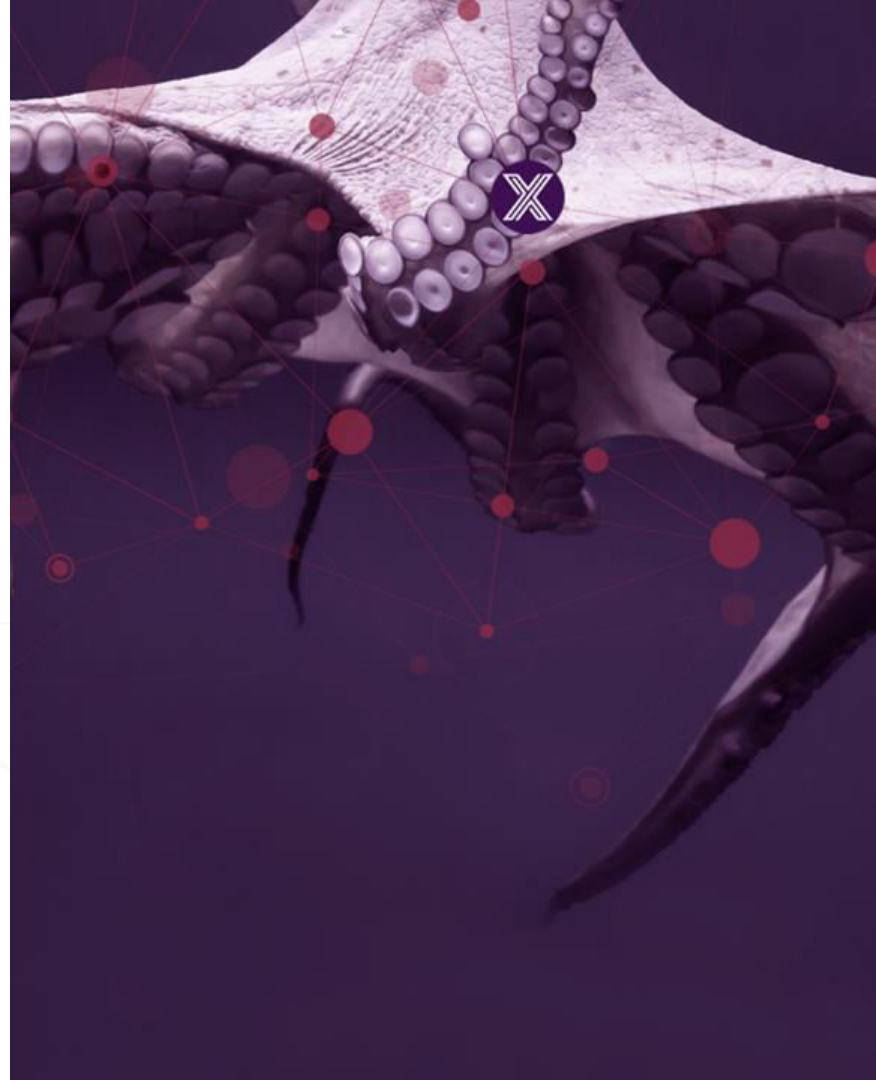




China Project Meeting

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

Dec 4, 2020



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 Updegrave of the firm of Gesmer Updegrave 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

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		gavin.zhang@thundersoft.com
WayClouds		fuqiang@wayclouds.com
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
- Industry sub-teams 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”
- ChinaSC 2020 OSS Forum at Beijing, on Nov 15
 - <https://mp.weixin.qq.com/s/GYBzW27M23HijyGDu-lxA>
- Dell Technical Forum 2020 online, on Nov 13
 - https://v.youku.com/v_show/id_XNDk4ODU0NjcyNA==.html
- Ireland planning meeting, on Nov 9-13
 - <https://mp.weixin.qq.com/s/njq8vwSI3lwM6mjnkoZJJQ>
- EdgeX Foundry China Day 2020
 - Target on Dec 22/23

EdgeX Foundry China Day 2020

Day 1 - 12/22 Tuesday

	Time	Content	Speaker	Venue	Access
				Thundersoft	Onsite +Live Streaming
Community Meeting	10:10-10:30	EdgeX Foundry Outreach committee, Q&A	Camilo Dennis (Melvin联系)	12F-MR	Onsite
	10:30-12:00	China Project Annual Review & Planning	Group discussion led by Melvin & Gavin	12F-MR	Onsite

