# EdgeX DevOps / LF DevOps Meeting

8/22/17

Attendees: Jeremy Phelps (LF), Tony Espy and Alex Newman (Canonical), Andy Foster (IoTech), Fede Claramonte (Cavium), Tyler Cox and Jim White (Dell)

## Agenda and Meeting notes

### Checkstyles

Decision was made/finalized to use Java Maven CheckStyle in each project pom.xml (see <http://www.lordofthejars.com/2013/02/code-quality-stage-using-jenkins.html>). This will then be automatically invoked in builds.

No one was quite sure how to make sure, for now, that the check resulted in warnings only (versus errors) in the build.

**Action**: **Jim** to work with the checkstyle addition to pom.xml in core/supporting services and see if he can find out how the warn/error option is set (via pom or in Jenkins, etc.)

### Container (Docker) builds

Tyler has a proposal in to Andrew G / Jermey to look at putting Docker 17.05 (or better) in place. This will greatly simplify the docker container builds (adding mutli-stage Dockerfiles, etc.). With this in place, Tyler should be able to wrap up the container build process quickly.

Fede and his team are working on Arm (64 bit) builds of EdgeX microservices. Believe the current Docker build work will dove-tail into his team’s work.

**Action**: **Tyler / Jim** to let Fede know when Intel builds/dockerization is in place (estimate a few weeks out)

### GitHub Flow

Tony, Andy and team have been working on checkout/in, branching, build process, etc.

**Action**: **Tony** is going to type up some final recommendations around the use of GitHub Flow for the groups review and EdgeX adoption.

General feeling is let’s keep it simple for now. Git Flow and Gerrit Flow may be options to look at in the future if needed. Jeremy reported that in some cases, such as in moving to Git Flow, its not like we have to make that decision now and it can easily be moved to going forward.

### Postman Integration Tests

Andy reports IoTech Taipei team has nearly completed the development of Postman Integration tests. Question is how to test and integrate these in LF Jenkins environment.

Path forward was suggested by all as follows:

**Action**: Andy - When the team’s work is ready to try, Andy F to request a new Git repos from LF via open ticket (edgex-helpdesk@rt.linuxfoundation.org)

**Action**: **Andy** - Team to then move the code over and Andy F to notify LF team via 2nd ticket for a review and consultation of how to get it in Jenkins, how to sandbox test it and finally put it in place.

### Group Lead

Alex Newman is now the working group chair for EdgeX DevOps.

**Action**: **Alex** to run this meeting and track action items going forward.