Topics

1. Current state
   • Maturity
   • Commits and contributions
   • Community participation
   • Governing body
   • Documented release processes
   • Project adopters

2. 2022 Growth Plan

3. Questions & Advice
Current State - 2021
Current state -- maturity

- In March, Open Horizon was promoted to Stage Two maturity
- In April, the project turned one year old
- Now working towards Stage Three maturity, but still a ways off
- Core Infrastructure Initiative
  - openssf best practices in progress 25%
Current state – commits and contributions (new in 2021)

› Core contributions
  › Secrets Manager – Vault service as Management Hub component
  › RISC-V Agent & SDK – Intensivate contribution

› Project integrations
  › mimik – extending micro-service delivery to new environments
  › ORRA – Tibco’s Flogo and Project Air

› Project adoption – development *with* and usage *of*
  › SoftServe – SmartAg Foundation: containerized, extensible developer stack
  › OPEN – proposed solution for school/farm cooperative agriculture ventures
  › HP Inc – announced compatibility with Engage Edge
  › Added open-horizon-services GitHub project
Current state – community participation

› 26 Mentees graduated from four programs in 2021
› 34 new Committers
› 3 Committers promoted to Maintainers
› 1 new cross-project vertical organization created -- ORRA
<table>
<thead>
<tr>
<th>Metrics</th>
<th>Open Horizon (beta)</th>
<th>EdgeX Foundry (beta)</th>
<th>Fledge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of commits in the last 12 months (Feb 27, 2021 – Feb 27, 2022)</td>
<td>↓ 858.00</td>
<td>↓ 2552.00</td>
<td>↑ 1740.00</td>
</tr>
<tr>
<td>Number of total code contributors in the last 12 months (Feb 27, 2021 – Feb 27, 2022)</td>
<td>↑ 54.00</td>
<td>↓ 63.00</td>
<td>↓ 16.00</td>
</tr>
<tr>
<td>Number of new code contributors in the last 12 months (Feb 27, 2021 – Feb 27, 2022)</td>
<td>↑ 34.00</td>
<td>↓ 31.00</td>
<td>↓ 2.00</td>
</tr>
<tr>
<td>Percent of commits from the top organization in the last 12 months (Feb 27, 2021 – Feb 27, 2022)</td>
<td>↓ 76.69% International Business Machines Corporation</td>
<td>↑ 48.04% Intel Corporation</td>
<td>↓ 52.01% Dianomic</td>
</tr>
<tr>
<td>Percent of commit contributors from the top organization in the last 12 months (Feb 27, 2021 – Feb 27, 2022)</td>
<td>↓ 50.00% International Business Machines Corporation</td>
<td>↓ 23.81% Intel Corporation</td>
<td>↑ 25.00% Dianomic</td>
</tr>
<tr>
<td>Percent of commits by affiliated contributors in the last 12 months (Feb 27, 2021 – Feb 27, 2022)</td>
<td>99.30%</td>
<td>99.88%</td>
<td>100.00%</td>
</tr>
<tr>
<td>Percent of affiliated contributors in the last 12 months (Feb 27, 2021 – Feb 27, 2022)</td>
<td>92.59%</td>
<td>88.89%</td>
<td>100.00%</td>
</tr>
</tbody>
</table>
Current state – governing body

- The TSC size and composition remained unchanged
  - eight voting members: seven WG chairs and one project partner (IBM)
- The WGs voted in three new WG chairs – DevOps and Management Hub (2x)
- The SIGs remained unchanged
Current state – documented release processes

In the process of planning for a community-directed feature roadmap and release process, we realized that we didn’t have a process for members to propose new features. We created and implemented that process as part of a Feature Request Lifecycle.

The Feature Request process is divided into four distinct stages, collectively comprising the Feature Request Lifecycle:

- **Feature Candidate** – This is the stage where an idea for one or more user outcomes is defined as a Feature, described and presented, and accepted or rejected.
- **Feature Design** – This is the stage where the Feature is built. The technical requirements will be decomposed into discrete tasks/issues, development will ensue, then testing and deployment.
- **Feature Support** – This stage covers the time when the functionality is available to the public and OH will work to fix any identified bugs.
- **Feature Archive** – This stage is the final resting place for obsolete, superseded, or deprecated Features that may be of historical significance but are no longer under development or supported.
Current state – project adopters (in alphabetical order)

› Deutsches Zentrum fur Luft und Raumfahrt (DLR)
› Foxconn
› HP Inc
› IBM
› Intensivate
› Kyndryl
› mimik
› SoftServe
› Submergence Group
› Tibco
2022 Growth Plan

› Host a public instance of Open Horizon in LF Edge Shared Community Lab
› Make significant progress towards Stage Three maturity
› Hold more development-related meetings in public, open office hours
› Create training materials and developer kits for education
› Expand the edge beyond trad. containerized hosts – ex. Samsung, mimik
› Enable smart retail – ex. Vantiq, CapGemini
› Promote smart agriculture and sustainability – ex. OPEN, DT4GS, N50, AgriRegio
› Support security on the edge – ex. AccuKnox
› Foster human/cobot interactions – ex. Boston Robotics
› Explore application-directed networking
› Recruit at least four project partners and obtain resource commitments
Questions and Advice
Thank You
Backup