

Core Working Group Agenda 4/19/2018 meeting

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

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

NOTE: there will be no Core Working Group Meeting next week 4/25 due to Hannover Messe event! Happy Birthday EdgeX!

Trevor Conn will be sitting in as interim-chairman for the following two weeks (May 2 & 9) as I will be unavailable.

Old Business

DevOps issues/updates

- Build 0.5.2 of EdgeX: **available ??** Jim working on a 0.5.2 compose file

Documentation

- Now available in Github. Feedback welcome and encouraged.
- “Pretty” version available on IoTech Web site
 - <http://www.iotechsys.com/community/>
- Target early May cut over from Wiki to new documentation.

DS Requirements Discussion

- Open issues in DS requirements
 - Query All command results
 - logging/scheduling - *inprogress*
 - actuation commands RAML accuracy - *tbd* may be resolved
 - metadata updates (/callback) RAML incomplete - *tbd*
 - finalize appendix A on settings – does current settings/config work take care of this?
- New revision available – **???**

License file issue

- Jeremy to implement for Docker files
- Issue submitted against export services for attribution file need (#120)
- Can we close this discussion?
- **Jeremy not in attendance**

Core Services Refactor

- See <https://github.com/edgexfoundry-holding/core-data-refactor>. Comments and feedback welcome.
- Will start to move it over post HM
- Again – this does not affect the APIs and external surface of the code.

Service Naming, Availability and Configuration Bootstrapping

- Requesting approval to implement per <https://wiki.edgexfoundry.org/download/attachments/7602423/ServiceNameDesign-v6.pdf?version=1&modificationDate=1523468903687&api=v2>
- Comments and feedback welcome before the Dell team begins implementing for California release post HM

Contribution Guidance Top 3

1. Commit subject line messages should explain the problem that the commit is solving in 50 characters or less. “Fixing bug” or “adding comments” doesn’t explain the problem the commit is solving!
2. Provide a message body to the commit to provide more detail explanation. When you do, keep lines in the body to 72 characters or less.

You can add a commit subject line and multiple message bodies like this:

```
git commit -s -m "This is the subject; keep to 50 char" -m "This is the first line of the message body"$\n"This is the second line of the message body."$\n"Keep all message lines to 72 char."
```

3. Commit your changes in logical chunks. Make it easier for the community to review, comment on, and accept your contribution. For example, create a separate commit for a big fix and an enhancement.
 4. Rebase the upstream development branch into your topic branch. Do not merge master into your local PR branch (this is the lazy approach to dealing with committed code locally in a branch, and then realizing that your PR isn’t merge-able because HEAD has changed). See <https://git-scm.com/book/en/v2/Git-Branching-Rebasing> if you need more help.
- Added to wiki. Can someone add to Contributors.md in Go repo?

New Business

ReadMe Docs Generation

- Jeremy/Andy discussion

Technical Debt and other issues we want to address at June F2F

- Next security features
- Drasko/Rodney issue from security WG on how we deal with device security (paragraph needed)
- First steps to distributed-EdgeX (services running on different host machines and impact to security reverse proxy, command calling, etc.)
- Load balancing – multiple instances of services
- Upgrade consul (0.7.3 is old, and warning generated on startup)
 - Review usage of consul in standalone mode with Hashicorp
- Registry - service outage notifications
- Device discovery onboarding/removal issues
- Use of db IDs in objects

- How to support multiple Message bus implementations
- Replace RAML with SWAGGER (RAML is being abandoned??)
- Introduce new category for microservices: “Sharing Services” for East/West data exchange with non-edgex entities
- Lighter alternative to Mongo for metadata (or in general: how to enable multiple metadata backends)
- Marketplace for value-add microservices and its implications (will we need a new EdgeX microservice acting as license server?)
- Security Certification for EdgeX by a specialized Cybersecurity third party
- Make Export Services to have the same architecture as Device Services (independent microservices using the same SDK) or at least make new export services to be as “plugins”. In the long run the number of export services will explode (same as DS).