

International Conference on Dublin Core and Metadata Applications

POSTER SLIDESHOW



Wed. September 24th 2008



#1: Implementation of Rich Metadata Formats and Semantic Tools using DSpace

Imma Subirats

ARD Prasad

Johannes Keizer

Andrew Bagdanov



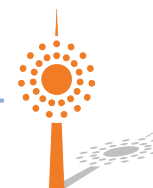
☼ Use of DSpace according to FAO standards

- Main actors

- *AGRIS Application Profile*: used for the description of documents in the agricultural domain
- *AGROVOC*: multilingual thesaurus of all subject fields in Agriculture, Forestry, Fisheries, Food security and related domains
- *DSpace*: OAI compliant digital repository for the storage, preservation and dissemination of digital content

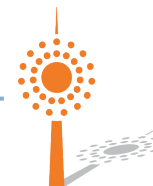
- Objectives

- Assure quality in metadata creation
- Sharing information in a standardized manner
- Use of common semantics and interoperable syntaxes
- Use of more sophisticated and specialized metadata
- Use of controlled, multilingual vocabularies



Adapting DSpace to the Task

- ✓ Custom metadata schemas
 - A schema for representation of AGRIS AP metadata elements
- ✓ Enriched metadata input
 - Custom input types for language qualification of selected AGRIS AP metadata elements
- ✓ Enriched metadata dissemination
 - A Crosswalk plugin for OAI-PMH dissemination of metadata in AGRIS AP format
 - Mapping of AGRIS AP elements to DC for vanilla DC dissemination of AGRIS AP metadata
- ➔ To do: Annotation using multilingual thesauri
 - Will use local or remote version of AGROVOC thesaurus
 - Results in high-quality metadata





