2023-12-12 Technical WG Agenda and Notes

Date
12 Dec 2023

Attendees
- Curtis Mirci, Roxana Maurer, Tom Creighton, Karen Hanson, Donny Winston, John Kunze

Goals
ARK Alliance Infrastructure topics

Discussion items

<table>
<thead>
<tr>
<th>Item</th>
<th>Who</th>
<th>Notes</th>
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<tr>
<td>Announcements</td>
<td>Nov 9 CDL told us that arks.org was converted from Wordpress to github pages on Nov 8, and that the n2t.net resolver would be converted Nov 27; we don't know if that's happened</td>
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<td>Any news items we should blog about? Any calls for papers, submission deadlines, upcoming meetings we should note? Please add to Calendar of events.</td>
<td>summary of events since last time; renewed call to add events</td>
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<td>ARK spec transition update</td>
<td>tc: who at smithsonian? jk: ricc ferrante tc: we could approach HathiTrust and DPC as stakeholders in their role as service providers rm: as a board member, I can say that DPC doesn't endorse any software, but it may be useful that they do things like TechWatch reports rm: maybe approach ARKetype as a stakeholder? jk: maybe an inducement to stakeholders to be able to influence transition timing</td>
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<td>Proposed stakeholders to approach</td>
<td>• FamilySearch, Portico, BnF, Smithsonian, CDL/EZID, IA, Frick • Code bases: OJS plugin, arktel, arknoid, EZID</td>
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<td>Approach with questionnaire?</td>
<td>• Do you currently support resolution of both ark: and ark:/? • Would you be willing to go through this spec transition together with the ARKA Tech WG?</td>
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<td>Understanding and monitoring ARK Alliance (ARKA) infrastructure.</td>
<td>dw: yes we need better communication about N2T tc: what about opening all the source? dw: open governance isn't the same as open source dw: here's a note from the creator of the open-source Clojure programming language on this issue: <a href="https://gist.github.com/richhickey/1563c8daee7f967ed919972d9">https://gist.github.com/richhickey/1563c8daee7f967ed919972d9</a> tc: need more visibility into what's going on with the infrastructure dw: ok to have a standing agenda item about infrastructure status with liaison that has read access to the ARKA issues list jk: maybe emailed monthly report? kh: I'm able to help with text conversion of lyrasis wiki</td>
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<td>The n2t.net resolver either already has or will soon transition to a new resolution regime</td>
<td>dw: web frameworks such as React are open-source, but it's generally understood that they're not community-governed, i.e. Facebook/Meta is the arbiter of changes. So CDL could still be such an arbiter for an open-source (transparently inspectable) codebase. A note from the creator of the open-source Clojure programming language on this issue: <a href="https://gist.github.com/richhickey/1563c8daee7f967ed919972d9">https://gist.github.com/richhickey/1563c8daee7f967ed919972d9</a></td>
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Understanding the new github-based arks.org

(from Dave Vieglais)

The content on arks.org comes from the https://github.com/arks-org/arks.github.io repository.

Deployment of changes to arks.org is not automatic, but the manual process is straightforward with a git pull from the main branch of the arks.github.io repository, followed by a build on the arks.org server.

As far as managing what goes into the main branch, general best practices for git management should be followed. So develop on a separate branch (within the repo or fork a copy) and make a PR for merging into the main branch. Keep in mind that the main branch should always be representing what is to be shown on arks.org.

Rendering of drafts is best done locally by the editor. Currently the main branch is rendered to https://arks-org.github.io/arks.github.io/ with a GitHub action, so that can be used as kind of a release preview before being pulled to arks.org.

This entire process will likely be modified to deploy automatically to arks.org when changes are made on the main branch or perhaps when a tag is made.

With respect to the Lyrasis Confluence wiki, there are tools that enable conversion from there to Markdown (e.g. https://github.com/sjones4/confluence-to-github), and certainly at a minimum a confluence export should be done to ensure content is preserved.

I would suggest keeping the FAQ and other content from Lyrasis in a GitHub wiki, perhaps in the arks-org/arks.github.io repository at https://github.com/arks-org/arks.github.io/wiki (GH wiki content lives separately from the main repository, though can be managed just like a Git repo).

dw: so (1) suggest change, (2) merge to main branch (needs write access), (3) rebuild https://arks-org.github.io/arks.github.io/ preview (happens automatically via GitHub Action), (4) pull latest of main branch to remote server that hosts arks.org (needs login/write access to server).

dw: issue: there is no publicly visible GH wiki at https://github.com/arks-org/arks.github.io (i.e. https://github.com/arks-org/arks.github.io/wiki). Is there one visible to repository collaborators?

jk: none visible yet but I think we just have to create it

Action items

• next time, follow up on wikidata topics (Bertrand)
• stakeholder list start: ask HT and ARKetype