LUNCH

Opening	14:00-14:05	Speech by Jim White	Jim White	Online	zoom + Wechat+ Bilibili
	14:05-14:20	Opening speech	Alan Ren	12F-MR	zoom + Wechat+ Bilibili
	14:20-14:40	LF APAC	Yang Hin (xuan)	12F-MR	zoom + Wechat+ Bilibili
	14:40-15:00	Y20 summary & Y21 plan (Technical track)	Gavin Lu	12F-MR	zoom + Wechat+ Bilibili
	15:00-15:20	Y20 summary & Y21 plan (Marketing track)	Melvin Sun	12F-MR	zoom + Wechat+ Bilibili

Tea Break

Adopters Series	15:30-15:50	Thundersoft - 待提供	Shuo Zhang	12F-MR	zoom + Wechat+ Bilibili
	15:50-16:10	基于EdgeX Foundry的电力物联网应用实践	Danyang Song	12F-MR	zoom + Wechat+ Bilibili
	16:10-16:30	EdgeX Foundry 中规则引擎设计及使用	Rocky Jin	12F-MR	zoom + Wechat+ Bilibili
	16:30-16:50	IoTech	Hans Chen	12F-MR	zoom + Wechat+ Bilibili
	16:50-17:10	Agree Technology	?	12F-MR	zoom + Wechat+ Bilibili
	17:10-17:30	《面向SI/ISV 的 EdgeX Foundry 调研报告》介绍	Thomas Wang	12F-MR	zoom + Wechat+ Bilibili
	17:30-17:50	Award announcement	Gavin & Melvin	12F-MR	zoom + Wechat+ Bilibili

Day 2 - 12/23 Wednesday

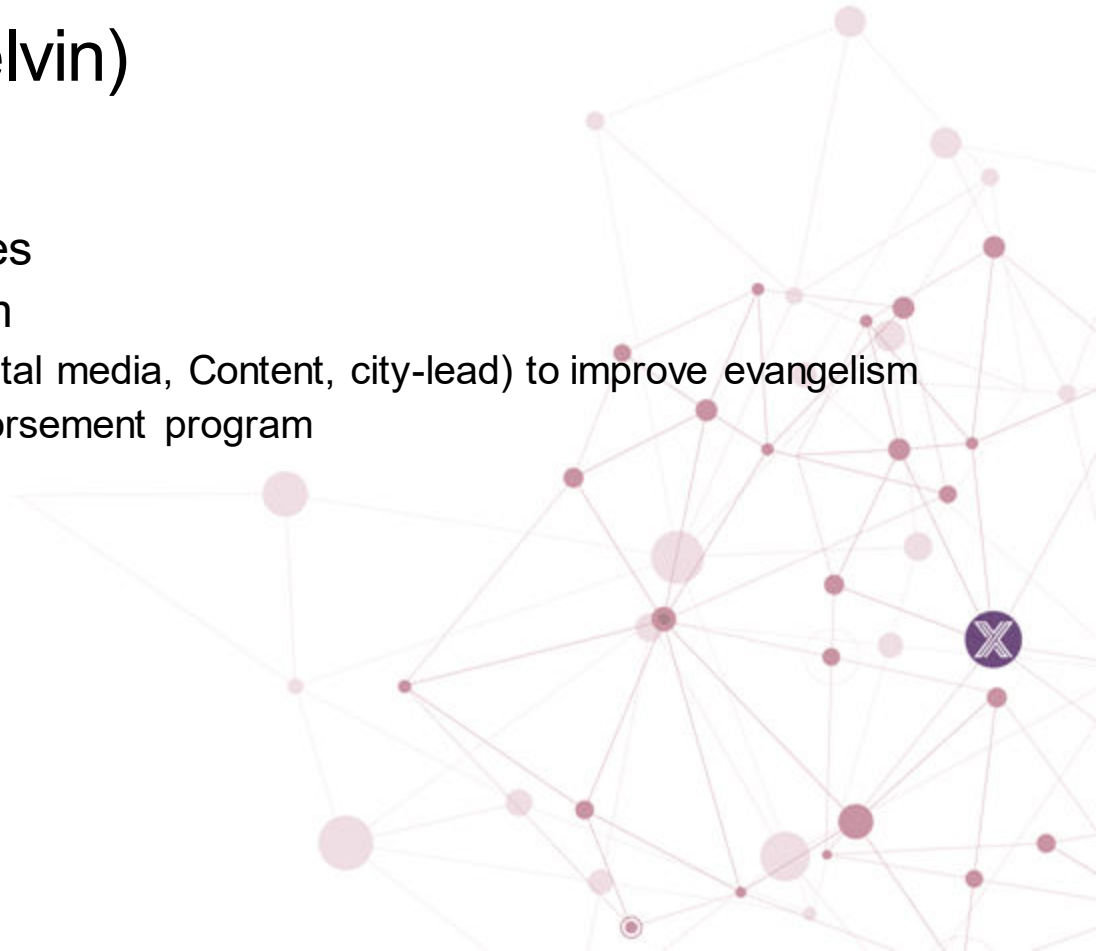
	Time	Content	Speaker	Venue	Access (B站自由选择)
Breakout 1	14:00-16:00	Workshop 1: AI/OpenVINO	Intel	Online	zoom + playback
Breakout 2	14:00-16:00	Workshop 2:EdgeX coding camp	Thundersoft/Jiangxing	Online	zoom + playback
Breakout 3	14:00-16:00	Workshop 3:How to use Rule Engine in EdgeX	EMQ	Online	zoom + playback