#2: SKOS for an Integrated Vocabulary Structure

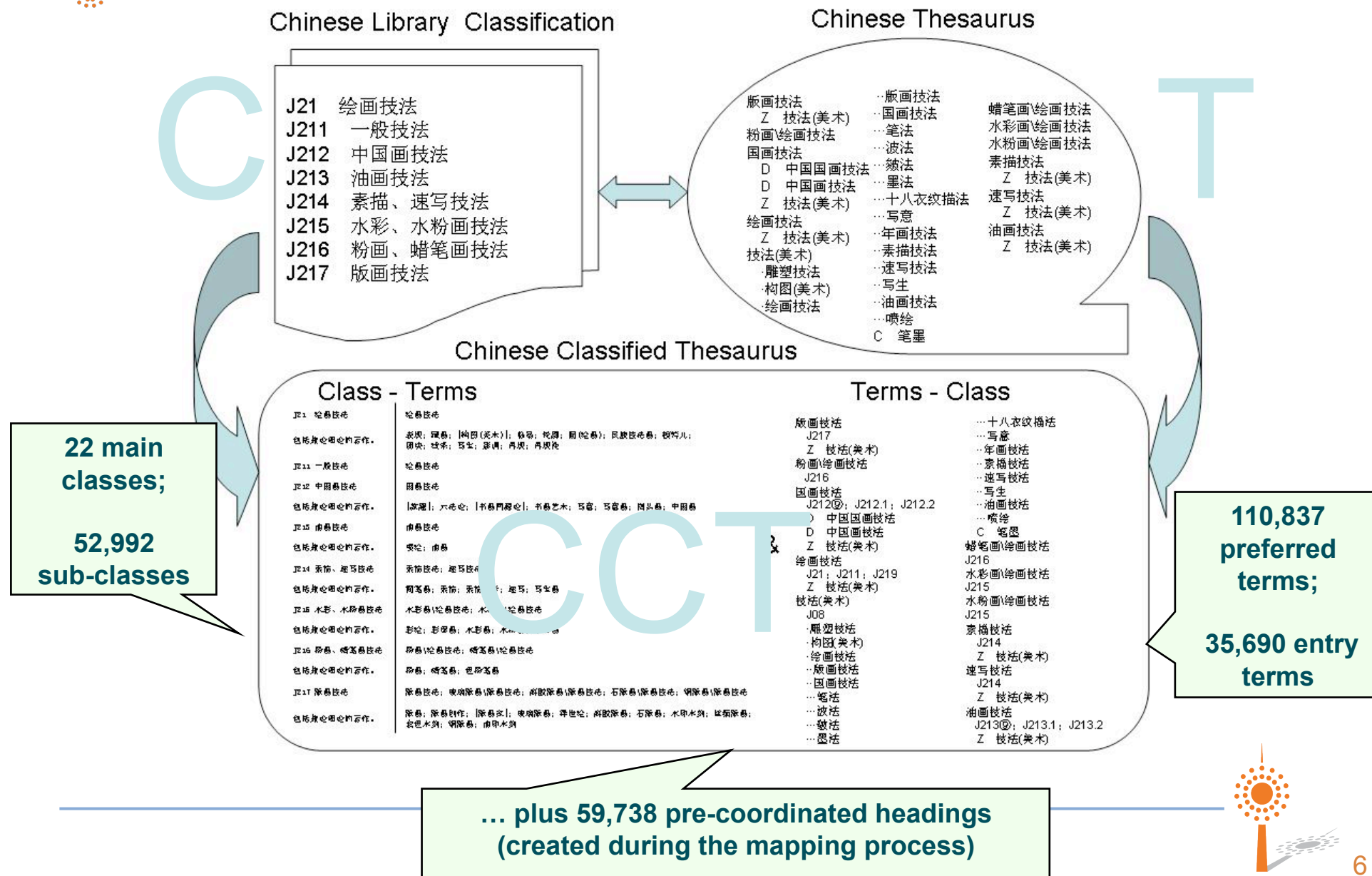
Marcia L Zeng



Is SKOS ready for non-thesaurus structures?

BERLIN DC -2008

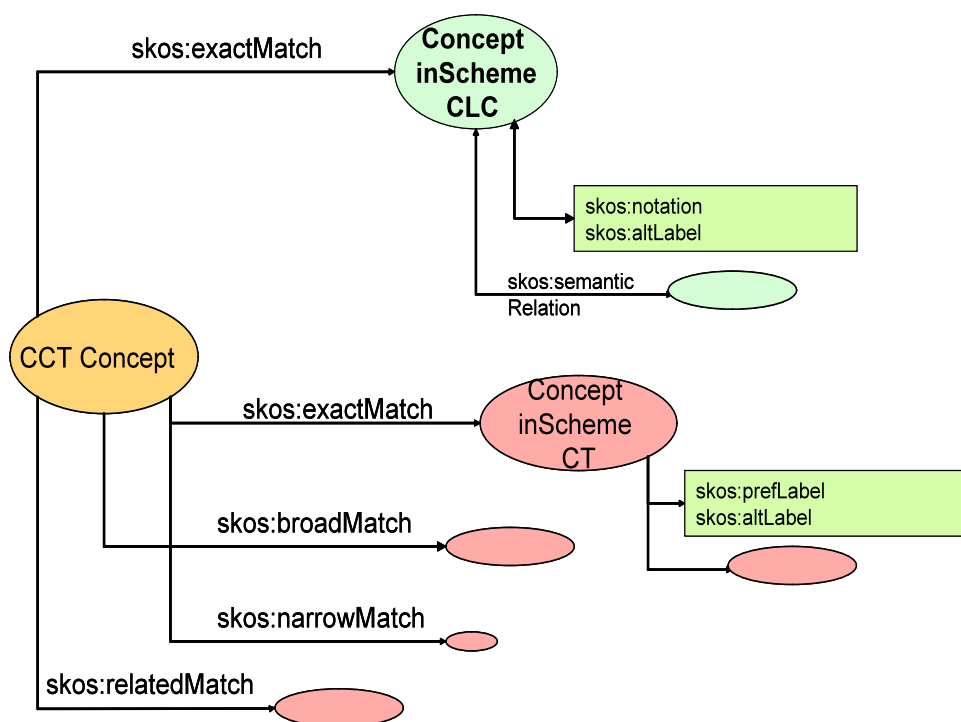
CCT (Chinese Classified Thesaurus) = C + T



