EZID Roadmap 2014-15

Feature enhancements

Metadata editing in the UI
At the present time, if you create a DOI record using the Advanced Create screen in the user interface (UI), you cannot use the UI to edit that record. We plan to add this functionality. ***Delivered: Sept. 30, 2014***

Download of identifiers and metadata
We plan to make it possible for you to download all your identifiers and their metadata in a format you can maniputate outside of EZID. Our first pass at this will be available via the API, and we will introduce it to the UI at a later date. ***Delivered Dec. 15, 2014: OAI delivered. Delivered Feb. 17, 2015: Batch download delivered.***

Link Checking
We will implement a service to inform account owners of links that need repair. The service will run on a periodic basis and provide an important component of persistence assurance.

Usage statistics
We will expose EZID system usage statistics in the UI. Over time, this and other information will also become available at the group level for group administrators. ***Status, Dec. 2014: We expect to introduce this feature in the redesigned user interface.***

Identifier Search
EZID currently supports identifier lookup only. We will expand this to support broader search options by metadata fields, for example. ***Status, Dec. 2014: We expect to introduce this feature in the redesigned user interface.***

Performance and reliability enhancements

Speed
Various improvements are envisioned to improve the speed of processes and build the foundation for the Search functionality (above).

Redundancy
EZID relies on the N2T (Name-to-Thing) infrastructure, which provides services for ARKs (and other identifiers) similar to what the Handle system provides for DOIs (and Handles). In 2014-2015 we will simplify the replication strategy for N2T and double the replication network. ***Status, June 2015: EZID and N2T migrated to Amazon Web Services (AWS).***

Reliability
Various improvements will be introduced to increase EZID's reliability. ***Status, Dec. 2014: We made EZID more resilient against temporary network interruptions and system outages when communicating with external systems. Additionally, we created new automated tools for checking the integrity of EZID databases and for checking consistency between EZID databases and external databases.***

New directions to watch

CrossRef connection
EZID (and CDL) is in the process of becoming a Sponsoring Publisher Member of CrossRef. We are taking this step to benefit our non-profit open access (OA) publishing clients. Often, this means our clients that are library publishers. If you fit this profile, contact us to find out more about how this will benefit you. In an nutshell, you will be able to use EZID DOIs to get CrossRef services for your OA content. ***Status, April 2015: in production.* More information available here.**

User Interface (UI) redesign
Over the next 12 months, the EZID UI will be undergoing a redesign. Changes will be phased in, avoiding as much disruption as possible. We are aiming to make the user experience ever simpler and more friendly. ***Status, July 2015: Web production is on track for a 1st quarter 2016 delivery.***

Off into the Sunset
Forward progress sometimes means saying goodbye. If you are one of the clients who enjoyed working directly with the old noid.cdlib.org server, we invite you to begin the process of transitioning to EZID. The old server is being retired on *December 1, 2014*. Please contact us for more details and for help planning a strategy for the move.