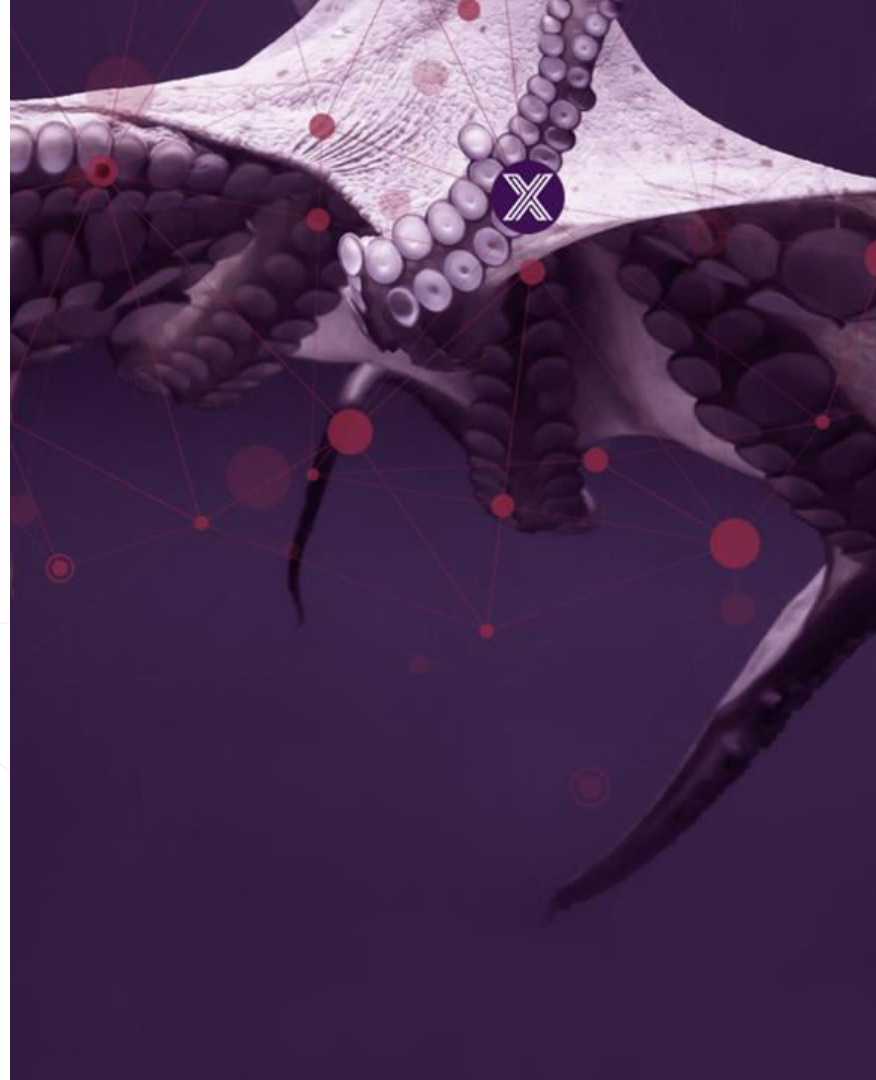




# China Project Meeting

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

Mar 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 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	<a href="mailto:gguanglu@vmware.com">gguanglu@vmware.com</a>
Intel	Melvin Sun	<a href="mailto:melvin.sun@intel.com">melvin.sun@intel.com</a>
Thundersoft	Xiaojing Xu	
WayClouds		
EMQ	Rocky Jin	<a href="mailto:rocky@emqx.io">rocky@emqx.io</a>
IoTech	Joey Fan	<a href="mailto:hans@iotechsyst.com">hans@iotechsyst.com</a>
Jiangxing AI	Danyang Song	<a href="mailto:songdanyang@jiangxing.ai">songdanyang@jiangxing.ai</a>

