

API Subcommittee Meeting Notes, 8May20

8 May 2020 / 9:00 AM PDT / Zoom meeting

Attendees

Jane Shen, Jiafeng Zhu, Tim Epkes, Su Gu, Tina Tsou, Neal Oliver, Jeff Brower, Colin Hutchinson

Meeting Notes -- Zhu, Brower

Agenda

- Infrastructure API portal discussion, continued - Jane
- Ideas for API subcommittee coverage in next Tues Akraino TSC meeting

Meeting Notes

1. Upcoming TSC meeting, Jane asked for ideas on what to include in our update / presentation
2. API portal discussion, cont.

Jane - we need to demonstrate the value the API portal

Tim - well designed APIs can enable blueprints to talk to each other. As a comparison is ETSI MEC is succeeding in API adoption

Jane - presented Edge Application Enabler API Map slide

- group APIs by roles/categories
- app developers
- infrastructure developers
- edge platform/service providers
- we can push this as a map to pilot project PTLs, ask them to contribute to API portal effort

Neal - Jane's map is showing up in LF Edge continuum slides

Tim - divide Orchestration/Operations part of map into internal and external facing APIs

Jeff - box for platform-to-platform APIs needs to be added

Tim - for platform-to-platform APIs we should pay attention to scaling up/down: multiple platforms, multiple nodes

Jane / Neal, discussion about pilot projects and how the API portal helps them

- they don't need the portal to demonstrate their blueprint works
- but the portal can help market their solution
- possibly divide the portal into 3 sections: APIs, examples/tutorials, working demos

Jane / Tim, discussion about REST APIs vs other formats

- REST more widely accepted by web developers, but not so much infrastructure developers
- most Akraino projects currently not using REST, blueprints can't talk to each other
- gRPC scales better, can cover an SDK if needed
- extra effort to support both, should we ?
- for platform-to-platform APIs we can publish suggested data structures for gRTC use

Action Items

1. Continue to document Edge API overall map
2. Tina sent a link for Micro-MEC team, Jane will contact to discuss their API compatibility with the portal

Links and Reminders

Meeting Notes link: <https://wiki.akraino.org/display/AK/API+Sub-committee>

Google Doc link:

https://docs.google.com/document/d/1idWiVe4U_jzpfDA99ZgMf-ghVllRO7FN/edit#heading=h.gjdgxs

Members are welcome to add discussion topics to the meeting Agenda at any time prior to each meeting

If we miss your name, please add to Attendees section