hitachi exposes a structure for ingestion
 - Integrators have to map to that structure via adapter
 - Recommended marketplace approach. Will come back via TSC for vote later.
- ARM64 status?
 - Jeremy working on patches for Jenkins to enable multiple builds
 - Rules Engine