Maintainer Update (Melvin)

- To prepare for EdgeX Foundry China Day 2020:
 - ✓ **Y20 Community Award**
Each core team nominates 1-2 candidates (program development, or evangelism & adoption) by WK50, to be rewarded on Y20 annual meeting.
 - ✓ **Ongoing collaborations with devs community** (part of DX improvement program)
 - CSDN (<https://blog.csdn.net/edgexfoundry>): blog, Q&A, live streaming, etc.
 - OSChina (under discussion)
 - ✓ **Volunteer program (to be approved)**
Digital media support, content contribution, city-lead

Maintainer Update (Melvin)

- Y21 plan:
 - ✓ Develop vertical use cases
 - ✓ DX improvement program
 - Volunteers program (Digital media, Content, city-lead) to improve evangelism
 - Training, certificate, endorsement program
 - ✓ Adopters program
 - ✓ Hackathon event



Contributor Update – Rules Engine (EMQ)

2021 Roadmap
Updated 8 days ago

Q1	Q2	Q3	Q4
1.3.0 - Jan Added by jinfahua	1.4.0 - Apr Added by jinfahua	1.5.0 Jul Added by jinfahua	1.6.0 - Oct Added by jinfahua
Eco-system <ul style="list-style-type: none">Develop more pluginsPlugins marketK3s device model support Added by jinfahua	Binary data support, so audio and video streams can be analyzed. Added by jinfahua	Scheduled rule support. For example, <ul style="list-style-type: none">Run rule every x minutes/hours/daysRun the rule at a specific time. Added by jinfahua	Batch API invocation for Kuiper instances. Added by jinfahua
Rule pipeline support. Added by jinfahua	Integrate with ML frameworks. Added by jinfahua	1.5.1 Aug Added by jinfahua	1.6.1 - Nov Added by jinfahua
Plugin management with edge-manager Added by jinfahua	1.4.1 - May Added by jinfahua	Optimization for plugin arch design. <ul style="list-style-type: none">Investigate Socket/gRPC plugin implementation, and reduce the effort for complex compilation & deployment procedure. Added by jinfahua	More mathematics functions support, such as, <ul style="list-style-type: none">95 percentileStandard deviation Added by jinfahua
1.3.1 - Feb Added by jinfahua	More SQL elements support, such as IN / ... CASE WHEN ELSE statement. Added by jinfahua	1.5.2 Sep Added by jinfahua	1.6.2 Dec Added by jinfahua
The 3rd party functions invocation support with gRPC approach. Added by jinfahua	Improve the Kuiper manager UI. <ul style="list-style-type: none">More friendly rule editor, refer to thisAn online rule debug tool<ul style="list-style-type: none">User can input data, rule and debug the outputKey&value inspect for store Added by jinfahua		
The 3rd party functions invocation support with different languages (such as Python) Added by jinfahua	Persistence support with the 3rd party frameworks, such as, <ul style="list-style-type: none">Redis Added by jinfahua		
1.3.2 - Mar Added by jinfahua	1.4.2 - Jun Added by jinfahua		

Contributor Update – UI & K8S (VMware)

- UI prototype for roadmap ahead
 - Device creation wizard
 - Data visualization
 - Adapt to v2 API
 - Upgrade to Angular 2 & Go backend
- K8S
 - Crawl phase: provide a YAML file with all micro services included in multiple pods

