Open Horizon project

Summer 2024 @ GaTech

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LF EDGE

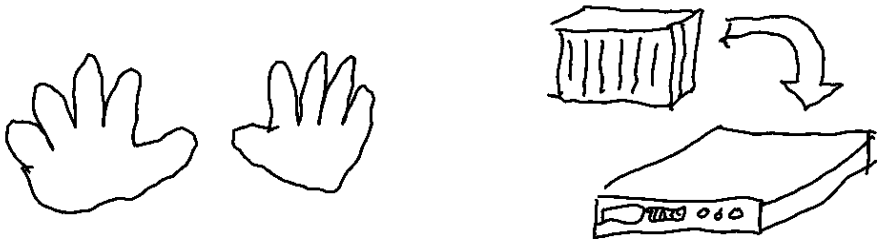
OPEN HORIZON

ibm.biz/open-horizon

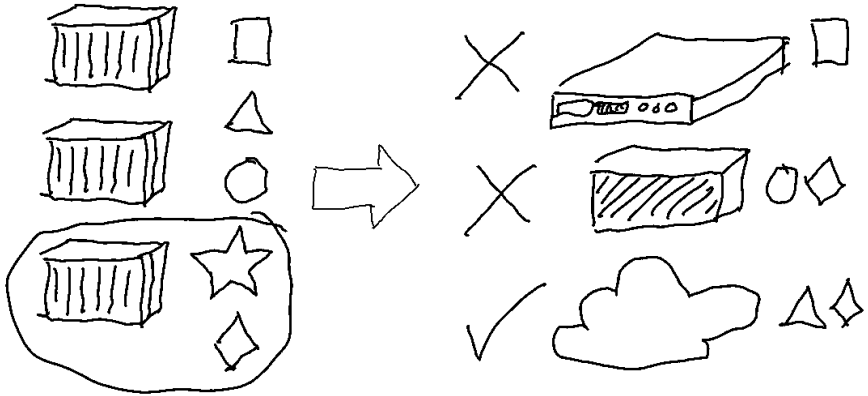
Is used in COTS	Uses this OSS
Edge Application Mgr. Hybrid Cloud Mesh Falcon Tactical Edge	Docker Podman Kubernetes FIDO Device Onboard OpenBao MongoDB PostGreSQL Operator SDK

A hands-free, no-code app & ML placement tool

Zero touch container placement & onboarding



Container and ML deployment by matching attributes



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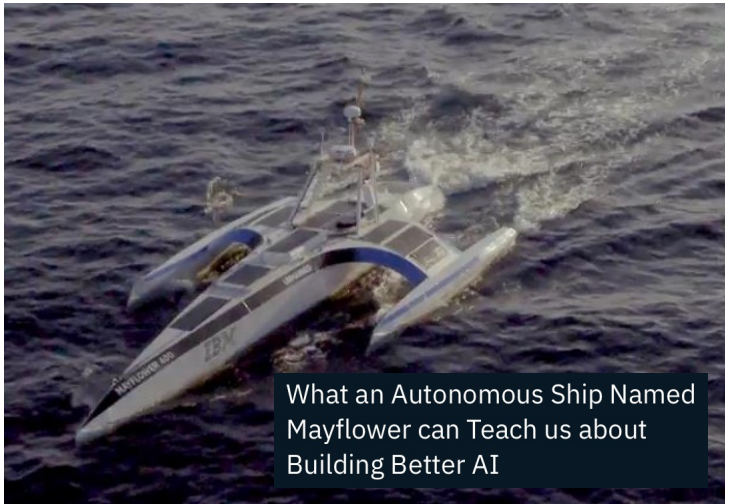

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Learn more …

NOTE: Scroll to the bottom of the page for links

Project needs that teach valuable skills:

- Expose Open Horizon edge nodes as Ansible playbook target lists
- Try out our service examples and open issues to standardize them, including multi-architecture builds
- Work with the nascent OpenBao project incubating under Open Horizon
  - Learn how to write test cases
  - Help implement build automation, including GitHub Actions
  - Generate diagrams using Mermaid and draw.io
  - Expand the UI allowing components to dynamically add their own screens
  - Add PKCS#11 support to Auto Unseal
  - External plug-in execution improvements

Thank you

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