EDGE X FOUNDRY™

China Project Meeting

https://wiki.edgexfoundry.org/display/FA/China+Project
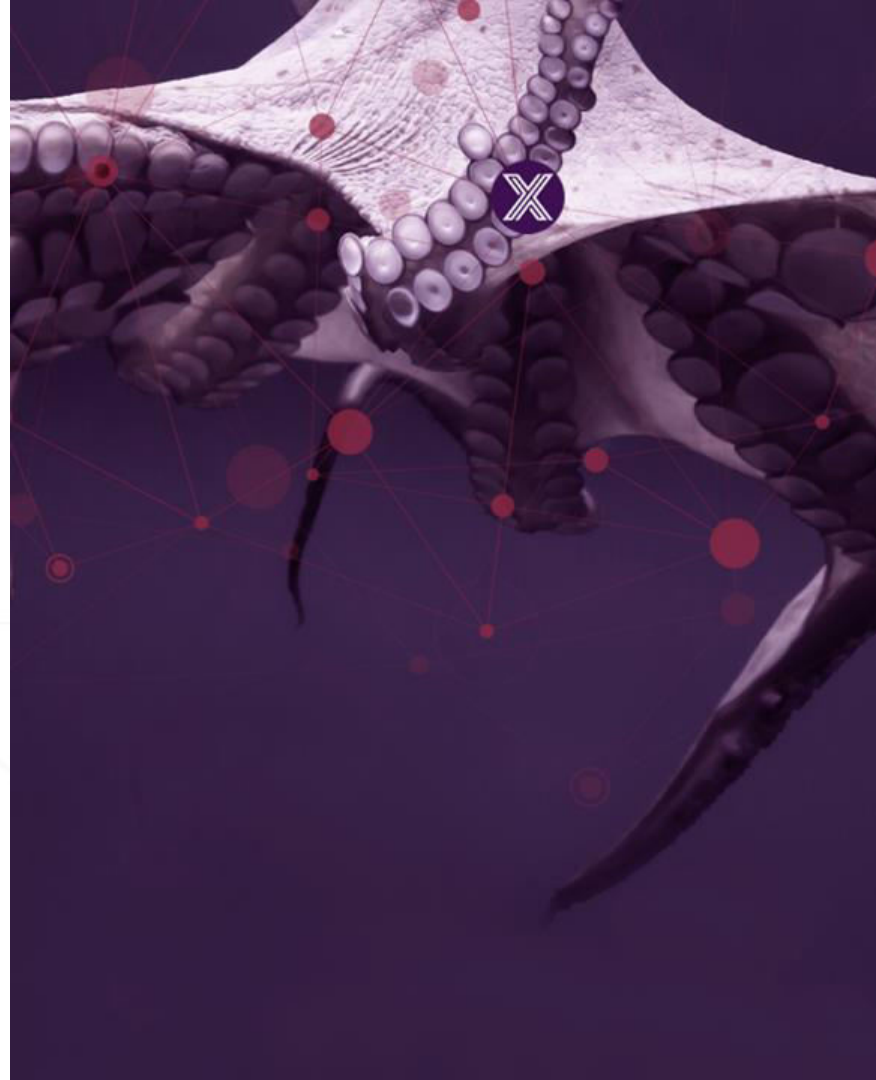
Feb 5, 2021

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.

Meeting Logistics

Time: 3pm – 4pm (China Standard Time) CST first Friday monthly

Dial-In Info: Join Zoom Meeting: https://zoom.us/j/392518710

Dial by your location:

+86 10 87833177 China	+1 669 900 6833 US (San Jose)
+86 10 53876330 China	+1 646 558 8656 US (New York)
400 669 9381 China Toll-free	877 369 0926 US Toll-free
400 182 3168 China Toll-free	855 880 1246 US Toll-free
400 616 8835 China Toll-free	

Meeting ID: 392 518 710

Find your local number: https://zoom.us/u/abscayLpz

*China Project calls are recorded and added to Wiki post-call

China Project – Core Team Members/Representatives Present Today

Company	Name	Email
VMware	Gavin Lu	gguanglu@vmware.com
Intel	Melvin Sun	melvin.sun@intel.com
Thundersoft	Xiaojing Xu	
WayClouds		
EMQ	Rocky Jin	rocky@emqx.io
IoTech	Joey Fan	hans@iotechsys.com
Jiangxing AI	Danyang Song	songdanyang@jiangxing.ai

Note: Quorum for China Project meetings requires at least fifty percent of all voting members of the TSC to be present. The TSC may continue to meet if quorum is not met, but will be prevented from making any decisions at the meeting. Decisions by vote at a meeting require a majority vote of those in attendance, provided quorum is met. Current quorum = 5 members

Today's Agenda

- Core team updates
- Upcoming Events

Core team update

Maintainers

Maintainer Update (Gavin)