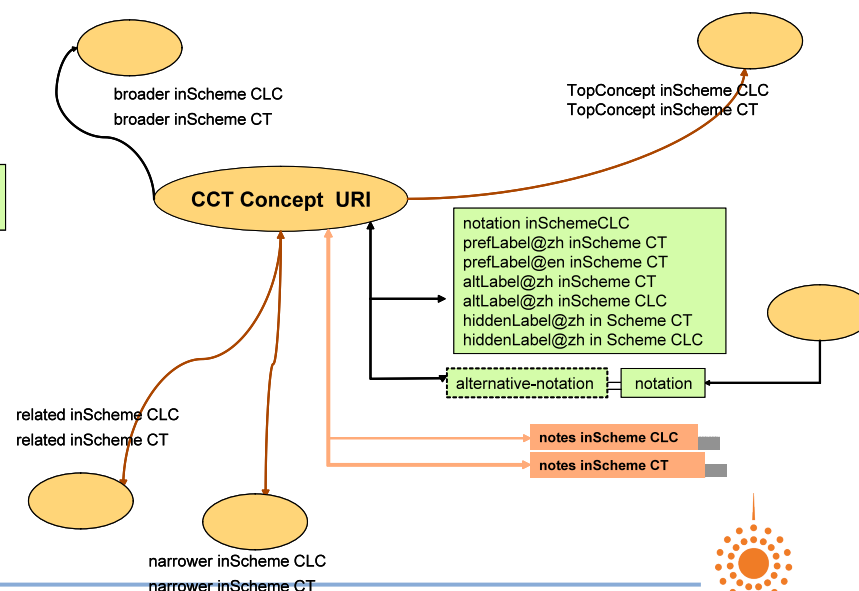


What are the options for an integrated vocabulary?

CCT as a mapping result



CCT as a new vocabulary



Please Visit Poster #2!





#3: Exploring Evolutionary Biologists' Use and Perceptions of Semantic Metadata for Data Curation

Hollie C. White



☼ Scientific Data and Metadata

- Results from 7 interviews with Evolutionary Biologists
 - Do scientists use metadata for their own research?
 - What organizational unit is used for personal scientific metadata?
 - What type of data objects do evolutionary biologists describe?
- Is the Dublin Core community prepared for these answers?





#4: LCSH is to Thesaurus as Doorbell is to Mammal

Simon Spero

☼ The Doorbell syndrome

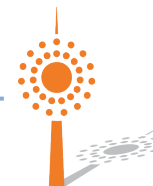
- Mammals, Souls, Art and the Eschaton
 - How are they all connected to doorbells?
- What is a Thesaurus?
 - Is LCSH one?
 - Is it supposed to be?
- How can we use visualization to better understand the structural problems in the LCSH?
- LCSH BOF Session- Thursday 6PM
 - Is this the way the world ends - not with a bang, but with a 'bim-bam'?





#5: Metadata in an Ecosystem of Presentation Dissemination

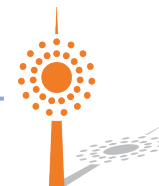
R. John Robertson
Phil Barker
Mahendra Mahey