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





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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”
- Release Ireland
  - Defer to release: Jun 30, freeze date: Jun 21.
- TSC Monthly Meeting for China
  - Between 9-10 AM on Feb 26, Jim, Henry & Lenny joined.
  - Feedback?
- Call For Proposal for EdgeX Experience Sharing
  - By Mar 31
- Digital Twin Consortium liaison
  - memo of agreement
- Offline Q1 meetup in plan with Melvin
  - At Shanghai in Mar/Apr (Call for participation and sponsorship)



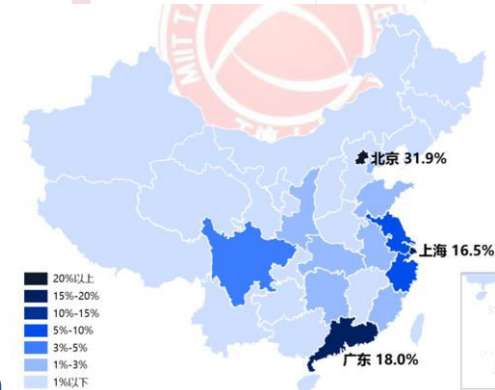
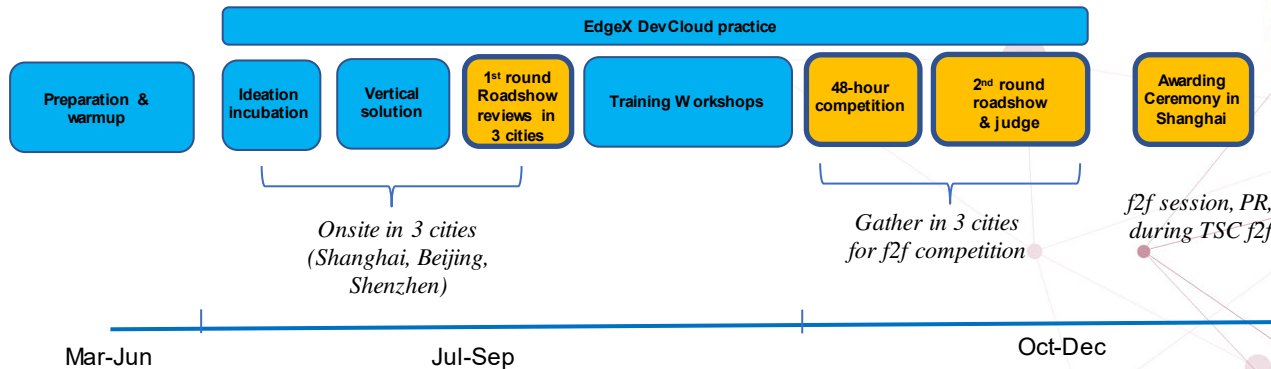
# Maintainer Update (Melvin)-EdgeX Hackathon Y21

## Call for sponsorship

(Diamond/10K\$, Gold/5K\$, Silver/2K\$)

## Call for participation

- Expanded to 3 cities (Beijing, Shanghai, Shenzhen)
- Main sessions organized onsite
- Award ceremony with EdgeX TSC f2f







