

Every person his/her book



TITIA

OK, so this is where we continue from...

Every person his/her book



TITIA

In fact, we had an OCLC Research activity that was symbolized by a similar picture – apples that look similar but are not the same – in this case not symbolizing different readers with different needs, but metadata that looks similar but is not. As Lynn pointed out, this Ranganathan Law is about the ability to “pinpoint the information readers need”.

Every person his/her book



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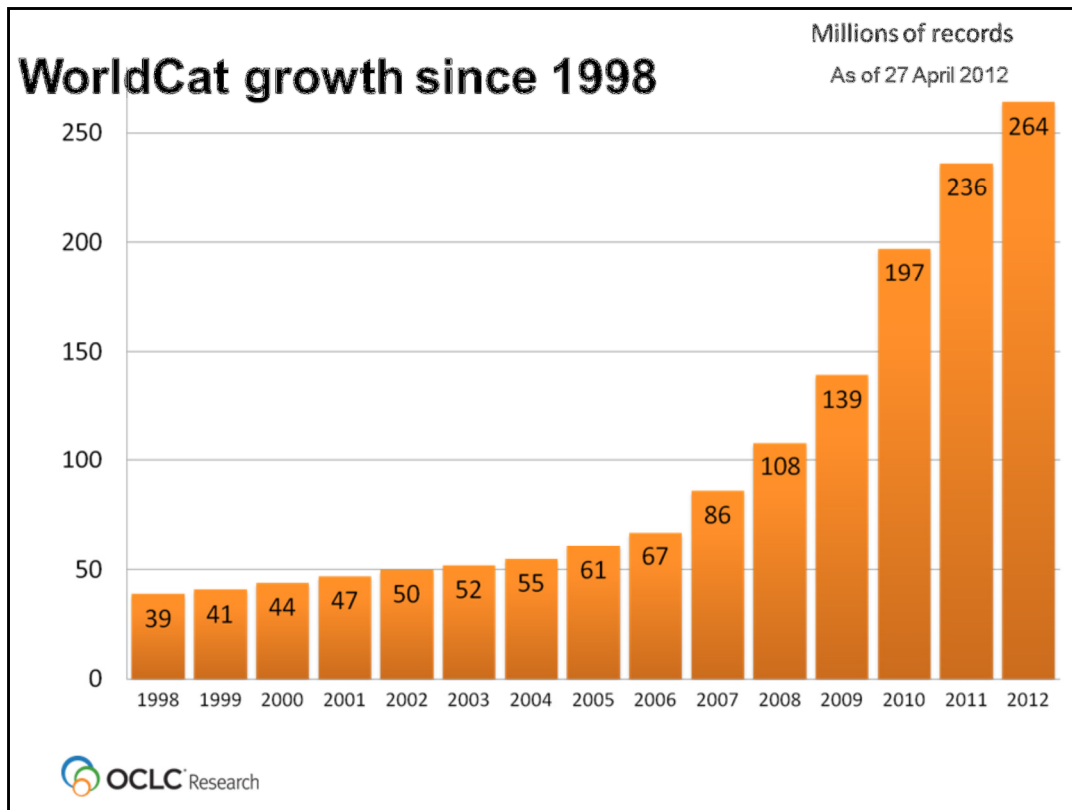
In the digital environment this law is about the unlimited growth of content and the challenge for the reader to find what he/she is looking for.

Metadata is the key to unlock this wealth of information, but the problem is that our library metadata aggregations are not helping the user find the information he/she wants.



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The reason is that we have evolved from local catalogues to large metadata aggregations.



TITIA

The WC aggregation is a good example.

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Lorcan Dempsey (2)
Mohamed Aly (1)
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Christian Fuchs (1)
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1.

Always on : libraries in a world of permanent connectivity

by Lorcan Dempsey

Book
 Document
 Computer File

Language: English
Publisher: [Copenhagen, Denmark : Munksgaard International Publishers, 2009]
Database: WorldCat

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2.

Always on: Libraries in a world of permanent connectivity

by Lorcan Dempsey

Downloadable archival material

Publisher: First Monday
Database: WorldCat

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3.

M-libraries : libraries on the move to provide virtual access

by Mohamed Aly, Gil Needham,

Book

Language: English
Publisher: London : Facet, 2008.
Database: WorldCat

[Editions and formats >](#)

4.

