

ARISTOTLE

metadata registry

ARISTOTLE CLOUD 2018
ROADMAP

Executive Summary

The roadmap within this document is the living 2018 roadmap for the Aristotle Metadata Registry open-source library, and the Aristotle Cloud product. Timelines within this document should be indicative and may change as features are added or shifted.

Aristotle Cloud releases are coordinated to be feature-based, and provide a cohesive set of functionality around a particular topic. This approach keeps releases limited in scope, and reduces the breadth of change to end-users of the system.

This roadmap only includes major releases of new features. Ongoing minor improvements and bug fixes to the tool can be expected during the year.

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Quarter 1 – Aristotle Cloud 2.0

The current roadmap is focused on improvements to the underlying infrastructure of Aristotle. Example features include:

- Implementing current best practice for email-based and internationalised user accounts
- Upgrading server dependencies
- Improved deployment tooling to deploy new clients quicker, and reduce time to deploy upgrades

Quarter 2 – Registry-wide customisation

This release will introduce customisation options for an entire Aristotle Metadata Registry to allow a registry administration to have it meet their own branding requirements. Example features include:

- Administrator-driven site customisation, allowing end-users of a registry to alter logos, headers, footers.
- Pages management to allow non-metadata content to be added to a registry, including basic publishing workflow. Pages would allow for dynamic lists of metadata to be included to reduce the manual management of metadata and would be searchable and show up in search results.
- Home page improvements and customisation to improve how anonymous users interact with a metadata registry

Quarter 2 – User account customisation

- Profile enhancements, including profile pictures (possibly with sync via a remote staff directory)
- Notification controls to limit how and when notifications are sent within the system, including muting notifications from workgroups, discussions or single items.
- Centralisation of account management options to a single page
- Planned user experience redesign of the Dashboard based on usability sessions with existing stakeholders. This will bring the right features to users in a central location, and act as a home page replacement for authenticated users.

Quarter 3 – Editing and cloning

- Improvements to metadata cloning to allow users to select the depth of a clone, so that all appropriate associated metadata can be upgraded within a single step.
- Enhanced options for metadata at a draft stage to allow a user to start, pause and return to a creation wizard. Draft items will also be able to be discarded to reduce clutter.
- Additional wizards to allow metadata to be created from associated items. For example, creating Data Elements from existing Data Element Concepts or Value Domains from existing Conceptual Domains.

Quarter 3 – Workflow management

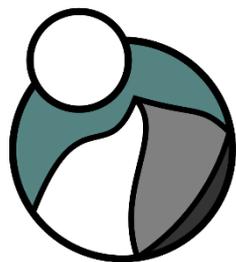
- Configurable email-driven workgroup invitation system, based on the current registry invitations. When enabled, this will allow workgroup managers to quickly add new members, and create new accounts.
- Optional self-service workgroup creation. This will allow any user to create a new workgroup for metadata management.
- Improved Github-like review system to allow for a back-and-forth discussion during metadata review and registration.

Quarter 4 – Federation, import and export

- Additional API support, including enhanced documentation, Swagger compatible API, more actions exposed through the API.
- Optional GraphQL endpoint to allow for more dynamic access to metadata for interface design and visualisation.
- Wider-support for API-based metadata federation to allow registries to connect registries in a networked hub-like fashion. This will allow registry administrators to describe eligible registries to copy metadata to or from, as well as specifying exactly which metadata types to allow.

Quarter 4 – Metadata reporting and visualisation

- Visualisation tools to show the lifecycle of versions of metadata
- Visualisation tools to show the linkages of metadata, including both standard 11179 linkages and custom relationships
- Permissions-based metadata reporting tools to produce tabular reports showing how metadata is viewed, linked or registered over time. This may potentially include graphing options to produce visual graphs alongside tabular reports.



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