DevOps Working Group Meeting

Thursday, March 07, 2019

Attendees:

James Gregg, Andy, Trevor, Walt, Cloud, Felix, Lenny, Vishwas, Jim, Ernesto, Ramya, Lisa

Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Item</th>
<th>Who</th>
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<tbody>
<tr>
<td></td>
<td>DevOps WG</td>
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<tr>
<td>10 min</td>
<td>Work Review (GitHub Project)</td>
<td>James Gregg</td>
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<tr>
<td>10 min</td>
<td>Demo (Concourse CI Approach)</td>
<td>Jacob</td>
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<tr>
<td>10 min</td>
<td>Performance Testing</td>
<td>Andy Foster / Cloud Tsai</td>
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<tr>
<td>10 min</td>
<td>Opens / Help Needed</td>
<td>All</td>
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I. DevOps Work New / Old Review

- **TIG Stack** - Meeting with LF Infrastructure Team – WIP
  Per update this week from Eric Ball, LF Infrastructure team has pulled the user story into their current sprint. Expected completion date end of next week.

- **Sigul** – WIP
  Request passed to LF via a new JIRA ticket. (Eric Ball)
  Need estimate on timeframes to completion for Edinburgh release April.

- **Device-opcua-c** – BLOCKED
  Reason Blocked: Code not committed to repo. Andy to follow up on this one.

- **Application Functions SDK** – moved out of holding and build automation – WIP
  Eric Ball follow up with the team that owns VEXHOST re: #68377- WIP

- **Documentation** for Delhi – as reported by Michael Hall – new ticket submitted this morning

- **Blackbox Job hanging** – as reported by Cloud Tsai - new ticket submitted this morning
II. Release Versioning Go Modules

*The Gradle Approach* (Ernesto) – worked on it and decided it was too much of a hack – shelved it and looking into other options. Also identified a go tool called Go Releaser – maybe for future.

The Concourse Approach (Jacob)
Demo / Discussion of the workflow
Next steps: Iterate using this approach to document the developer / release manager workflow using the tooling Jacob has built.
Focus on the go modules since it would have greater volatility than the services themselves.
Use a demo repo for a first sample test and make a decision if this is the right approach to use for perhaps Fuji release.
Nice job Jacob on the demo and leading the discussion around the proposed approach.
III. Performance Testing
Andy / Cloud: share the requirements for the build automation of the performance tests. The logical architecture diagram as depicted will not work as illustrated as the cloud hosted TIG infrastructure would not allow test execution from the cloud back into the EdgeX Jenkins infrastructure.

IV. Opens
Cloud will deliver virtual device service next week – help needed to build image for device-virtual.
Andy will share the full list of all of the device services that will be going OSS so we know what additional scope of work is coming. We will need help from developers to JJB templates for new services.

Future Agenda Items

<table>
<thead>
<tr>
<th>WW10</th>
<th>Andy – codecov.io findings</th>
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<tr>
<td>WW18</td>
<td>Athens Project – proxy server for go package dependencies</td>
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<td>Community Involvement</td>
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