

Technical Working Group

Purpose

The Technical Working Group (WG) oversees development and maintenance of specifications, software, and servers that support infrastructure for the ARK Alliance (ARKA) community. Examples include ARK standardization, code for counting ARKs, and global resolver replication.

Objectives

1. Standardization. Work with standards bodies (IETF, NISO, W3C, etc) to adopt the ARK spec.
2. Design and review 'info' inflection for returning human- and machine-readable metadata.
3. Global ARK resolver. Guide the development and hosting of the [N2T.net](https://n2t.net) resolver.
4. Counting ARKs. Work with the [Outreach Working Group](#) to implement mechanisms (eg, surveys, APIs) to measure ARK usage world-wide.
5. Support the Outreach WG in a liaison with the IIF community.
6. Work with standards bodies (IETF, NISO, W3C, etc) to adopt the ARK spec.

Deliverables

- A declarative schema (e.g. JSON Schema) for NAAN entry record, for validation.
 - schema definition
 - adjusted tooling to work with schema
 - tool to generate the ANVL format from json for 3rd party consumers
- Transition to new ARK spec.
- Spin off a Persistence Statements group (charter, timeline)
- Investigate moving arks.org from a Wordpress site to a github pages site
- Move Iyris confluence wiki content to github.

Resources

- 2008 ARK spec: <http://n2t.net/e/arkspec.txt>
- 2022 ARK spec: <https://datatracker.ietf.org/doc/html/draft-kunze-ark-34>
- Current NAAN registry: https://n2t.net/e/pub/naan_registry.txt
- Global ARK (and other identifiers) resolver, N2T (Name-to-Thing): <https://n2t.net>
- [Notes from ARK "Experts" meetings in 2018](#), with discussions of surveys, ARK spec changes, counting ARKs, sustainability, etc
- [Outreach WG and Sustainability WG](#)
- [General WG features](#) common across ARKA working groups
- Persistence Statements: Describing Digital Stickiness: <https://doi.org/10.5334/dsj-2017-039>

Working Group Members

- [Emmanuelle Bermes](#) École des Chartes
- [Bertrand Caron](#) BnF
- [Tom Creighton](#) Family Search
- [Karen Hanson](#) Portico
- [Greg Janée](#) UC Santa Barbara
- [John Kunze](#) chair, Ronin Institute
- [Lautaro Matas](#) LA Referencia
- [Roxana Maurer](#) National Library of Luxembourg
- [Curtis Mirci](#) University of Utah
- [Mark Phillips](#) University of North Texas
- [Amir Alwash](#) HES-SO University of Applied Sciences and Arts of Western Switzerland
- [Dave Vieglais](#) vice-chair, Natural History Museum and Biodiversity Research Center, University of Kansas
- [Donny Winston](#) Polyneme LLC

Meeting Times

Teleconferences are generally held once a month, **08:00-09:00 San Francisco time, on the second Tuesday**. Connection details included in calendar invitations.

Communication Channels

arka-technical-wg@googlegroups.com, archived at <https://groups.google.com/forum/#!forum/arka-technical-wg>

IETF discussion list: <https://www.ietf.org/mailman/listinfo/ark>

Agendas and Notes

** add standing agenda item: "ARK spec transition report" **

[Generate new Agenda/Notes link](#)

- [Inflection change proposal](#)
- [2024-05-14 Technical WG Agenda and Notes](#)
- [2024-04-09 Technical WG Agenda and Notes](#)
- [2024-03-12 Technical WG Agenda and Notes](#)
- [2024-02-13 Technical WG Agenda and Notes](#)
- [2023-12-12 Technical WG Agenda and Notes](#)
- [2023-10-10 Technical WG Agenda and Notes](#)
- [2023-08-08 Technical WG Agenda and Notes](#)
- [2023-07-11 Technical WG Agenda and Notes](#)
- [2023-06-13 Technical WG Agenda and Notes](#)
- [2023-05-09 Technical WG Agenda and Notes](#)
- [2023-04-11 Technical WG Agenda and Notes](#)
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- [2023-01-10 Technical WG Agenda and Notes](#)
- [2022-12-13 Technical WG Agenda and Notes](#)
- [2022-11-08 Technical WG Agenda and Notes](#)
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- [2022-07-12 Technical WG Agenda and Notes](#)
- [2022-06-14 Technical WG Agenda and Notes](#)
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- [2022-03-08 Technical WG Agenda and Notes](#)
- [2022-02-08 Technical WG Agenda and Notes](#)
- [2022-01-11 Technical WG Agenda and Notes](#)
- [2019-2021 Technical Meetings](#)