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Core team update

Contributors

# Contributor Update – Rules Engine (EMQ)

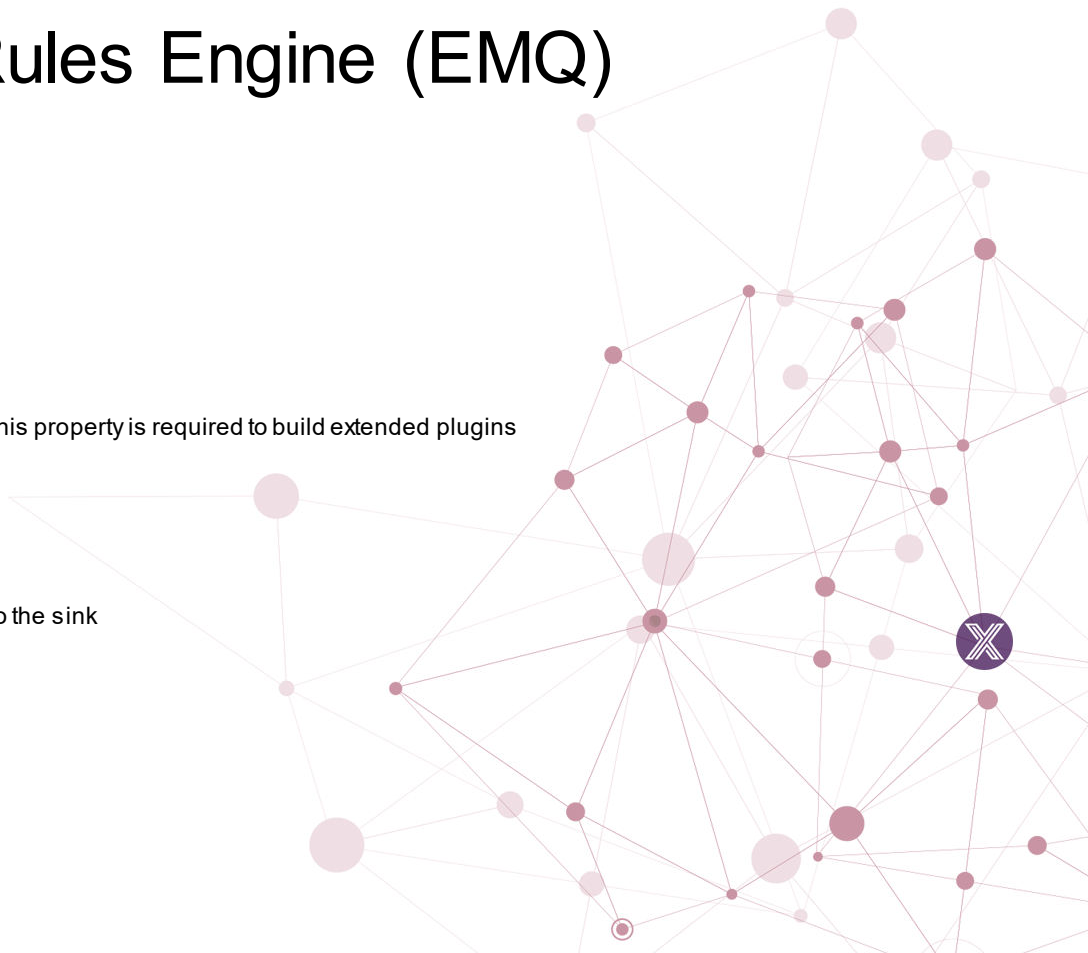
## Version 1.1.2 was released at 3rd, Mar

- Integration with TensorFlowLite
- Plugin enhancements
  - Support multiple functions in one function plugin
  - Add GeoHash plugin to support several geo hash functions
- Build
  - Add --trimpath build option for kuiperd build. Since this release, this property is required to build extended plugins
  - Run process/container as kuiper user to avoid security risk
- Support negative array index such as array[:-1]
- Add builtin function cardinality(array) to get the length of array
- Add rule property sendError to specify if runtime errors will send to the sink
- Fixes & doc improvements

**New minor release 1.2.0, to be released at Apr or May**

**New maintenance release 1.1.3, to be released at Mar**

**To contribute Kuiper project to LF Edge**



# Contributor Update – UI & K8S (VMware)

- UI
  - Current framework: data visualization & device creation wizard both done, working on bug fixing
  - New framework: met with some issues on API v2, fixing; may add creation wizard too considering more time before Jun 21.
- 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](https://v.youku.com/v_show/id_XNTA5NTc5NjE0MA==.html)

# Contributor Update – Document Update (Thundersoft)

- Update documents including using EdgeX, connecting default devices, distributed deploying device service, etc.
  - Has been updated on [CSDN](#) and [OSChina](#).
  - Will be updated on [github](#) recently.
- Looking for valuable middleware in the landing projects using edgex.
- Optimize the code we have and open source them.

