

API Subcommittee Meeting Notes, 22May20

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

Attendees

Jane Shen, Neal Oliver, Tim Epkes, Dan Druta, Jiafeng Zhu, Tina Tsou, Jeff Brower

Meeting Notes - Zhu, Brower

Agenda

- OpenNESS API introduction - Neal
- Infrastructure API portal discussion, continued

Meeting Notes

1. Whitepaper co-authors' draft ready
 2. OpenNESS API introduction (Neal): PDF will be uploaded to file archive
 - includes microservices, SDKs, reference hardware specs
 - SDKs include OpenVINO, DPDK, IPP, MKL
1. Present the map and categories of API portal (Jane)
 - Do we consider domain specific (AR/VR) frameworks or applications? How to categorize them?
 - <https://www.khronos.org/openxr/>
 - Business aspects makes them unique
 - Android native platform running on Edge is different from application enablers

OpenNESS overview and Q&A

Group - AF and NEF API discussion

Tim - nature of closed source behind AF and NEF APIs, is it for platform-to-platform communication ?

Tina - what versioning is used ? Neal - none yet

Tim - host routing and URI content are options

Group - discussion about authentication, Neal - APIs must authenticate, Jiafeng - is Intel is using OAuth protocol, Neal - no

Jane - how can we avoid incompatibility between application API data models, for example OpenNESS compared to MobileEdgeX

API portal discussion notes

Jane - shared MindMap generated HTML that she may use for the portal

Dan - some apps need infrastructure info from APIs, an example is an AR/VR "app manager" or framework. They are still an app but they manage other apps. Should the app enabler in the white paper diagrams reflect this ?

Dan - Chronos OpenXR is an example

Jeff - the current API portal content on api.akraino.org is hosted on MobileEdgeX servers. We will need Akraino web guys to add ToC links at top for 2 main categories: APIs for mobile app developers and infrastructure app developers

Tina - OpenGL ES2.0 and ES3.x APIs are needed by IEC blueprint

Action Items

Neal will post OpenNESS slide presentation on the API subcommittee file archive