Always on: Libraries in a world of permanent connectivity

by Dempsey L.

Article

Language: English
Publication: First Monday, v14 n1 (2009-01-08)
Database: Copyright 2013 Elsevier S.V. All rights reserved

5.

Always on: Libraries in a world of permanent connectivity

by Lorcan Dempsey

Article

Language: English
Publication: First Monday, v14 n1 (2009-01-08)
Database: CrossRef

6.

Sempre connectats: les biblioteques en un món de connectivitat perma

by Lorcan Dempsey, Marga Losantos Vilobas, Consorci de Biblioteques Univers

Book
 Manuscript
 Archival Material

Language: Catalan
Publisher: [Barcelona] : Consorci de Biblioteques Universitàries de Catalunya, 2010.
Database: WorldCat

Cataloging error

Harvested – points to repository splash page

Analytic – essay in book

Loaded from Elsevier

Loaded from Crossref

Catalan translation

6

Aggregating data

In aggregations:

- data lose their local context
- data get lost in the bigger context

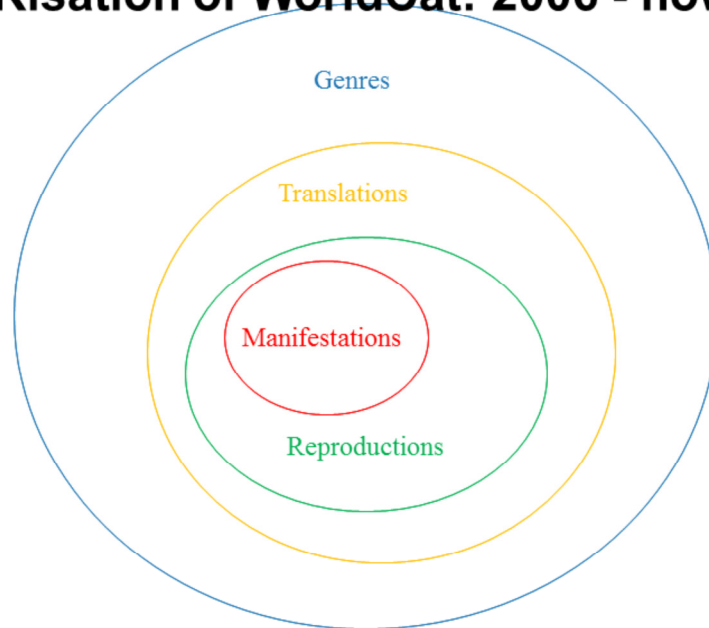


Making sense of data at the aggregate level:

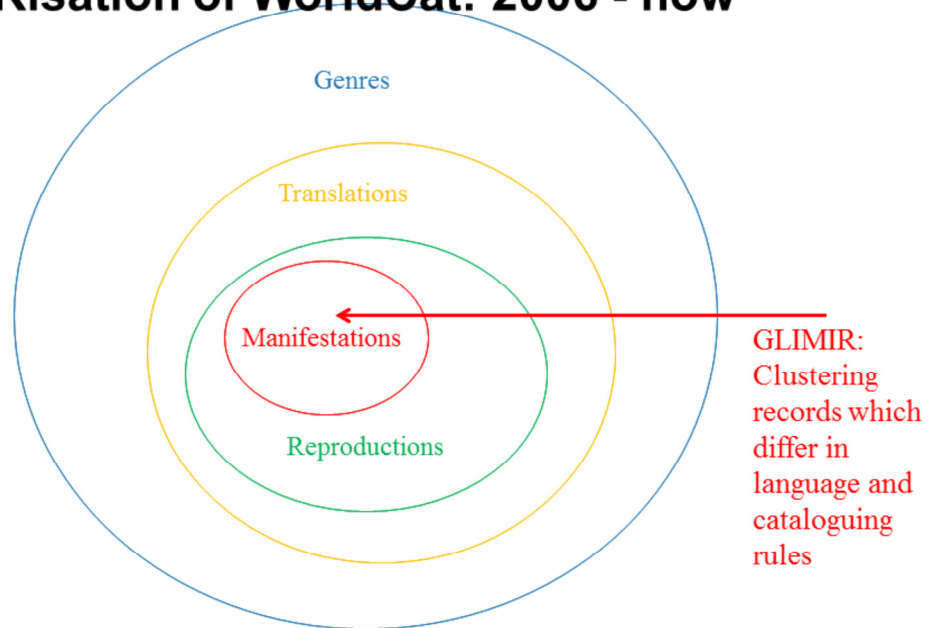
- FRBR
- GLIMIR
- VIAF
- FAST
- Mining for entities/names