# Contributor Update – Device Drivers (Jiangxing)

- GPIO device review & update
  - change dynamic API to a static version
    - reduce export()/unexport(), direction() APIs
    - keeps a simple value() API
  - discussed on multiple pins
  - discussed on multiple devices bootstrap approaches
  - character device ABI changed after kernel 4.8, may contain a new update

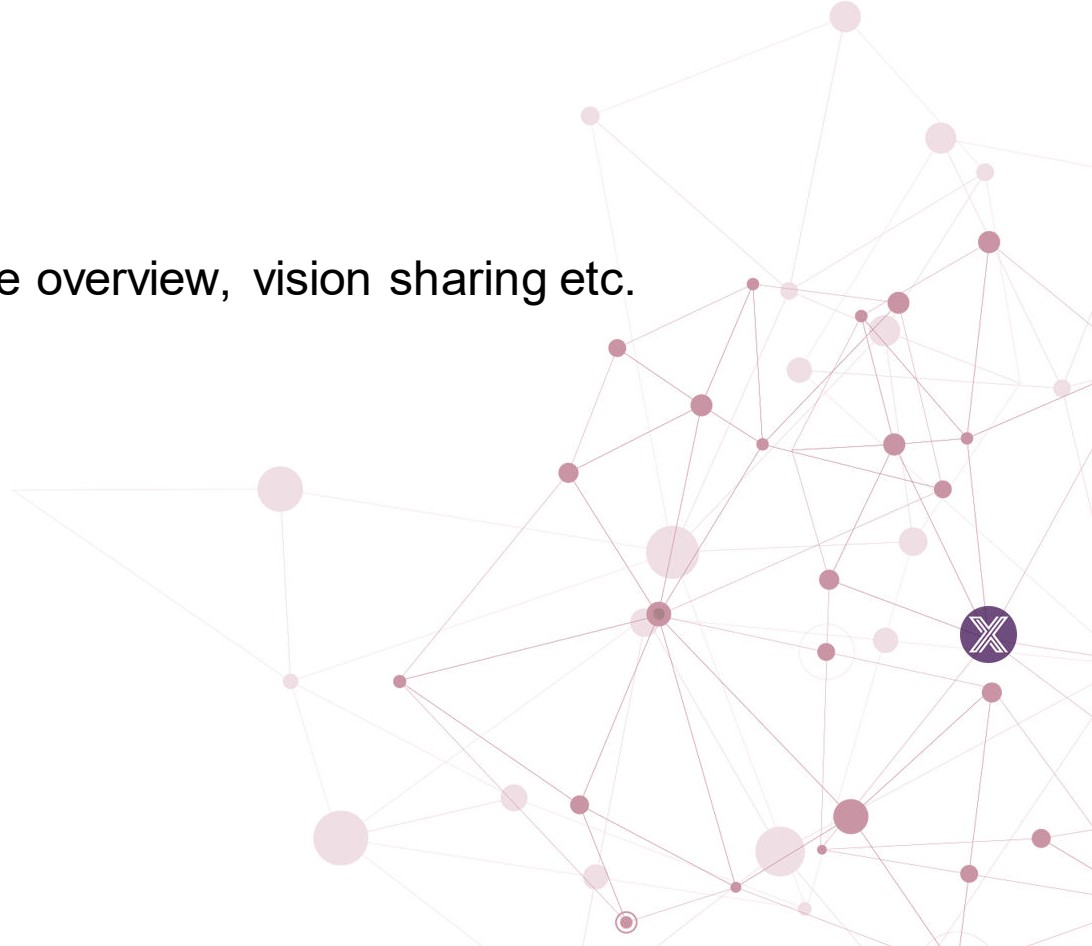


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## Upcoming Events

# Upcoming Events

- Call For Proposal
  - user experience, use case overview, vision sharing etc.
  - due by Mar 31
- Offline Q1 meetup in plan
  - At Shanghai in Mar/Apr





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Thank You!