

DevOps and QA/Test Working Group Meeting

Thursday, January 10, 2019

Attendees: Andy F, James G, Varun G, Bruce H, Cherry, Eric B, Jim W, Lenny G, Trevor C, Walt M, Jacob B, Evy S, Daniel H, Felix T, Tony E, Emad A, Malini B, Larashid

Agenda

DevOps

Old Business:

- PI DevKit USB image hosting
 - Request posted to help desk by James – request to host on Nexus repo
 - Michael just needs URL
- Intel – Device Service SDK (c) – Grove Device Service (c)
 - Grove passing jjb verify job
 - Device Service SDK verify job will be completed today
 - Steve Osselton (DS WG Chair) to provide review of work
- Release document
 - Only a few comments left to be reviewed
 - Help needed from Device Service group – release versions of the SDK and Device Services. How are they tied to EdgeX release ?
 - Tony – version SDK with EdgeX major release number. SDK patch released can be out of sync with EdgeX patch releases
 - New Device Services should also be versioned against current EdgeX major releases
 - Tony – how do we ensure that an SDK works with a particular version of EdgeX
 - Trevor – add a version API to the Services
 - Jim - enhance Ping to return version of a specific service

New Business:

- Accommodating Go Modules in our CI/CD pipeline

- Trevor circulated document for comment - additional feedback required
https://docs.google.com/document/d/1EzaAxi7Henl-ep8_5wLrZUQYtelpwxkqIVbJvEHvfl/edit
- Jim we really need to move this forward and get off Glide
- Trevor needs to be done this month
- James – new build image here
https://docs.google.com/document/d/1EzaAxi7Henl-ep8_5wLrZUQYtelpwxkqIVbJvEHvfl/edit FROM golang:1.11.2-alpine3.7
- What is in place for CI/CD and automated testing for the SDKs and device services.
 - Tony code coverage – we need this to determine the coverage of unit tests
 - Jim – take a look at CodeCov.io (GoLang)
 - James - SonarQube

QA/Test

Old Business:

- Dashboarding local blackbox test results with Allure (demo)
 - How to run Allure with local blackbox tests documented at
<https://github.com/edgexfoundry/blackbox-testing/blob/master/docs/How-to-run-blackbox-testing.rst#present-test-result-using-the-allure-framework>
- Edge performance testing – using JMeter and Telegraf+InfluxDB+Grafana to develop performance tests (demo)
 - Next steps:
 - Document approach (Cloud and IOTech team)
 - Work with James (Intel) to address deployment and automation of performance tests

New Business: