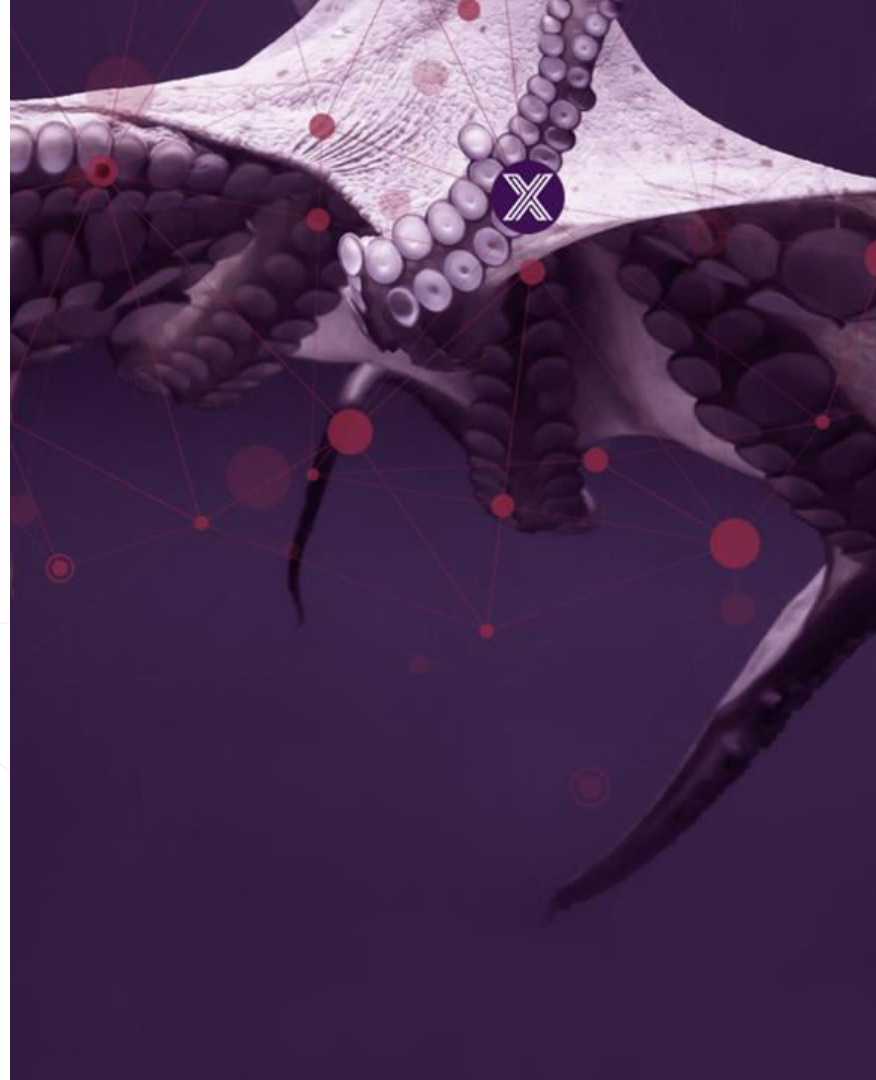




China Project Meeting

<https://wiki.edgexfoundry.org/display/FA/China+Project>
<https://cn.edgexfoundry.org/>

Oct 22, 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

+86 10 53876330 China

400 669 9381 China Toll-free

400 182 3168 China Toll-free

400 616 8835 China Toll-free

Meeting ID: 392 518 710 Passcode: 937 392

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

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

+1 669 900 6833 US (San Jose)

+1 646 558 8656 US (New York)

877 369 0926 US Toll-free

855 880 1246 US Toll-free

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/Gavin Zhang	
EMQ	Jiyong Huang/Rocky Jin	
Jiangxing AI	Danyang Song	songdanyang@jiangxing.ai
WayClouds	Changcong Lei	
Google	Ulia Sun	xiaofangs@google.com

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
- Google Developer Group Introduction
- Contributor Updates
- Upcoming Events





EDGE X FOUNDRY™

Core team updates

Maintainers

Maintainer Update (Gavin)

- Official Wechat
 - ID: EdgeXFoundryCN, Chinese: “EdgeXFoundry社区”
- Chinese Forums
 - <https://www.oschina.net/group/edgex-foundry> @ OS China
 - <https://edgex.cloud.csdn.net> @ CSDN
- Dot Release v2.0.1
 - device-camera, on Oct 8
- Jakarta Release v2.1
 - Freeze date: Oct 27
 - Release date: Nov 17
- Kamakura Release
 - Planning meeting: Nov 1-4
- EdgeX Q3 Meetup (in Ace Conf)
 - Full day event around Sep 27 (online only with video record)
 - <https://webinar.easylaa.com/webinar/Vodondemand1.aspx?baseID=33209&r=90d5b24ec929473cb34d5716be380316>

Maintainer Update – (Melvin)

赛道	获奖级别	金额 (万元人民币)	获奖团队	单位
工业与物流赛道	一等奖	3	Keep A+X战队	研华科技
		3	中兴通讯AGV产品团队	中兴通讯
	二等奖	2	iSimple	常州工学院
		2	苏州新森智能	苏州新森智能
	三等奖	1	南洋AIoT	南洋万邦软件
行业影响力大奖	1	新华三HES物联边缘计算团队	新华三	
商业与医疗赛道	一等奖	3	凡米智能超级战队	上海凡米智能
	二等奖	2	网易疾风	网易
		2	镁伽机器人	北京镁迦机器人
	三等奖	1	春光灿烂队	南京未来物联
		1	慧博物联先锋队	慧博云通
	未来之星奖	1	JX-Aspiration	江行智能
未来之星奖	0.5	南科一梦队	南方科技大学	
开源组件特别奖	OpenVINO	2	京东星链	京东
	EII	2	慧博物联先锋队	慧博云通
		2	江行游者	江行智能
	Baetyl	2	春光灿烂队	南京未来物联
		2	网易疾风	网易
	5G 云化AGV	2	中兴通讯AGV产品团队	中兴通讯

EdgeX challenge 2021

- Winner list announced
- Awarding ceremony scheduled on Nov 18th
- News blogs and promotion video under preparation

Maintainer Update – About Chinese website

<https://cn.edgexfoundry.org/>

Top10来源网站(过去7天)

来源网站	浏览量(PV)	占比
www.edgexfoundry.org	229	51.12%
直接访问	82	18.3%
www.oschina.net	29	6.47%
Google	27	6.03%
cn.bing.com	19	4.24%
www.ecosia.org	15	3.35%
bbs.csdn.net	12	2.68%
搜狗	8	1.79%
360搜索	7	1.56%
其他	20	4.46%

Top10来源网站(过去7天)

受访页面	浏览量(PV)	占比
https://cn.edgexfoundry.org	136	30.36%
https://cn.edgexfoundry.org/get-started	83	18.53%
https://cn.edgexfoundry.org/software/platform	51	11.38%
https://cn.edgexfoundry.org/why_edgex/why-edgex	28	6.25%
https://cn.edgexfoundry.org/ecosystem/members	18	4.02%
https://cn.edgexfoundry.org/why_edgex/case-studies/case-study-3	18	4.02%
https://cn.edgexfoundry.org/community	14	3.13%
https://cn.edgexfoundry.org/why_edgex/case-studies	12	2.68%
https://cn.edgexfoundry.org/latest/edgex-v2-0ireland	10	2.23%
https://cn.edgexfoundry.org/ecosystem/adopter-series	10	2.23%

Maintainer Update – About Chinese website



	省份	浏览量(PV)	占比
1	广东	92	22.22%
2	北京	72	17.39%
3	山东	65	15.7%
4	上海	56	13.53%
5	江苏	32	7.73%
6	浙江	28	6.76%
7	安徽	16	3.86%
8	湖北	10	2.42%
9	福建	9	2.17%
10	其余地区	34	8.21%



Google Developer Group Introduction

Ulia Sun, GDG Community Manager of Google China



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Core team update

Contributors

Contributor Update – Rules Engine (EMQ)

- 1.4.0 开发中, 1.4.0.beta.0 发布
 - Portable 插件：支持第三方语言，独立进程，大大简化编译部署
 - 共享连接：edgeX source 和 sink 可使用相同连接
 - 规则链：多个规则可通过内置主题（inMemory）灵活连接
 - 支持配置 Redis 存储

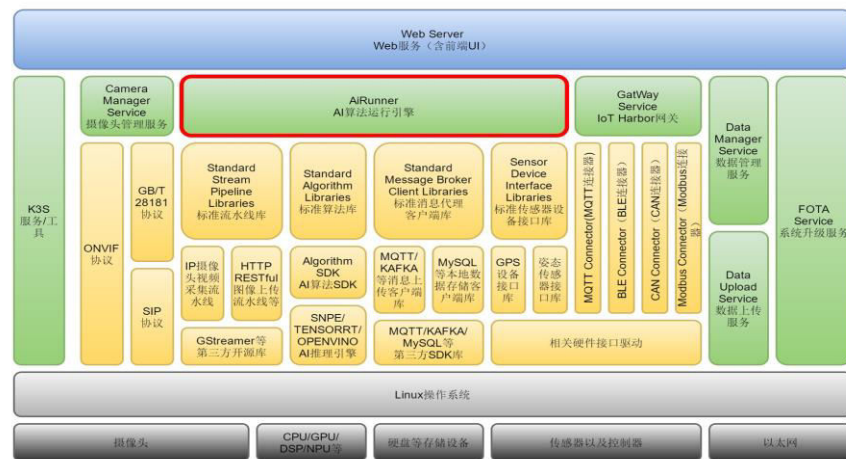
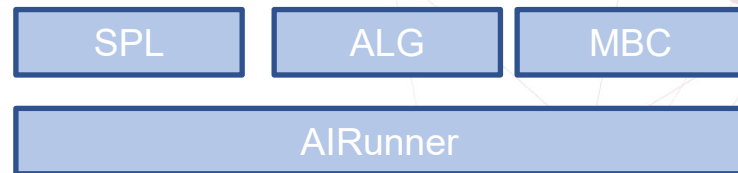
Contributor Update – UI & K8S (VMware)

- VMware joined LF Edge as Primer Member independently in Oct
 - spin-off on Nov 1, so no longer act as part of Dell in LF Edge
- UI
 - working on security mode, GUI in front of API gateway
 - TODO: localization support (Chinese)
 - Fixed bugs after v2.0.1
- K8S
 - yurt-edgex-manager (to manage EdgeX lifecycle with CR) & yurt-device-controller (to manage devices with CR) released with OpenYurt v0.5, on Sep 26
 - <https://github.com/openyurtio/openyurt/blob/master/CHANGELOG.md>
 - looking for feedbacks and plan to generalize it for all K8S vanilla or edge projects

Contributor Update – Document Update (Thundersoft)

AIRunner: 边缘侧AI处理框架

- 本质上它是一个用C++实现的微服务/应用
- 它只负责构建数据流以为它们提供运行环境，它提供RESTful接口以便其它服务动态控制它，提供MQTT控制接口以便和定制项目对接
- 解耦了SPL模块、ALG模块和MBC模块之间的关系
 - SPL - 标准流水线库 (Standard Stream PipeLine Library) 负责为AiRunner提供待处理的、格式统一的图像数据
 - ALG- 标准算法库 (Standard ALGORITHM Library)
 - MBC- 标准消息代理客户端库 (Standard Message Broker Client Library) 负责算法处理结果的格式化消息的本地存储和/或对接云端



Contributor Update – Device Drivers (Jiangxing)

device-gpio

- Upgraded GPIO device services with v2 API

device-uart

- Refactor UART device service, and upgrade to v2 APIs
 - Define two types of devices: Uart-Monitor and Uart-Transceiver

Contributor Update – AI Serving (Jiangxing)

