DevOps Working Group

Thursday March 24, 2021
# Agenda

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<td>5 Min</td>
<td>DevOps Updates (Ireland)</td>
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<td>DevOps WG Misc Topics</td>
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<td>10 Min</td>
<td>EdgeX Semver Explore</td>
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<td>Updated Documentation Overview</td>
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Attendees
DevOps WG Update (Ireland)

Pipeline Enhancements

• #102 [Hold] Docker image renaming. On hold until 30 days before Ireland release

Other

• #51 [Reviewing] Spike: Semantic versioning git-semver replacement
  • Will review Semver Explore presentation again

• #319 [Complete] Developer enablement: Update documentation for pre-built pipelines

• LF Announces Free sigstore signing service sigul replacement?
  • Eric Ball will help coordinate with the LF to maybe get a demo in the DevOps WG?
DevOps WG Misc Topics

• Matrix Messenger. LF to host new Matrix messenger for LF Edge community. [https://matrix.org/clients/](https://matrix.org/clients/)
  • Update: Feedback from previous WG meeting given to LF

• Renaming master branches to main branches.
  • When: After Ireland release
  • How: DevOps can script it if we have the proper permissions, however Devs who have forked any repos will have to run a script or manually to set their default branch to “main”
  • Amount of lift: Small-Med
  • Notes: Coordinate before next planning session April/May
  • Add freeze period in the beginning of Jakarta to make the switch, coordinate pipeline changes in edgex-global-pipelines master → main

  • What would be the lift, how and where would we do this (Makefile, Jenkins, …)? Secty WG suggests looking at super linter
  • Small lift. I suggest adding to the Makefile so devs can run it locally. Once the tool is chosen we could add it to our build image
  • Notes: App services will be a guinea pig, maybe make a separate Makefile for testing. Coordinate with Security WG to choose a tool that works in a local dev env

• [ICEBOX] Possible integration of LGTM tool into PR review process. [https://github.com/edgexfoundry/edgex-go/issues/2469](https://github.com/edgexfoundry/edgex-go/issues/2469). This would need architect approval as well
  • What would be the lift, issues with this. LGTM looks to have GitHub integration and seems like something that may be able to be done by the LF.
  • Notes: App services will look to doing this integration and will work with the LF
Ireland Scope

- [Complete] Dockerfile clean-up in some services - 🚶️ Medium
- [Hold] Docker image naming - 🚶️ Small
- [Complete] Update description of Docker Hub images to indicate which are out of support - 🚶️ Small
- [Complete] Clean up DevOps wiki pages - 🚶️ Small
- [In Progress] Research Semantic versioning git-semver replacement - 🚶️ Medium
- [Complete] Developer enablement: Update documentation for pre-built pipelines - 🚶️ Medium
- [Planning] Automated change log creation - 🚶️ Medium
- [Planning] Repo badges for EdgeX repos - 🚶️ Large
- Automation around pinning image versions in developer scripts (stretch)
Notes