

Akraino API Landing Page

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API Subcommittee Platform + Infrastructure Work Stream

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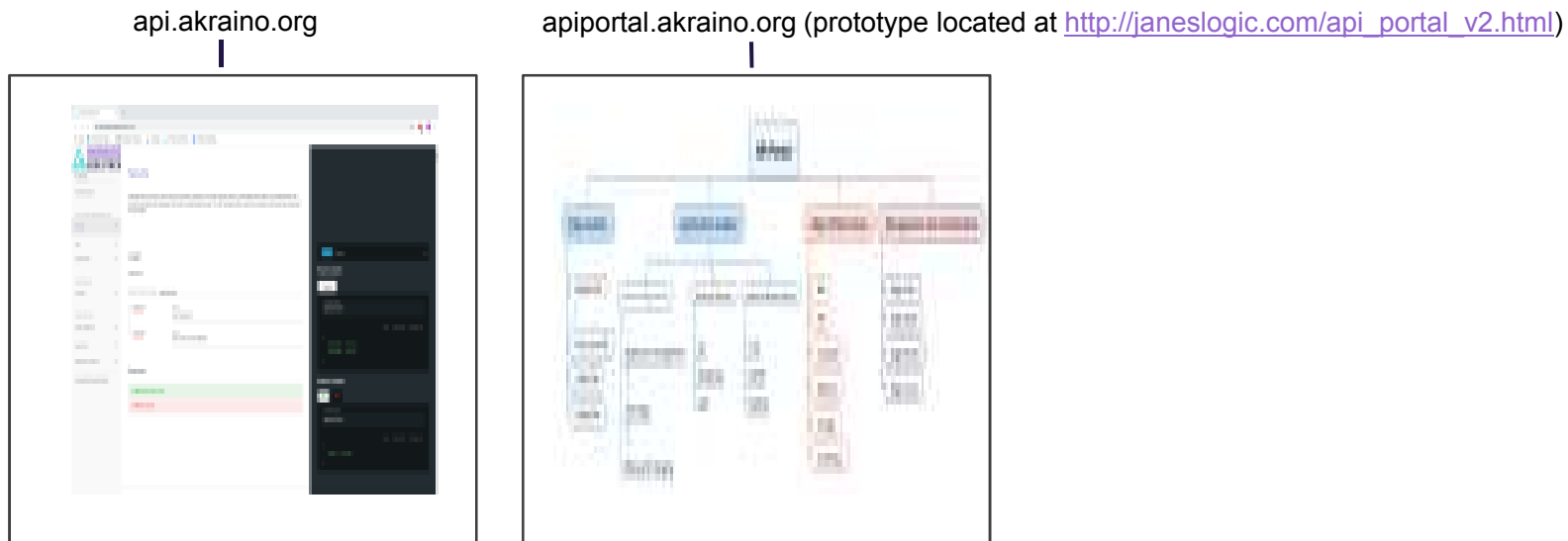
Motivation / Rationale



- akraino.org would benefit from an easy-to-use, unified landing page for API information
- Easy to market and explain to developers
- Problems with current situation
 - Wiki pages do not (easily) support web pages with html, css, and javascript
 - Currently we need to promote and document 2 developer categories:
 - End-user applications
 - Platform and infrastructure applications
- We may need to add more API related topics in the future

Mechanism - Dual URL Option

- 1) Maintain existing api.akraino.org entry for end-user application developers
- 2) Add apiportal.akraino.org entry for platform and infrastructure developers



Mechanism - Single URL Option



A single landing page URL would allow future expansion, and be easier to market to developers

1) Assign one subdomain name (api, apiportal, or other as decided) as API landing page

2) Show high level API topics:

- End-user application developers

- Platform and infrastructure developers

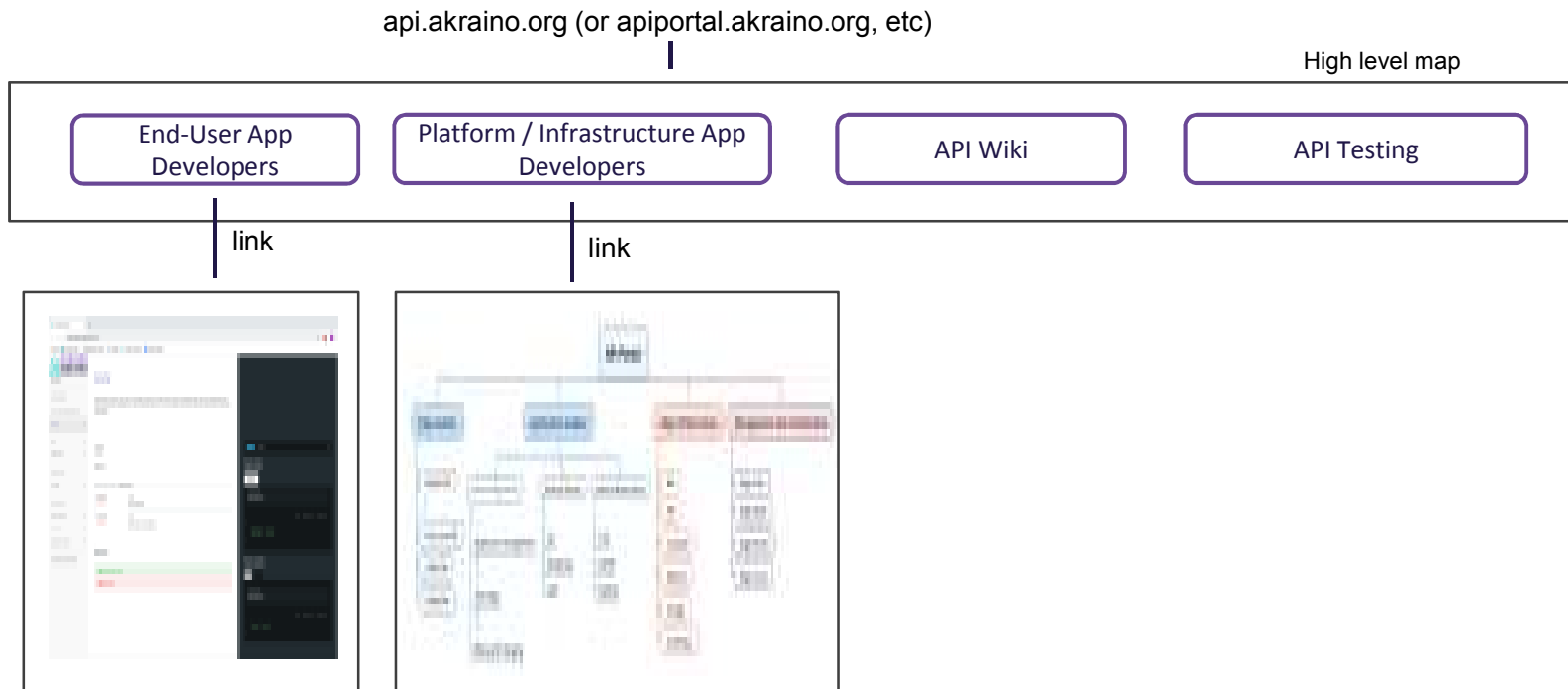
- API Wiki

- API Testing

3) Include high level map (next slide)

Single URL Option, cont.

Single URL landing page concept



Resources Needed



- Servers
 - We recommend an LF Edge or Akraino owned or operated server to host the unified landing page URL and/or platform & infrastructure API landing page URL
 - LF Edge IT support recommends an AWS s3 bucket to host a static website (html, css, javascript). They estimate cost from \$5 to \$50 per month
 - Note -- currently a MobileEdgeX server hosts api.akraino.org. For the dual landing page option, this server can continue to host end-user app developer API info
- Engineering Support, Developer Support
 - None needed. API subcommittee generates content for the site
- IT Admin Support
 - DNS subdomain A-record change, allocate s3 bucket

Action Items



- Decide on single vs. dual landing page
- Approve AWS s3 bucket website request

Supplemental Information



[Slides from Jane Shen's "Akraio API Portal" TSC presentation](#) (12May20)

Thank You!