

DataCite in the UK

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What is DataCite?

- DataCite exists to make data citable
- This requires a unique, persistent, resolvable identifier
- DataCite provides infrastructure to assign DOIs to datasets
 - ...*plus software, theses, presentations, ...*

Back to basics: Anatomy of a DOI

- A prefix, “10.####”, and a suffix, separated by /
- Assign a prefix to data centres – unique to an organisation
- The format of the suffix is determined by the data centre –unique for each object

10.5072/chosen_by.DataCentre-1

Prefix Suffix

- These are used to form URLs by adding the resolving domain, e.g:
https://doi.org/10.5072/chosen_by.DataCentre-1

DataCite timeline



2009: DataCite founded with 7 members

2010-13: DataCite metadata specification released

Shared technical infrastructure established

First UK data centres sign up

Version 3 of Metadata Schema released

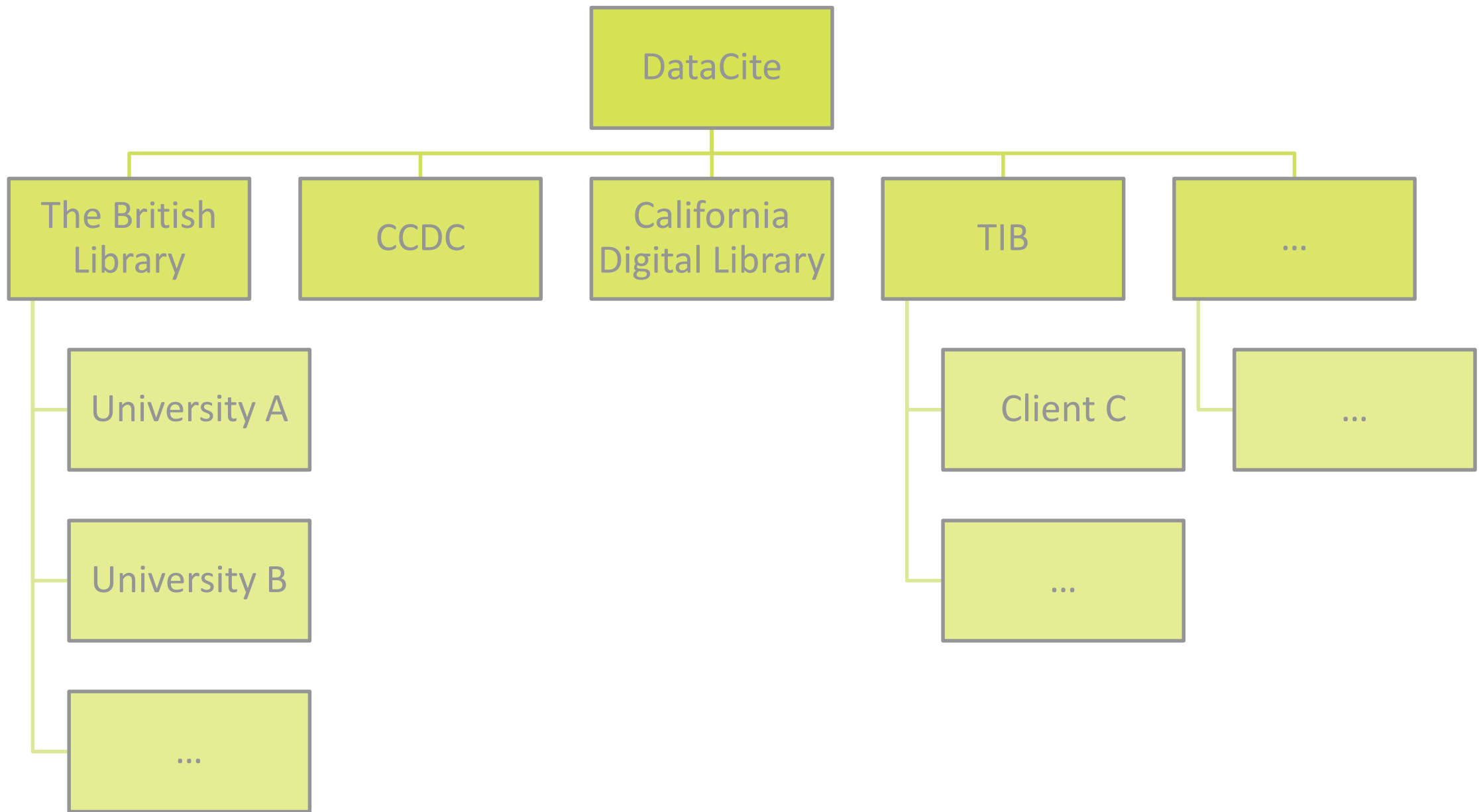
2014: 26 UK clients, 19 DataCite members and 4 million DOIs

2015: 56 UK clients, 5.7m DOIs, 24 members

2019: 94 UK clients incl. 71 HEIs, 471k UK DOIs, 18.4m total DOIs, 144 members

How do I get DataCite DOIs (as an organisation)?

- Option 1: Use an existing data centre
 - E.g. Zenodo, UK Data Service, Jisc Open Research Hub, ...
- Option 2: Join a consortium (e.g. British Library in the UK)
 - Costs shared across consortium
 - Local support & community
- Option 3: Become a direct member
 - Most expensive
 - Voting rights at DataCite general assembly



Current and future plans

- Improving three-way communications: DataCite, British Library, data centres
- Simplifications to membership model
- Making DOIs accessible to smaller institutions
- More identifier services
 - CrossRef? ISNI? *Let us know what you need*
- British Library open access repository

What next?

- DataCite UK client meeting, Friday 19 July 2019
 - Register now: <http://bit.ly/datacite-uk-2019>
- Drop us a line: datasets@bl.uk

Any questions?