ISSDA Mini Case Study
CDL EZID Service for ARKs and DOIs

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Initial Requirements & Desirable Options

Assignment of DataCite DOIs

- Intended use: research data, ISSDA datasets
- Need to differentiate namespaces: University College Dublin, ISSDA
- Need to integrate with existing batch-oriented workflows
- Robust management tools

Desirable options

- Crossref DOIs
- Robust reporting tools

Other Considerations

No Irish DataCite service provider

- British Library offers service to Irish clients
- California Digital Library provides services to an international clientele

Support and documentation, including guidance on use and applicability of identifiers

APIs

Costs

Evaluation: BL

British Library, DataCite service provider

- Requires individual account for each namespace
- APIs well documented and easily integrated into existing workflows; test environment for evaluation
- DataCite DOIs only; creating & minting supported
- Excellent support interactions and documentation
  - FAQ: http://www.bl.uk/aboutus/stratpolprog/digi/datasets/datacitefaq/faqhome.html#faq9
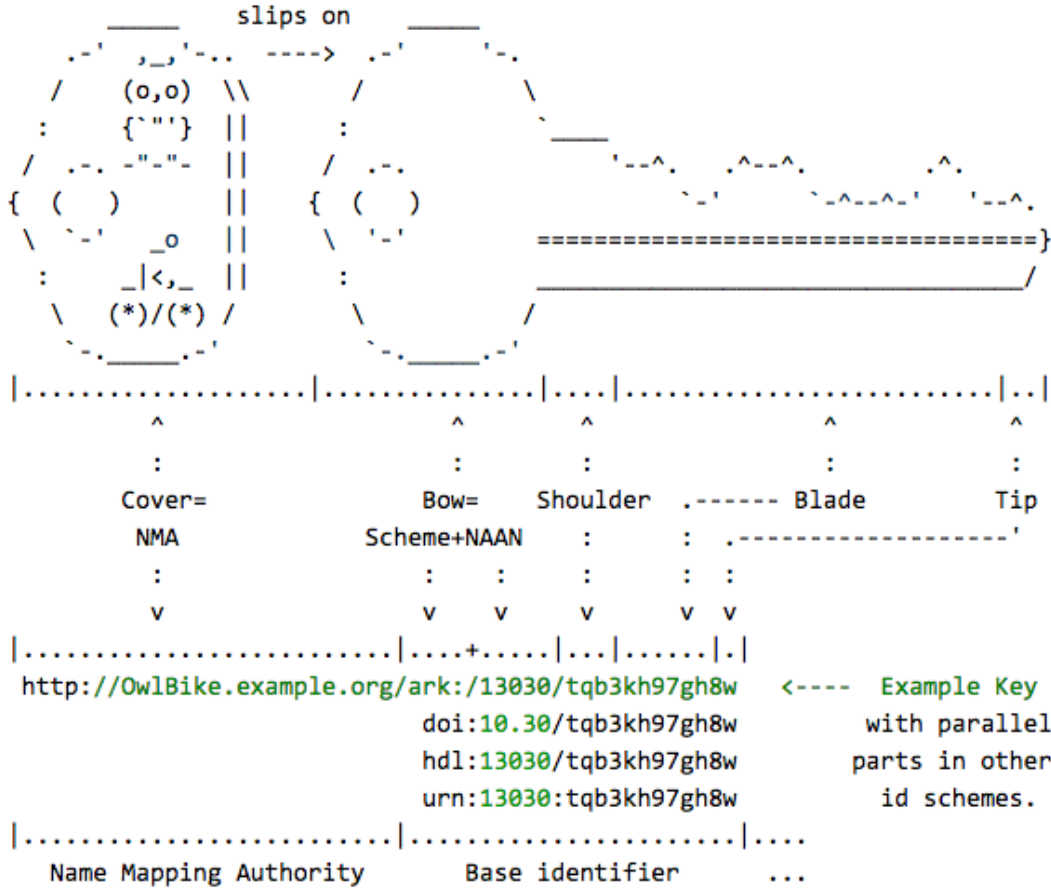 - DataCite Business Model Principles

Evaluation: CDL EZID

California Digital Library

- Support for multiple DOIs namespace
- Supports for DataCite and CrossRef DOIs; creating and minting supported
- Support for Archival Resource Keys (ARKs)
- APIs well documented and easily integrated into existing workflows; test environment for evaluation
- Excellent support interactions and documentation
  - Identifiers Made Easy with EZID: http://ezid.cdlib.org/home/outreach
  - Detailed documentation: http://ezid.cdlib.org/home/documentation
- Cost advantage

Other Observations

- Local use of ISSDA DOI namespace awaits potential CESSDA exploration of issues relating to semantics of unique identifiers
- Definitions of "data"
  - Apply in use cases for DataCite DOIs, ARKs
- Potential delegation of management rights and domain administration a part of EZID membership
- EZID semantics of naming: namespace and "shoulders" (an 'extension' of the namespace, constituting a 'sub-namespace' that helps ensure uniqueness)

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    http://OwlBike.example.org/ark:/13030/tqb3kh97gh8w    <---- Example Key
                         doi:10.30/tqb3kh97gh8w              with parallel
                         hdl:13030/tqb3kh97gh8w             parts in other
                         urn:13030:tqb3kh97gh8w               id schemes.
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       Name Mapping Authority      Base identifier        ...
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https://wiki.ucop.edu/display/Curation/Identifier+Conventions

EZID
Long-term identifiers made easy

Home   Manage IDs   Create IDs   Lookup ID   Demo

Why EZID? | Understanding Identifiers | Pricing | Documentation | Outreach | Who's using EZID?

