API Subcommittee Update

Infrastructure + Platform Work Group
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Contents

Updated API Map
  Version 2 Published
  Next Steps

API Info Analysis
  Trends shown by the data

API Portal Status
• **Viewable now**
  – apiportal.akraino.org
  – Click “API Map”

• **Includes R4 info**
  – more upstream projects
  – more specs

• **IoT top level branch**
  – in addition to Telco Edge
**API Map Next Steps**

- **Short term items**
  - Update BP links
  - Add navigation command buttons
  - Add search filter

- **Long term**
  - Develop customer-facing search
  - more specs
• **API Gathered Data**
  - R4 is first time for gathering API data from all BPs
  - Some interesting trends revealed

• **Actionable Intelligence**
  - We can now consider commonalities
  - Are there possible common APIs between BPs? With external organizations?

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3 Release 4 is the first time API subcommittee makes it a mandatory requirement for each project to report APIs exposed and consumed as part of the project release review. This is a reflection of the trend in adoption of IT technologies in edge domain. APIs are increasingly used by edge stacks either to expose their capabilities or to interact with components of various implementations.

4 [https://apiportal.akraino.org/apimap.html](https://apiportal.akraino.org/apimap.html)
Thanks!

- Q & A
API Portal

- Information about Akraino community edge computing APIs
- Alpha preliminary at this point – work in progress

apiportal.akraino.org
API Portal, cont.

- “API map”
  - example at right
- Technical docs
- Sandbox
- Search by
  - API functional category
  - BP project
  - SDO
  - more