

# Core Working Group Agenda 3/1/2018 meeting

Attended by: ... There may have been in attendance later in the meeting after the list of attendees were captured.

Discussion and action items as a result of meeting in RED.

## Old Business

### DevOps issues/updates

- Automation of black box tests is priority 1
  - Not sending emails yet but ready to go.
- Go/Arm build work underway is priority 2
  - Working on verify jobs for mono repo of Go
  - Working on merge jobs, and that will also do Arm compilation
  - Daily jobs to push to Nexus/Docker Hub/etc. being worked
- Next up – Native Arm build and deploy, test (on Cavium boxes).

### Current Work Tasks

Remaining work items now in Github Projects/issues and listed below. No meeting time to discuss unless there are significant updates

#### California Release Work Tasks

- Security & System Management – per WG task list (Jun – collective but Jim leading)
- Integration of System Management APIs into micro services (Jun – Dell)
- Core, Supporting, Application services in Go (Dell, Cavium, Mainflux, others?)
- DS SDK in Go (mid Feb, Tony)
- DS SDK in C (April, IoTech)
- ? number of DS in G and/or C (???)
- Blackbox tests for all services (and SDK??) (End of May, IoTech)
  - Opportunity for other companies to make contributions – good area for new groups to participate.
  - **Jim Action** – poke participating/community companies for help
- Performance tests (and meeting performance targets) (IoTech)
- Everything runs and is tested on ARM (Jeremy/IoTech)
- Environment – what target environment to do the tests (lab equipment, tools, software, cloud product availability).
- Documentation to Github – (Iotech)

#### Face-to-Face Action Items

- Go Lang Core/Export Services connected to Consul, config files in seed (Jim/Fede/Drasko, May 1st)
  - We load every property for all images (local or Docker) you get every config element – now and issue
- Cross compiling for all Go Lang artifacts to include Go Core Data, Metadata, Command, Export client, Export distro, and config seed use (Jeremy, Jan 31<sup>st</sup>)
  - Part of what is in the PR for review
  - Only for Arm 64 for now per F2F
- Arm native environment (Fede, Gorka, Jeremy, End of April)
- Blackbox testing on Arm native environment (Andy F, Jeremy, End of May)
- Wiki page on EdgeX on OS'es – attestation of testing page (TBD, End of May??)
- Performance target tests – the Pi Tests (TBD, End of May??)
- Setup "Sithub" (Jeremy, first week in Feb)
- Samsung Code moved to Sithub (MJ, 2<sup>nd</sup> week in Feb)

- Samsung Code reviewed and processed (TBD, TBD)
- Naming, availability, startup/cleanup service architecture draft (Jim W, 3<sup>rd</sup> week in Feb)
- Device Service requirements doc (Tony, mid Feb)
- ~~Go Code reorg/mono repo (Cavium and Mainflux, TBD)~~ – closing out – its up!

## Vertical Solutions Group Requirements review

- Thanks for everyone's participation last week.
- Any updates to those items we already adjudicated?
- We'll pass recommendations formed from last week's and this week's meeting to TSC for approval/adoption
- Remaining items
  - Export data from date – to date operation (historical data)
  - OSI Soft Pi Export connector
  - InfluxDB Export connector

## Documentation

Revisit in March

- Reviewed by Andy last meeting 2/15 – thanks Andy. Looking good
- Current game plan:
  - IoTech to clean up til March 1
  - Review of IoTech repo target Mar 1 – 30
  - Work with Brett to track applicable changes in Wiki during the review period
  - Hold a pre-day meeting just before the cut over
  - Target early April cut over

## Architectural Issues

Queued for upcoming discussions –

- Where should RAML live? Maybe we need API repo? Maybe APIs live in repo of code source (Java or Go – whatever the ref impl is). Architecture/technical item for future discussion.
- License file issue - how do we get appropriate license files to project artifacts (Docker containers and such)?
- Message infrastructure between Core Data and Distro (and others in the future) – covered in the next Go meeting

## New Business

### Go Mono Repo

- Now available
- Working out build/CI kinks
- Working out some bugs
- Both mono repo and separate service repo active until at least Friday (please maintain both until the merge is complete)
- After Mono repo is up and working, we'll be shutting down the Go Project Group

### Build 0.6.0?

Suggest a 0.6.0 build and containerization of all repo after Go work appears to be running – objections?

### Potential Docker EULA issue looming

Update from Jim on call with Docker.

### Other open items?