

The Future of Cataloguing? Future Cataloguers!

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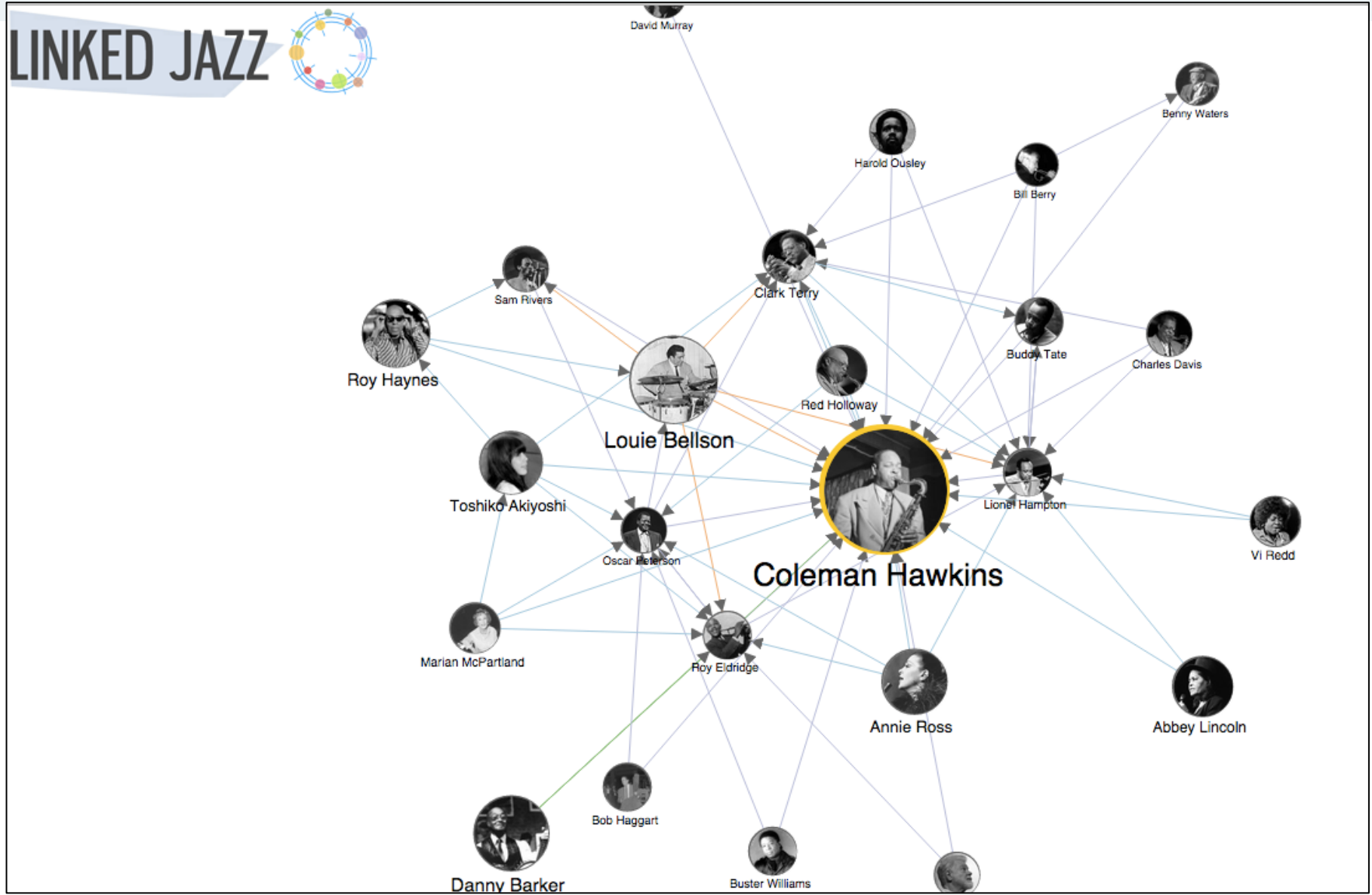
@jenlrile



McGill

Library
Bibliothèque

It's about the connections



The largest linked data datasets reported in descending order:



