

Core Working Group Agenda 3/8/2018 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 CI
 - **In LF environment (Intel)**
 - **In Cavium (native Arm 64)**
 - **Java artifacts for Arm (Docker)**
 - **Both Arm 32 and 63**

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)
- 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 31st)
 - 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) – **Jeremy??**
- Samsung Code moved to Sithub (MJ, 2nd week in Feb) - **Volunteers**

- Samsung Code reviewed and processed (TBD, TBD)
- Naming, availability, startup/cleanup service architecture draft (Jim W, 3rd week in Feb)
- ~~Device Service requirements doc (Tony, mid Feb)~~

Go Mono Repo Work

- Can/should we move to Go 1.10?
- Are we ready to fold the Go project meeting back to core?

Documentation

- Revisit in March
- **Andy, are we ready for review of IoT repo?**
- Game plan was:
 - 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

- Per last week, RAML to live with repo of reference implementation – that is now done.
 - **At some point we need to review RAML (Action: Jim to coordinate with Andy on Blackbox test verifications)**
- License file issue - how do we get appropriate license files to project artifacts (Docker containers and such)?
 - **Action: Jeremy was going to provide requirements on what is needed to assist CI process for this work, and make ask to dev community for what is needed in repos to support this. Includes Attribution.txt, license file.**
- Message infrastructure between Core Data and Distro (and others in the future) – covered in the Go meeting.
 - **Jim working on options versus requirements for next meeting (Go or Core meeting)**
- DS Requirements Discussion
 - open issues in DS requirements
 - Query All command results, no device names or ids returned?
 - A DS must provide both forms (all & deviceId) of GET handlers
 - logging/scheduling - *inprogress*
 - data transform - *inprogress*
 - actuation commands RAML accuracy - *tbd*
 - metadata updates (/callback) RAML incomplete - *tbd*
 - finalize appendix A 'settings'

Core Snap

- Recommend new project work (like we did for Go). Tony – timing?

New Business

Build 0.6.0?

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

Samsung Code Review
Seeking volunteers

Open Items??