Prepare to be Linked

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Embrace Change

Linked Data
A set of best practices for publishing and connecting *structured data on the Web* (linkeddata.org)

Linked Open Data
Linked Data that is freely available for re-use, no licenses, no restrictions
Operating within the Semantic Web

A more granular Web, linking data rather than documents

Resource Description Framework/RDF Triples
Subject (IRI) <Predicate (IRI) > Object (IRI or character string)

Each triple must be understandable without the context of a ‘record’
Preparing ourselves
Learn

Explore
LD training
Discussion
Experimentation
Adjust Our Thinking

Think in terms of data rather than records
• Consider how this influences the metadata we record
• Consider success the number of resources linked or number of IRIs added or created

Conversion of legacy MARC to LD will be lossy
• Question the metadata we record
• What do computer and human users actually need to know

Finishing v. Iterating
• Assess requirements, develop a solution
• Reassess requirements, question solution, revise as needed
• Iterate frequently
Preparing Data
Preparing for Linked Data

Data model development
Preferred RDF ontologies/schema
Whose data do you want to use
Expose authorities
Recording Data

Develop best practices
De-emphasize transcription
LD pilots/testing tools
Preparing for Discovery
Seed the Semantic Web

Standard vocabularies in RDF
Authoritative data in RDF
Manage Information Overload

Emphasize special collections and unique materials

Collaborate with search engine providers
The Secret to Linking is . . .

Using IRIs instead of strings