Applying techniques & algorithms to other datasets

FRBRisation of WorldCat: 2006 - now



FRBRisation of WorldCat: 2006 - now



VIAF

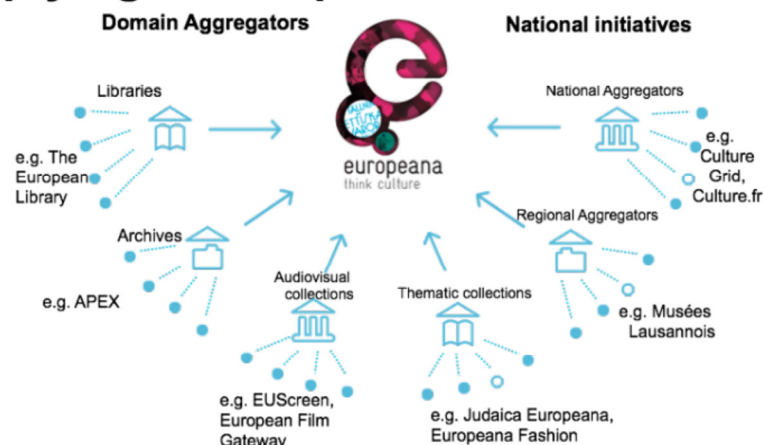
What is VIAF?

Virtual International Authority File

- Merge of 24+ national level authority files
- Cooperative program run by OCLC
- Initiated by LoC, DNB, BnF and OCLC
- 29 million authority records
- 112 million bibliographic records
- Migrated from an OCLC Research project to an OCLC service in 2012
- VIAF is available as linked data



Applying techniques to other datasets



Hunting for Semantic Clusters: Hierarchical Structuring of Cultural Heritage Objects within Large Aggregations

17th International conference on Theory and Practice of Digital Libraries (TPDL), 22-26 September 2013, Valletta (Malta)



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Pair of silver rimmonim

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Repository/Location: Jewish Museum London
Geographic coverage: Italy [Place] [Production]
Type: rimmonim
Format: 406 mm; silver
Identifier: [local JML 58095809](#) [Metadata]
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Rights: Digital image: Jewish Museum London
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Duplicates? Same object: different providers




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Shipping In The Open Sea

Description: This is a fine seascape by the North East artist John Wilson Carmichael. The picture uses one of his favourite types of composition. A small boat filled with fishermen in the foreground points to the most important ship, which is highlighted by a patch of rough, white-capped waves. This ship itself points to another



