Vertical Solutions Working Group

Commerce Project

August 14, 2019
LF Antitrust Policy Notice

EdgeX Foundry meetings involve participation by industry competitors, and it is the intention of the Linux Foundation to conduct all of its activities in accordance with applicable antitrust and competition laws. It is therefore extremely important that attendees adhere to meeting agendas, and be aware of, and not participate in, any activities that are prohibited under applicable US state, federal or foreign antitrust and competition laws.

Examples of types of actions that are prohibited at EdgeX Foundry meetings and in connection with Linux Foundation activities are described in the Linux Foundation Antitrust Policy available at http://www.linuxfoundation.org/antitrust-policy. If you have questions about these matters, please contact your company counsel, or if you are a member of the Linux Foundation, feel free to contact Andrew Updegrove of the firm of Gesmer Updegrove LLP, which provides legal counsel to the Linux Foundation.
Attendees

- Intel – Brad Corrion, Eno
- ControlBeam – Doug Migliori
- Dell – Jean Marie
- Aevistrack - Mike
- Redis - Andre Srinivasan
- HP – Henry Lau, Sandip Kamat
Agenda

1. OBEDA Autonomous Edge demo – Doug Migliori (ControlBeam)

2. Hackathon use case categories
Hackathon – EdgeX Games

• Date: Oct 7-8, 2019
• Location: Chicago downtown TechNexus

• Proposed retail themed use case categories (** to be finalized):
  • Advanced loss prevention
  • Dynamic personalized retail experience
  • Inventory management
  • Open category

• Teams welcomed to contribute equipment, tools, data services, etc
  • Expect teams to come with on-site support staff
Base components in Edge Gateway

- Gateway hardware: x86 or ARM
- Linux OS
- Docker container
- EdgeX stack
Example: Inventory management how to?

**Sensor source**: RFID, weight, location, Bluetooth, vision, etc.
- Vision processing will need higher caliber gateway HW with GPU
- Ceiling mount RFID sensor need calibration/filtering/config in a new space
- Participants to bring what is needed.

**Prework phase**:
- EdgeX team can provide base recipe to support simple cases, data simulators or sample dataset
- Participants to design advanced scenarios, identify additional ingredients to design

**At the event**:
- Some gateway HW with base config available
- EdgeX team could inject surprise requirements, data source, twists