AI serving framework (Trueno)

- Upgrade trueno to version 1.1.5, we provide source code, docker image, sample ai model and configuration files for test.
- Based on 2.0 api, we provide device service(device-trueno-mqtt) to interact with trueno.
 - Process: (device-trueno-mqtt) fetch image -> (device-trueno-mqtt) publish frame via restful api -> (trueno) subscribe frame, infer and publish ai result -> (device-trueno-mqtt) subscribe ai result and export

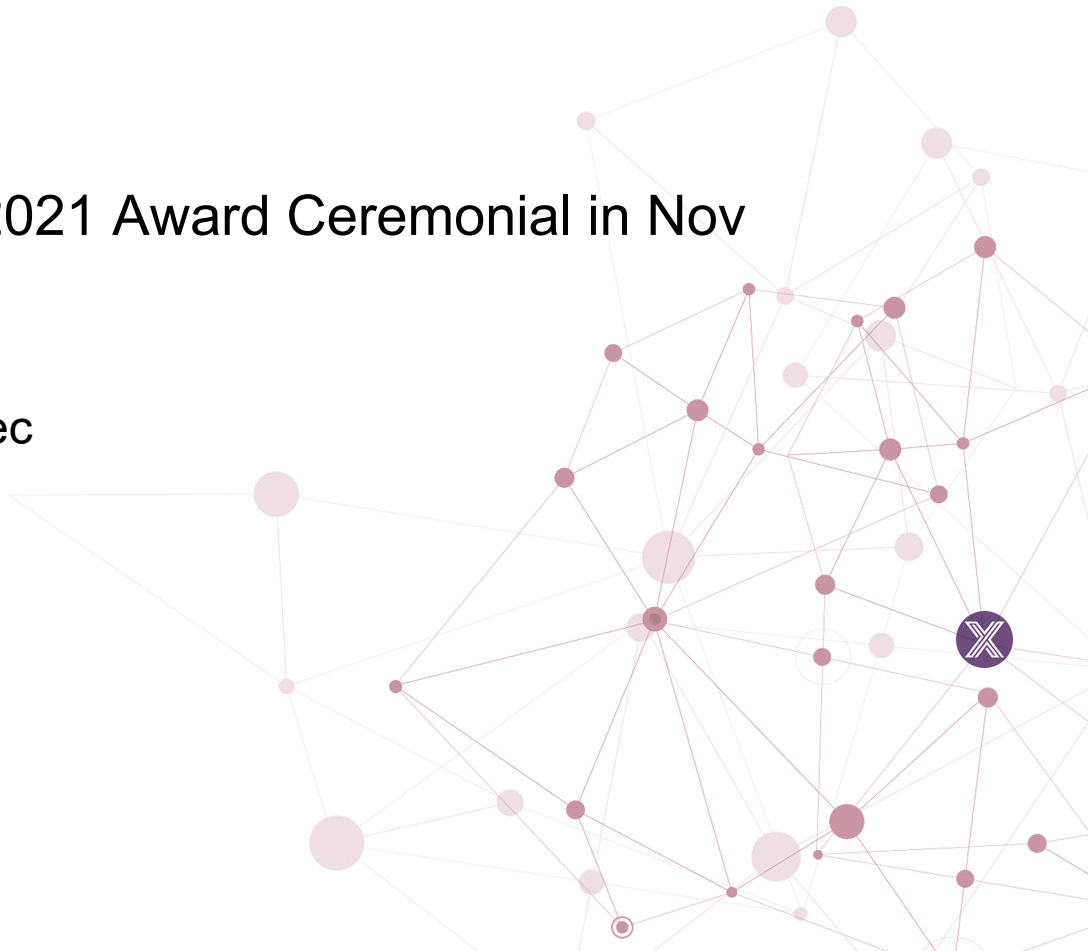


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Upcoming Events

Upcoming Events

- EdgeX Challenge China 2021 Award Ceremonial in Nov
 - at Shanghai
- EdgeX Q4 meetup
 - at Shenzhen, in mid of Dec





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Thank You!