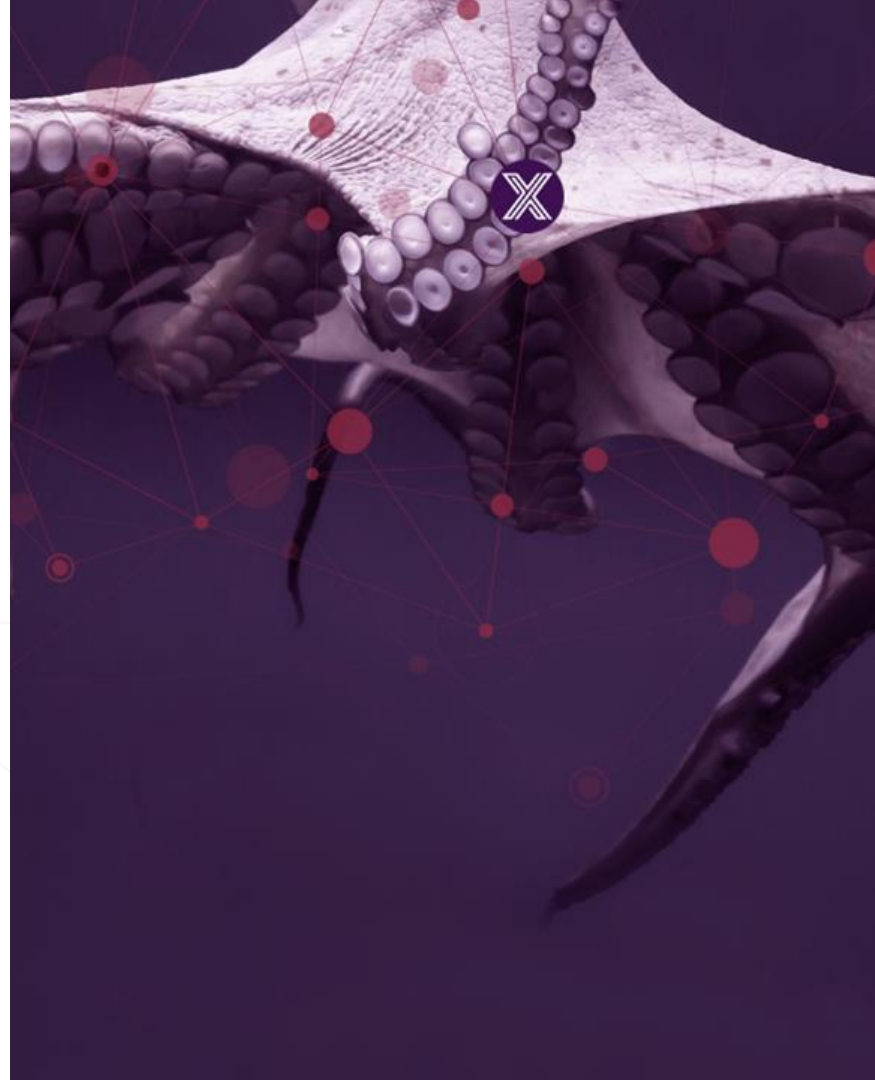




China Project Meeting

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

Jul 10, 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	Shuo Zhang	gavin.zhang@thundersoft.com
WayClouds	Qiang Fu	fuqiang@wayclouds.com
EMQ	Rocky Jin	rocky@emqx.io
IoTech	Hans Chen	hans@iotechsys.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
- Industry sub-teams updates
- Upcoming Events





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Core team update

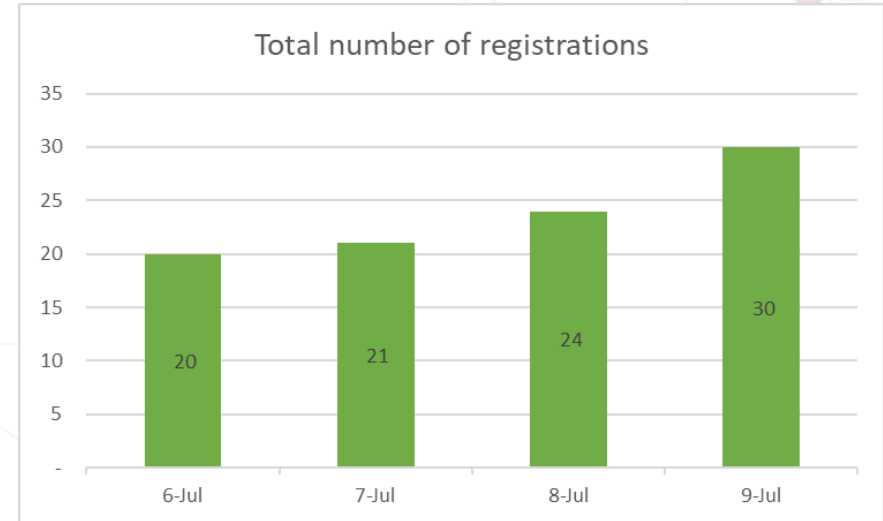
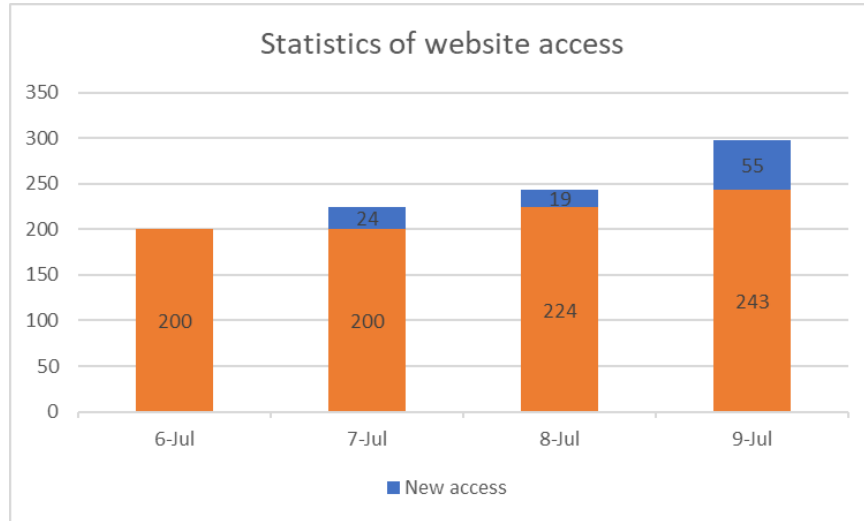
Maintainers