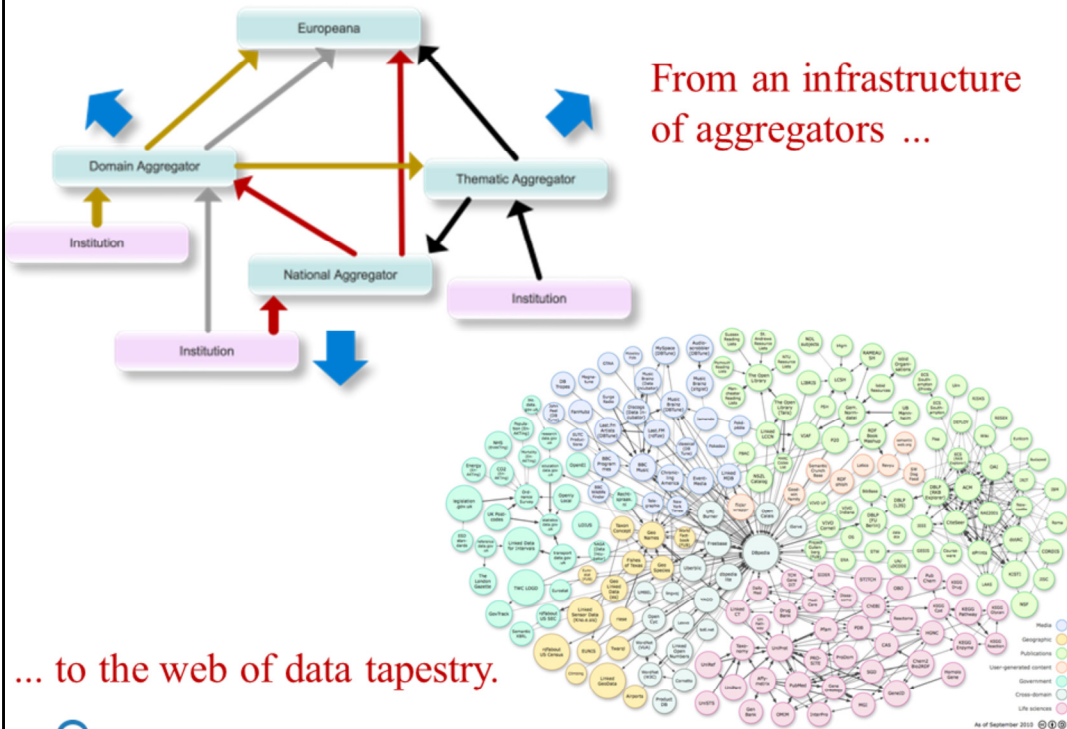
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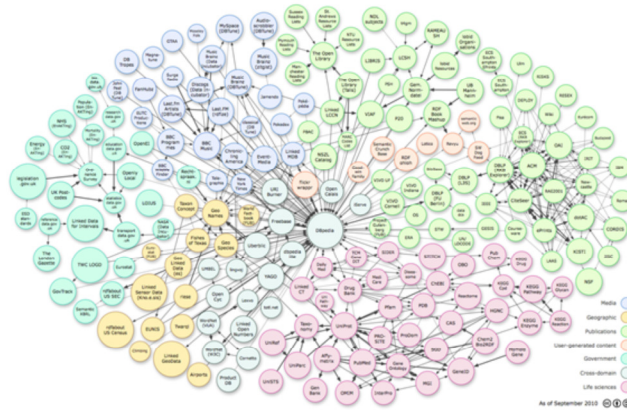
Shipping in the Open Sea

Description: This is a fine seascape by North-East artist John Wilson Carmichael. The picture uses one of his favourite types of composition. A small boat filled with fishermen in the foreground points to the most important ship, which is also highlighted by a patch of rough, white-capped waves. This ship itself points to another ship further away on the left. The zig-zag line of the ships creates lively movement in the picture. The

age digitised three times



Getting ready to move to the global aggregation: the semantic web



Linking Open Data cloud diagram, by Richard Cyganiak and Anja Jentzsch. <http://lod-cloud.net/>

We are, in fact, still in the middle of developing the proper logistics for our supermarkets. We are still developing metadata harvesting workflows, metadata harmonisation and enrichment procedures, etc. We are setting up large digital stacks to be able to supply from our digitised and digital collections. We have clearly not yet realised the promise of smooth d2d logistics within our own controlled aggregations. And already, developments on the Web are raging past us, weaving d2d logistics into the tapestry of the Web.

Data quality: OCLC

- Who = author => VIAF
- What = work => clustering works (FRBRization and Glimirization of WorldCat)
- Where = location => Registry of Libraries; Find a Library Near You

Continuous quality improvement

- Looking at new data modeling solutions: Europeana (EDM), LoC (BibFrame), etc.
- Libraries are **structuring systems** – continuously organising and reorganising the same data.

Continuous quality improvement

- Wikipedia and Google are **learning systems** – continuously improving the data and relying on crowd sourcing for correcting and improving the quality of the data

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Dora Russell

Dora Russell, Countess Russell was a British author, a feminist and socialist campaigner, and the second wife of the eminent philosopher Bertrand Russell. [Wikipedia](#)

[Wrong?](#)

[Wrong?](#) Born: April 3, 1894

[Wrong?](#) Died: May 31, 1986

[Wrong?](#) Spouse: Bertrand Russell (m. 1921–1935)

[Wrong?](#) Education: Girton College, Cambridge

[Wrong?](#) Children: Lady Katherine Tait, John Russell, 4th Earl Russell, Harriet Ruth Russell

[Wrong?](#) People also search for: Rose Witcop, Patricia Spence, [More](#)

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Quality of the system is only as good as the quality of the data

