DevOps Working Group

Thursday September 8, 2022
## Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Owner</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Min</td>
<td>DevOps Updates</td>
<td>Ernesto</td>
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<tr>
<td>15 Min</td>
<td>edgex-ui-go Angular unit tests</td>
<td>Emilio</td>
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<tr>
<td>5 Min</td>
<td>AOB / Opens</td>
<td>Ernesto</td>
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DevOps WG Update

Pipeline Related

• #409 [Review] edgex-ui: add UI unit test to pipeline (ng test)
• #412 [Backlog] Update edgeXReleaseDocs pipeline after latest changes

Other

• Swagger documentation
  • Mkdocs plugin?
    • Does not look like a viable option.
edgex-ui-go Angular Unit Test

• Pull Request: Link
• Demo
DevOps Levski Scope

- `htmlproofer` checks on each `edgex-docs` PR (Small)
  - Plugin in for yaml disabled – task to enable it in the pipeline always
- Makedocs – support for variables (Small)
  - Research first
  - Understand impacts on `Htmlproofer`
  - This would help with docs as well as API docs
- Automate version bump in swagger api files on release (Small)
  - Modification to global libraries; adding a new step in the release process
  - Done manually today
- Assist GUI team to automate testing – Jim to coordinate with GUI (Small)
  - Size TBD
- Create a consistent make version target in the `Makefile` (Medium)
  - snaps and CI/CD share the same version
  - Requires touching most repositories
- Having our own SPIFFE/SPIRE Nexus image for use in builds (Medium)
  - Temporary solution until the Spire team has their own multi-arch images
- Optimize local `edgex-go` builds using a local image as a caching layer
Notes

• Swagger topic to be added to next planning session. Nothing to be done this release
  • Fork swagger-ui to edgexfoundry
  • Host swagger-ui with GitHub pages