

DOI Generation in the CSU: DataCite or CrossRef?

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<https://tinyurl.com/ya56pa6y>



CSU Repositories Linked Data Survey: Handles, DOIs and ARKs (Sept 2016)

DOIs are a *Good Thing*TM

We should make them!

- Local situation: LOD best practices from the ground up
- Bigger picture: making publications and datasets (as well as their associated metadata) available, locatable, harvestable, retrievable, connectable, versionable, interoperable, and credible
- Other Cool Things DOIs Can Do:
 - Make grant funders and researchers happy
 - Resolve/pull RDF data, citations, etc.
 - Account for other identifiers (e.g., ISBN-A)
 - Un-proprietary-ize metadata (Ex *ahem* Libris)

How to Proceed?

- Campuses/IR Managers: Find cost-effective and expeditious paths toward collaborative implementation
 - Use CrossRef! <https://www.crossref.org/fees/>
 - Share CrossRef?!?
 - Follow LOD best practices in our repositories: data models, deposit forms, etc.
- STIM: Dream big and plan collectively for a LOD data-rich future
 - Establish LOD standards/mandates for CSU repositories
 - Join DataCite! <https://stats.datacite.org/>

DataCite Collective Cost Scenarios

v Description Scenario >	Going Solo	Pilot Group	Ten-able	Consortium
# of Campuses/Users	1	4	10	23
# of DOIs Generated / Year	2500	10000	25000	57500
Base Membership Fee / Year	€ 2,000.00	€ 2,000.00	€ 2,000.00	€ 2,000.00
Data Center Fee / Year	€ 500.00	€ 1,000.00	€ 3,000.00	€ 6,000.00
DOI Generation Fee / Year	€ 500.00	€ 500.00	€ 2,000.00	€ 2,000.00
Total Cost	€ 3,000.00	€ 3,500.00	€ 7,000.00	€ 10,000.00
Cost per Campus	€ 3,000.00	€ 875.00	€ 700.00	€ 434.78

Other Resources to Consult

[ANDS DOI or Handle Decision Tree](#)

[DOI Benefits Video](#)

[DOI Outreach / Use Cases](#)

[Tim Berners Lee: Linked Open Data TED Talk \(2009\)](#)