Project/Service	Source	Size
WorldCat.org	OCLC	15 billion triples
WorldCat.org Works	OCLC	5 billion triples
Europeana	Europeana Foundation	3,798,446,742 triples for the pilot LOD service
The European Library	The European Library	2,131,947,229 triples
Linked Open Data	Research Libraries UK	936,054,853 triples
Opendata	Charles University in Prague	750 million triples
Semantic Web Collection	British Museum	100-500 million triples
Drug Encyclopedia	Charles University in Prague	100-500 million triples
Cedar project	DANS	100-500 million triples
id.loc.gov	Library of Congress	100-500 million triples
British National Bibliography	British Library	50-100 million triples
British Art collection	Yale Center for British Art	57 million triples

Cataloguing and metadata work as gardening



Planting



Reframing of metadata creation



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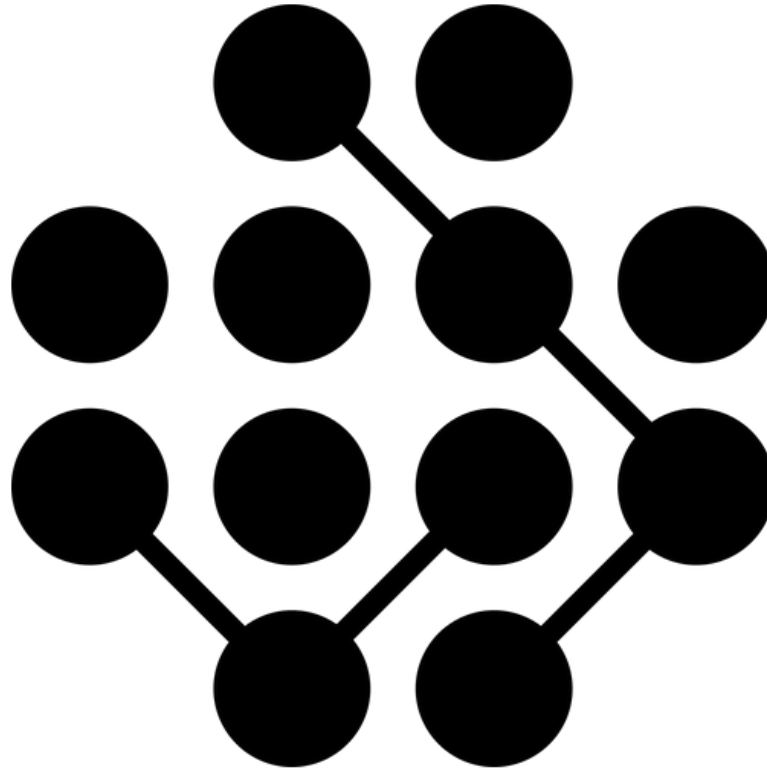


