Identifiers made easy with EZID

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What we identify

- Documents
- Spreadsheets
- Databases
- Terms
- People
- Collections
- Films
- Maps
- *anything*

Why identifiers?

- ✓ Names for precisely referencing … things and data you **use** and **create**, the people you **collaborate** with, and funders that **support** you
- ✓ Citation and sharing for **credit** to you and to others who deserve it
- ✓ Visibility (eg, Thomson Reuters Data Citation Index℠)
- ✓ Persistence and durability: long-term access made easy

EZID identifiers are

- Durable, high quality *names*,
- *actionable* in web browsers, that
- come with *metadata* (descriptions)
- and redirectable location URLs –
- *citation*- and *preservation*-ready.

Connecting to

- Data
- Metadata
- Publishers
- The EZID Community
- Partners (DataCite, CrossRef, BnF, NLM, Univ. of California)

Who we are

- EZID, pronounced “easy eye dee”
- A service to help you create and manage persistent, globally unique *identifiers* for your data and sources
- Visit us and create test ids right away

http://ezid.cdlib.org

Scaling to millions

- User interface for editing “by hand”
- API – application programming interface with open source software libraries available
- Automated opaque name generation (minting)
- Suffix passthrough resolution – one name stands in for thousands when any extension will be “passed through”

Supporting diverse...

- Languages (English, French)
- Identifier schemes: DOI, ARK, URN
- Metadata Profiles: DataCite, Dublin Core, Kernel, CrossRef
- Customers: libraries, archives, museums, higher education, private sector, government agencies
- Content maturity: embryonic, pre-published, post-published, dynamic

Examples

`http://doi.org/10.1234/987654`

DOIs – publication-ready Digital Object Identifiers requiring 5 metadata elements

`http://n2t.net/ark:/12345/987654`

ARKs – preservation-ready Archival Resource Keys requiring only 1 metadata element

EZID: Easy Identifier and Metadata Management

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More information

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EZID

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