Contributor Update – Robot prototype using EdgeX (Thundersoft)

- Robot prototype for Beijing Benz Automotive Co.
 - Using private 5G connection (CMCC, Huawei, Hongdian)
 - Using EdgeX ROS plugin to import ROS message into EdgeX
 - Using EdgeX mqtt device service to communicate with Automatic door

Contributor Update – Device Drivers (Jiangxing)

- GPIO, UART device need further code review

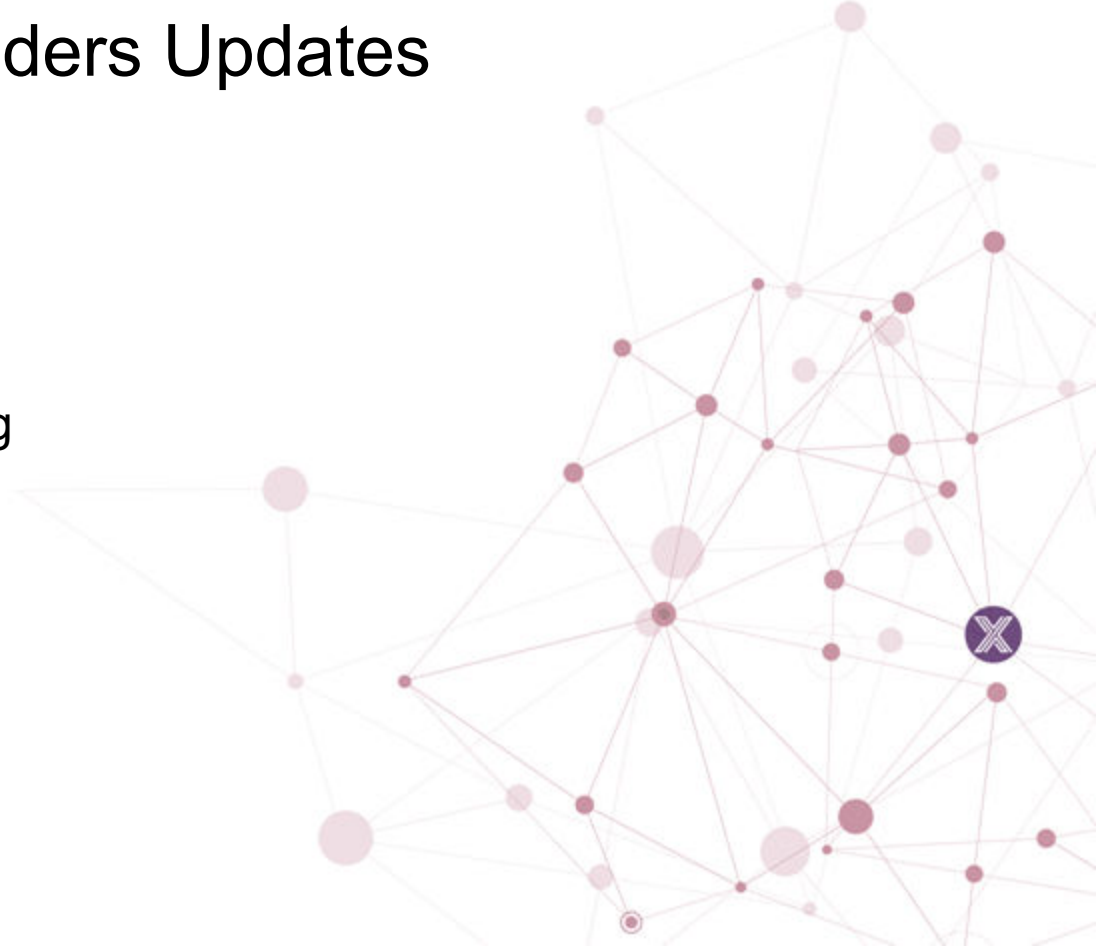


Industry Sub-team Updates

Team Leaders

Industry Sub-team Leaders Updates

- Retails
 - Intel: Melvin Sun
- Manufacturing
 - Thundersoft: Shuo Zhang
- Energy
 - WayClouds: Qiang Fu
- Cities/Campus
 - Intel: Melvin Sun
- Transportation





EDGE X FOUNDRY™

Upcoming Events

Upcoming Events

- EdgeX China Day 2020
 - Dec 22/23, 2020





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Thank You!