Maintainer Update (Gavin)

- China Project wiki
 - <https://wiki.edgexfoundry.org/display/FA/China+Project>
- Official Wechat
 - ID: EdgeXFoundryCN, Chinese: “EdgeXFoundry社区”
- Hanoi release
 - Target in Oct
- Q2 online meetup
 - between 2-5 PM, on Jul 3



Maintainer Update (Melvin)-Statistics of EdgeX Challenge



EdgeX Challenge Shanghai successfully kicked-off on Jul 3rd.
Total # of lived view and playback of opening ceremony: 16K.
Total # webpage access has exceeded 300.

Total # of registrations climbing very fast.
Plenty of teams even have submitted their proposals.

Contributor Update – Rules Engine (EMQ)

- Kuiper 0.4.2 was included in latest EdgeX release
- 0.5.0 & 0.5.1 released
 - Enhancements: support count window, more JSON functions etc
 - Fixed 10+ issues
- Aug:1.0.0 release (To be included in Hanoi release)

Contributor Update – UI & K8S (VMware)

- UI
 - 1.2.1 patch release done
 - Hanoi release
 - Remove login page (done)
 - App service improvement (done)
 - Kuiper integration (ongoing)
- K8S
 - support Helm Chart for Geneva
 - OSS at <https://github.com/DaveZLB/edgex-helm>
 - Working on Operators
 - Target to contribute upstream



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



Industry Sub-team Leaders Updates-Commerce

Some of the “retail” market requirements related to commerce track of EdgeX Challenge Shanghai

大类	细分类别	描述
数字化与智能化	数据	数据共享，数据挖掘，数据驱动
	智能化	仓储、制造、零售智能化，减少人工
全渠道和到家业务	到家业务系统	优化到家渠道，线上线下前端应用一体化，实现订单、会员、营销、商品可追溯顺畅链接，完善到家业务系统建设
	前置仓	店仓结合拣配系统，提高店仓库存精准化，实现实时库存、冷链配送，提高拣货效率、到家服务效率
供应链	数据共享	供应链各环节数据共享，流程数字化、可视化，优化数据交互。与供应商实现网络化订单和云服务。仓储、订单协同，提高实时整体响应能力和应急能力
	结算	财务结算共享协同，提高采购效率、资金流转和库存周转
	生鲜供应链	生鲜标品化售卖及配套设备、系统
门店和员工的数字化	无人化	完善无人零售平台、门店“无接触”服务，提高人力效率
	员工在线	在线培训、在线办公。提高门店员工的链接力和销售力

Manufacturing sub-team: ThunderSoft – Shuo Zhang

- EdgeX与ROS的互操作。8月份可在Turtlebot上测试。
- Onvif的 Device Services测试与开发计划。

Name	Method	ReadValue	Parameter	Operation
OnvifStreamUrl	* get	[ring]; "EncodedEvent" null]		send
OnvifReboot	* get @ set	false	OnvifReboot	send
OnvifDNS	* get	["device":"Camera100","orig		send
OnvifDateTime	* get @ set	["device":"Camera100","orig	OnvifDateTime	send
OnvifNetworkInterfaces	* get	["device":"Camera100","orig		send
OnvifSnapshot	* get	4000000070f6f000000000		send
OnvifProfileInformation	* get	argVer10[schema"]_T.local		send
OnvifHostname	* get @ set	["device":"Camera100","orig	OnvifHostname	send
OnvifUsers	* get @ set	[ring]; "EncodedEvent" null]	OnvifUser	send
OnvifDeviceInformation	* get	000200511CC0E4052284		send
OnvifNetworkProtocols	* get	[ring]; "EncodedEvent" null]		send
OnvifHostnameFromDHCP	* get @ set	"004 page not found"	OnvifHostnameFromDHCP	send
OnvifNetworkDefaultGateway	* get	[ring]; "EncodedEvent" null]		send
OnvifNTP	* get	["device":"Camera100","orig		send

计划实现的支持:

- 云台控制(PTZ):
 - 控制云台转动
 - 调焦
- 设备发现(RemoteDiscovery):
 - 设备自发现



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Upcoming Events



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Thank You!