Technical Advisory Council (TAC)

Update to Akraino Community
Spring Technical Meetings

Jim St. Leger, Intel Corporation
TAC Chair
03 March 2021

https://wiki.lfedge.org/pages/viewpage.action?pageId=1671298
**Vision:** Our software & projects enable rapid productization of Edge platforms by leveraging end user input to drive and supply the necessary building blocks (and/or frameworks, reference solutions) to facilitate integration and interoperability for Edge Computing across Telecom Service Providers, Cloud Providers, IOT & Enterprises

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**Projects**

**IMPACT - STAGE 3**
- AKRAINQ
- EDGE X FOUNDRY

**GROWTH - STAGE 2**
- EVE
- HOMEDGE
- FLEDGE
- STATE OF THE EDGE

**AT LARGE - STAGE 1**
- BAETYL
- OPEN HORIZON
- SECURE DEVICE ONBOARD

Gov Board Vote
LF Edge Cross-Project Collaboration

- Industrial IoT (IIoT) at the Smart Device Edge – blueprint family
- Collaboration between Project EVE, Fledge, and Akraino

LF Edge’s EVE does this without vendor lock-in or the risk of brick the device.

LF Edge’s Fledge is an open source framework that has a common set of RESTful APIs for administration and applications.
LF Edge – Community Lab

- Akraino Shared Community Lab has been up-leveled to LF Edge TAC Community Lab Subcommittee
- [https://wiki.lfedge.org/display/LE/TAC+Community+Lab+Subcommittee](https://wiki.lfedge.org/display/LE/TAC+Community+Lab+Subcommittee)
- Community Lab Charter complete
- Acceptable Use Policy (AUP) complete
- Active participants identified
- Subcommittee chair elected: Lincoln Lavoie
- Open meetings bi-weekly on Wednesday 1500 UTC

Current: [https://wiki.akraino.org/display/AK/Shared+Community+Lab](https://wiki.akraino.org/display/AK/Shared+Community+Lab)
Moving To: [https://wiki.lfedge.org/display/LE/Shared+Community+Lab](https://wiki.lfedge.org/display/LE/Shared+Community+Lab)
LFX Toolkit to Monitor the Health of Open Source Projects

- Insights
  - Security [BETA]
- Community Events
- Mentorship
  - Crowdfunding
  - Training Portal
- Individual Dashboard
- Member Enrollment
- Project Control Center (Limited Access Beta Early 2021)
- EasyCLA
- Landscape
- Organization Dashboard (Limited Access Beta Early 2021)

https://lfx.dev or https://lfx.linuxfoundation.org/
LFX Toolkit to Monitor the Health of Open Source Projects

Analytics on Source Control, PRs/Changesets, Issue Management, and CI/CD Technical Trends and Ecosystem Trends

https://insights.lfx.linuxfoundation.org/projects/lfedge%2Fakraino-edge-stack/dashboard
LF Edge Mentorships – Open Horizon

» Mid-2020 LFX Mentorship opportunity
» Four Open Horizon members became mentors
» >30 applicants narrowed down to 4 selected mentees
» Blog post describes the process and experience
» https://www.lfedge.org/2021/01/12/open-horizon-mentorships-with-lfx/

Open Horizon Mentorships with LFX

By LF Edge | January 12, 2021 | No Comments

» 2021 Mentorship Program has 3 mentors and 3 mentees
Home Edge Project Earns Core Infrastructure Initiative Best Practices Badge

› Join March 10th TAC meetings to hear full CII details from Taras Drozdovskyi

https://bestpractices.coreinfrastructure.org/en
LF Edge End Users Solutions Group

› End Users Solutions Group (EUSG) is forming and developing plans


› EUSG Charter and Participation Agreement are awaiting governing board review and approval

› Objective is to drive cross-project open discussion with end users around user requirements

› Goal of EUSG is to produce demos, messaging, white papers, collateral, etc.

› Currently looking for end users and industry expert companies

› Applicable industries include Manufacturing, Energy (Oil & Gas, Utilities), Commerce/Retail, Homes (including B2B2C use cases), Automotive, Fleet/Transportation, Logistics, Building Automation, Cities and Government, Agriculture, Healthcare, and any other verticals
Get Involved in the LF Edge Technical Communities (TSCs and TAC)

› Participation in LF Edge Projects is open to all

› Getting involved in the technical communities is the best way to learn
  › **Step 1:** Get a Linux Foundation ID Here: [https://identity.linuxfoundation.org/](https://identity.linuxfoundation.org/)
  › **Step 2:** Visit LF Edge Wiki ([https://wiki.lfedge.org/](https://wiki.lfedge.org/))
  › **Step 3:** Join TAC meetings (every other Wednesday), workflows for the projects and working groups, subscribe to mailing lists, ask questions, contribute!

Ways to participate:

› Attend project meetings
› Attend developer events
› Join approved projects
› Propose a project
› Write documentation
› Contribute use cases
› Analyze requirements
› Define tests / processes
› Review and submit code patches
› Build upstream relationships
› Contribute upstream code
› Provide feedback through VSFG
› Host and staff a community lab
› Answer questions
› Give a talk / training
› Create a demo
› Evangelize LFE and its projects

**TAC Homepage**  [https://wiki.lfedge.org/pages/viewpage.action?pageId=1671298](https://wiki.lfedge.org/pages/viewpage.action?pageId=1671298)
Summary

› Akraino’s growth and execution continues
› Good cross-project collaboration. Please continue
› LF Edge Membership – we appreciate your support
› Join the TAC meetings. Participate!
Thanks
Questions?
Comments?