- China Project wiki
  - https://wiki.edgexfoundry.org/display/FA/China+Project
- Official Wechat
  - ID: EdgeXFoundryCN, Chinese: "EdgeXFoundry社区"
- TSC Monthly Meeting for China
  - Start from one day between Feb 24-26 (suggest Fri morning)
- Call For Proposal
  - user experience, use case overview, vision sharing etc.
- Offline Q1 meetup in plan with Melvin
  - At Shenzhen/Shanghai in March (Call for participation and sponsorship)

创作征集令

在过去的三年时间里，
国内的广大用户和伙伴
在自己的相关行业和场景内
纷纷实践EdgeX，
相信各有不同的心得体会。
我们希望能够创造机会，
鼓励大家讲自己的体验和看法
分享给其他同行，
促进中国社区的进一步壮大。

参与即有奖

X 所有按规则提交创作的朋友，都将获得社区精心
准备的男士商务正装礼盒一套。

X 经我们审阅符合转载条件的朋友，都可以获
得树莓派4代B型一件，且文章将冠名转载至所
有社区官方宣传渠道，并被翻译成英文，
向LF Edge博客推荐发表。

X 我们将根据创作发布后的转发、点赞率等综合方
面评出3大奖项并在社区第一季度Meet-Up活动
中公布并颁发证书及奖品。
（小米多看电纸书，MI电话手表，行车记录仪）

征文活动规则

* 您所在的公司或机构必须是 EdgeX Foundry 开源项目
（https://www.edgexfoundry.org/）的真实用户，或正使用EdgeX
Foundry为您的客户/用户搭建真实的软件系统、产品、方案。

* 文章应为EdgeX Foundry的使用案例、经验分享、功能介绍、开发
经验等方面的1000字以上中文文章或20分钟以上视频格式
（像素高于720p，格式为16:9）。

* 文章需要在2021年2月6日之后在网上公开发表，例如技术论坛、个
人博客、微信公众号等平台。

文章必须内容真实，且是参与者原创，严禁抄袭每位作者只能提交一
次，多次提交的将失去参与资格。

* 我们拒绝接收包含具有争议性内容的文章，主办方保留自行决定哪
些属于具有争议性内容的权利

* 文章提交时间：2021年2月6日至2021年3月31日。

* 请您将个人姓名、联系方式，文章链接和公司邮箱，
发送至

usun@vmware.com 或 ting4xu@intel.com

如有任何问题，欢迎在"EdgeXFoundry社区"
公众号后台留言或扫码进入社群参与讨论。

扫描二维码   加入社群

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Screensho

Maintainer Update (Melvin)

- Chinese version websites of EdgeX Foundry
  - https://www.edgexfoundry.org/
  - https://docs.edgexfoundry.org/
- EdgeX community channel on CSDN, OSChina
  - https://edgex.cloud.csdn.net/
  - https://www.oschina.net/group/edgex-foundry

- EdgeX China Hackathon (middle of Y21)
- Involve more vertical segments (Health & Life Science, Smart Cities, … ?)

Call for candidate vendors

Call for participation

Call for sponsorship & participation

Core team update

Contributors

Contributor Update – Rules Engine (EMQ)

- Version 1.1.2 to be released at the middle of Feb
  - Done
    - GeoHash function support - 10 functions
    - Fixed stop rules memory leak problem
    - The data-source support for http source
    - Improve design for function plugin - one plugin supports multiple functions
    - The 2 image processing functions are merged into one source file
    - Run process/container as "kuiper" user - https://github.com/emqx/kuiper/pull/689
  - Ongoing
    - SQL optimization for window operations

Contributor Update – UI & K8S (VMware)

- UI
  - Current framework: data visualization done mostly, going to finish device creation wizard
  - New framework: met with some issues on API v2, fixing.
- K8S
  - Crawl phase: YML file published at

https://github.com/edgexfoundry/edgex-examples/tree/master/deployment/kubernetes
  - Validations
    - On SuperEdge & TKE@Edge:
https://mp.weixin.qq.com/s/0OOBazTMJQh4SXItNaVIMQ
    - On KoE & VMware TKG:
https://v.youku.com/v_show/id_XNTA5NTc5NjE0MA==.html

Contributor Update – Document Update (Thundersoft)

- Plan for edge-device-support documentation

  - Run EdgeX version Hanoi 1.3.1（Ireland 2.0, in the future） on edge computing devices.

  - Update the documentation for the EdgeX latest release.

  - Support more edge computing devices for deploying EdgeX since unboxing.

  - Adding experiments for distributed deployment of device services

  - Document will be updated on https://github.com/edgexfoundry-holding/edge-device-support

Contributor Update – Device Drivers (Jiangxing)

- GPIO device under reviewing
    - serveral commits are updated
    - discussed in Device WG, more code review in this weekend
    - https://github.com/edgexfoundry-holding/device-gpio
- OPC-UA / PLC Device Intergration
    - tested data fetching with avg, p95 and p99
    - target: <= 100ms, p95: 200ms~300ms
- EdgeX version upgrading to Hanoi in Vertical solution

Upcoming Events

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  - 1st: between Feb 24-26
- Call For Proposal
  - user experience, use case overview, vision sharing etc.
- Offline Q1 meetup in plan with Melvin
  - At Shenzhen in March

Thank You!

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