EZID (easy-eye-dee) makes it easy to create & manage unique, long-term identifiers

- create identifiers for anything: texts, data, bones, terms, etc.
- store citation metadata for identifiers in a variety of formats
- update current URL locations so citation links are never broken
- use EZID's programming interface for automated operation at scale
- choose from a variety of persistent identifiers, including ARKs and DataCite DOIs
- try out EZID anytime and contact us for more information

Latest news from EZID   EZID Service Update: December 2015   RSS

EZID
Long-term identifiers made easy

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Simple | Advanced

Create Identifier

Step 1: Choose an identifier type

○ University College Dublin ARK (ark:/87925/)
○ University College Dublin DOI (doi:10.7925/)
○ University College Dublin Minter ARK (ark:/87925/h1)
○ University College Dublin Minter DOI (doi:10.7925/H0)

Step 2: Describe the identified object (?)

Location (URL): [   ]

Who: [   ]

What: [   ]

When: [   ]

[Create]

Clicking "Create" will create the identifier and make it public. To defer making it public, use the (?)
Advanced form.

Once created, an identifier cannot be renamed or deleted.

![EZID logo] ※EZID
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Step 2: Describe the identified object (?)

Location (URL):   [   ]

Creator: [   ]   (?)

Title: [   ]   (?)

Publisher: [   ]   (?)

Publication year: [   ]   (?)

Resource type: [[Not Set]   ▾]

                    [Create]

Clicking "Create" will create the identifier and make it public. To defer making it public, use the   (?)
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Identifiers (includes co-owned identifiers)   Customize view

< prev 1 2 3 ... 6989 **6990** 6991 ... 7006 7007 7008 next >

Identifier	Date Last Modified ▼	Object Title	Object Creator
doi:10.7925/DRS1.UCDCLM_13	2014-04-05 08:41:30 UTC	RRC 38/5 (2002)	University College, Dublin. Classical Museum
doi:10.7925/DRS1.UCDCLM_12	2014-04-05 08:41:15 UTC	HN Italy 15 (2001)	University College, Dublin. Classical Museum
doi:10.7925/DRS1.UCDCLM_11	2014-04-05 08:40:59 UTC	HN Italy 13 (2000)	University College, Dublin. Classical Museum
doi:10.7925/DRS1.UCDCLM_10	2014-04-05 08:40:47 UTC	UCD Classical Museum	University College, Dublin. Classical Museum
doi:10.7925/DRS1.UCDLIB_31061	2014-03-04 14:47:09 UTC	Dataset describing the condition of 449 buildings in Dublin, Ireland, compiled in 2013.	Laefer, Debra L.
doi:10.7925/DRS1.UCDLIB_30001	2013-11-21 13:14:03 UTC	The return of the native	Hardy, Thomas, 1840-1928
doi:10.7925/DRS1.UCDLIB_30685	2013-10-31 04:46:31 UTC	Desmond FitzGerald Photographs	FitzGerald, Desmond, 1888-1947 ; Ailsa Holland
doi:10.7925/DRS1.UCDLIB_30864	2013-10-30 11:51:40 UTC	National University, Dublin Ireland	FitzGerald, Desmond, 1888-1947 ; Bobinchax
doi:10.7925/DRS1.UCDLIB_30863	2013-10-30 11:51:34 UTC	Colonel Richard O'Sullivan shaking hands from his sick bed with Piaras Beaslai	FitzGerald, Desmond, 1888-1947 ; Chicago Citizen
doi:10.7925/DRS1.UCDLIB_30862	2013-10-30 11:51:27 UTC	young man with handlebar moustache	FitzGerald, Desmond, 1888-1947 ; Keogh Brothers Ltd.

< prev 1 2 3 ... 6989 **6990** 6991 ... 7006 7007 7008 next >
Identifiers shown with a highlight are demo/temporary identifiers.

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Pricing

- Annual subscription fee
- Includes creation and maintenance of up to 1 million identifiers per year

Pricing Schedule	DOIs and ARKs	ARKs only
Education and Non-Profit		
Assoc/Bac Granting Institution*	$ 500	$ 300
Masters Granting Institution*	1,000	600
Research Institution or Non-Profit Organization*	2,500	1,500
Research group, department, or team	835	500
Consortium (3 or more institutions or organizations)	20% discount on any fee marked*	
For Profit		
Small (less than 100 employees)	$ 2,500	$ 1,500
Medium (100 to 500 employees)	contact us	
Large (over 500 employees)	contact us	

For any questions regarding the above categories or rates, please contact us.

University of California researchers: please contact us for UC rates.

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