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Pollinating



A new model – making connections

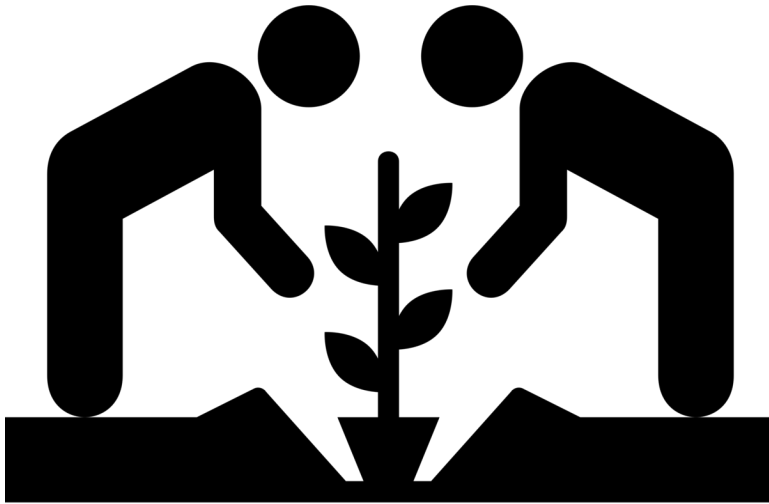


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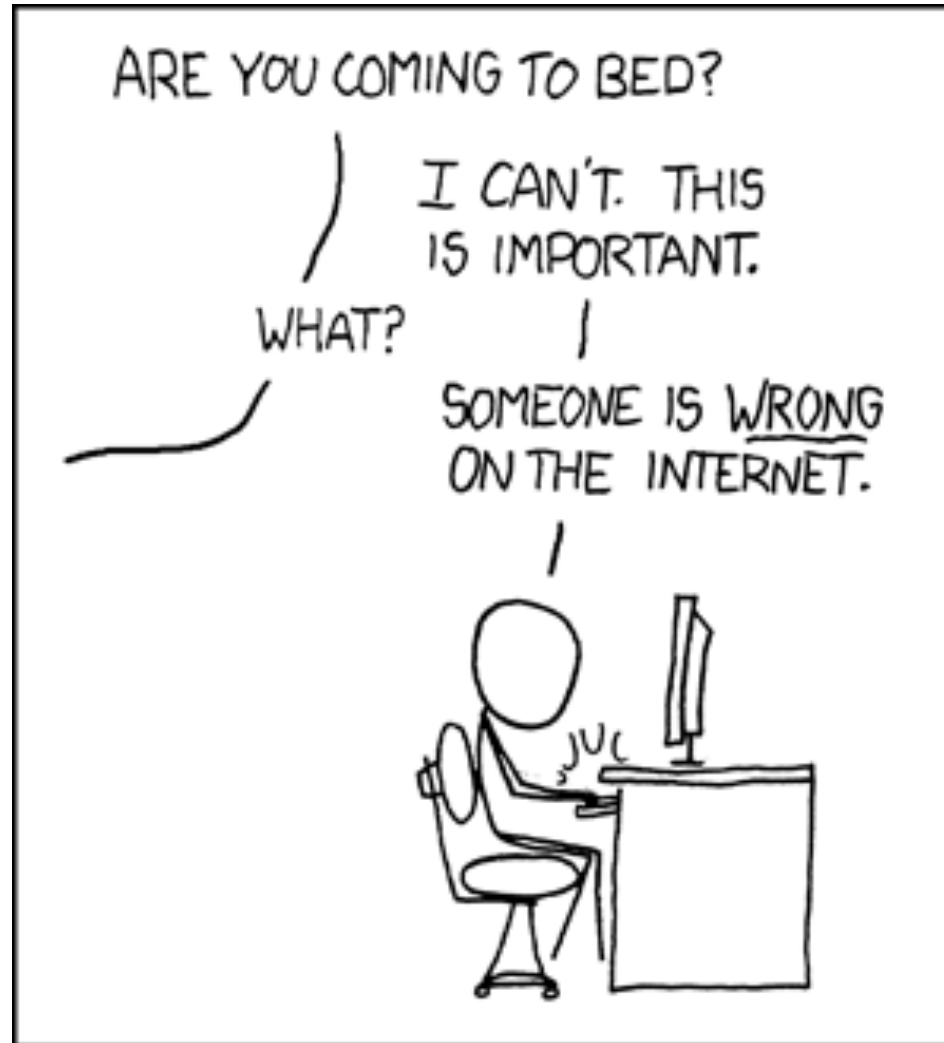
Weeding



Keep it growing



Really, we can't fix everything

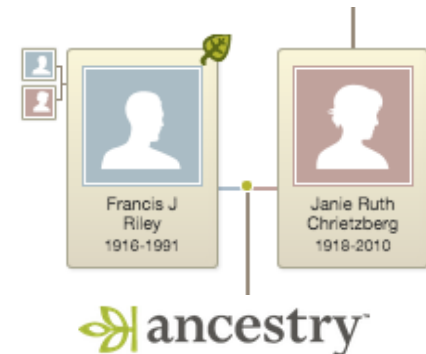


We will be increasingly reliant on others

- For facts and for meaning
- Domain experts and enthusiasts know more than we do
 - And have more resources to devote to understanding of specific resources
- Our value is in connections and curation
 - And facilitating new knowledge by others
- We don't "own" the information ecosystem
- We must do what it takes to scale up to current and future volumes of data

We will be increasingly reliant on systems

- For users:
 - To mine usage data to provide more relevant and authoritative discovery
 - To start from the most relevant information and provide easy means for quick expansion
 - To coherently display conflicting information
- For cataloguers:
 - To flag dead ends for review and action
 - To mine and show candidate connections for review
 - To highlight potentially conflicting information
 - To hide complexity (URIs, etc)



So how will Linked Data systems work?

- The data and systems are all in the cloud
- Library-based discovery less important but likely still around for a while
- Several ways systems can navigate the graph
 - Crawling
 - Dereferencing
 - Query federation
 - (See <http://linkeddatabook.com/editions/1.0/#htoc84>)

What skills are needed in the future for cataloguers?

- Creativity
- Judgment
- Quick analysis
- Ability to see patterns
- Good technical instincts
- Trust

Watch it grow!



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Vielen dank!



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- These presentation slides:
<http://www.jennriley.com/presentations/dbt2015/nurnberg.pptx>