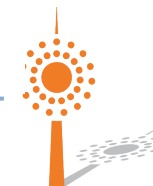
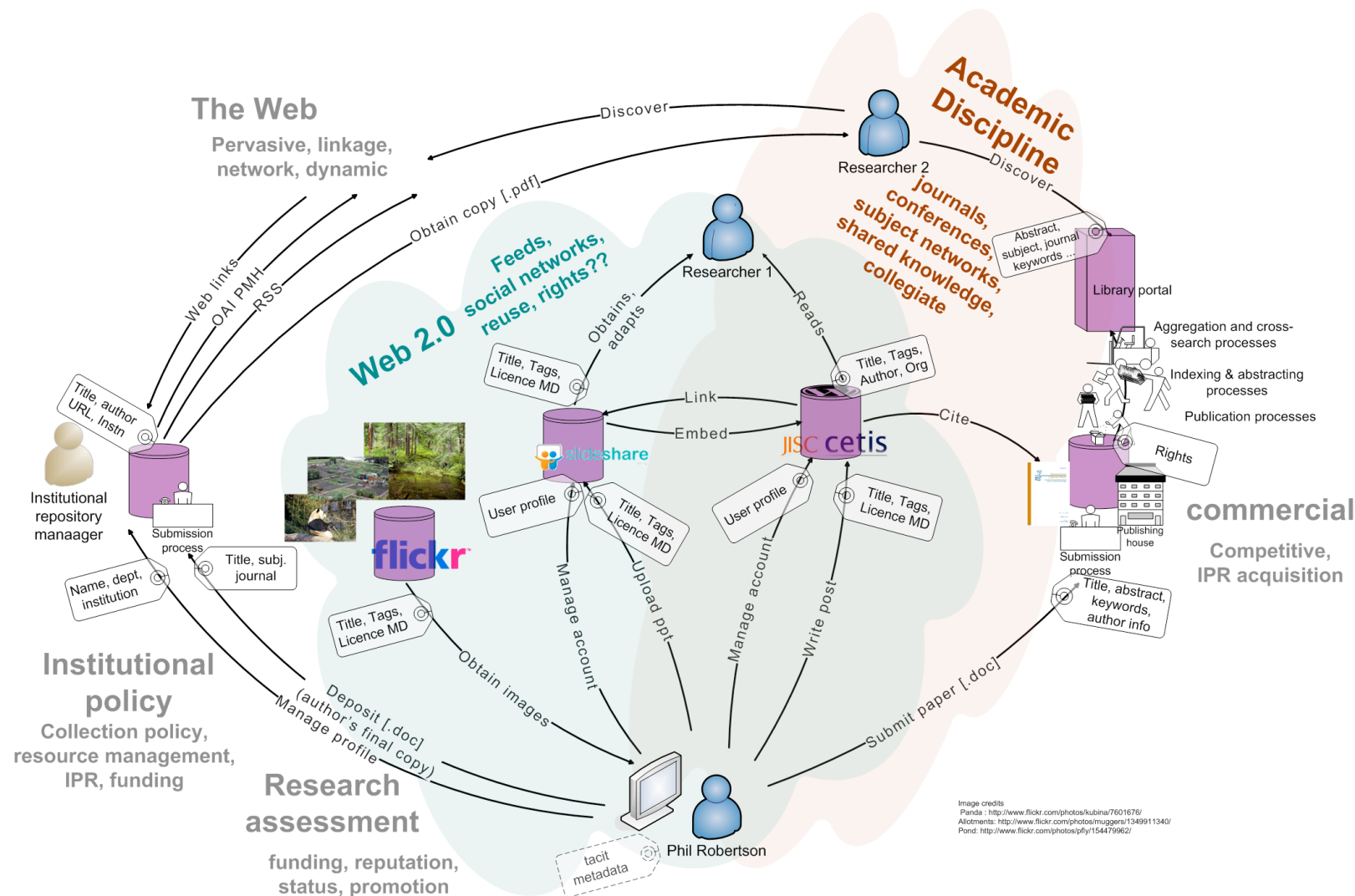
☼ What does this?



Allotments & Estuary, by "MGSpiller" <http://www.flickr.com/photos/mgspiller/318023291/>
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☀ Have to do with this?





#6: A Comparison of Social Tagging Designs and User Participation

Caitlin M. Bentley
Patrick R. Labelle



☼ Tagging is more than metadata

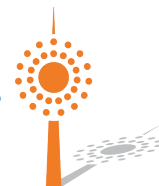
- What are the behaviours, motivations, and practices of students who use tags?
 - Mixed methods explanatory design
 - 103 questionnaires collected
 - 8 subsequent interviews conducted
- Two classes of users emerged:
 - Those who focus on tagging for individual purposes, and those who view tagging as a way to share or communicate meaning to others





#7: The Data Documentation Initiative (DDI)

Joachim Wackerow



☼ Summary

- DDI is an international effort to establish an XML-based standard for the documentation for datasets in the social and behavioral sciences
- The most recent version 3.0 embraces the full life cycle of the data
 - conception, data collection instrument, collection and cleaning of data, production of data products, distribution, preservation, reuse or analysis of the data
- Designed to facilitate sharing collections of concepts, questions, coding, and variables

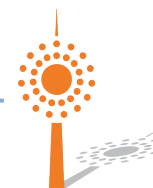


☉ Aligned with other metadata standards

- With SDMX (time-series data) for aggregate data
- With ISO/IEC 11179 (metadata registries) for building data registries, for variable, and for dimension, for
- With FG5 (geographic standards) for supporting GIS users

Find out more about the 281 XML Schema complex types at the poster stand

• More as citation mechanism to applications which understand the DC, but which do not understand DDI.



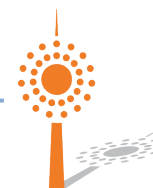


#8: junii2 and AIRway - An Application Profile for Scholarly Works and its Application for Link Resolvers

HORIKOSHI Kunie
NONAKA Yuji
KAMIYA Satsuki
SUGITA Shigeki
ASOSHINA Haruo
SUGITA Izumi

☼ to provide new access path to IRs

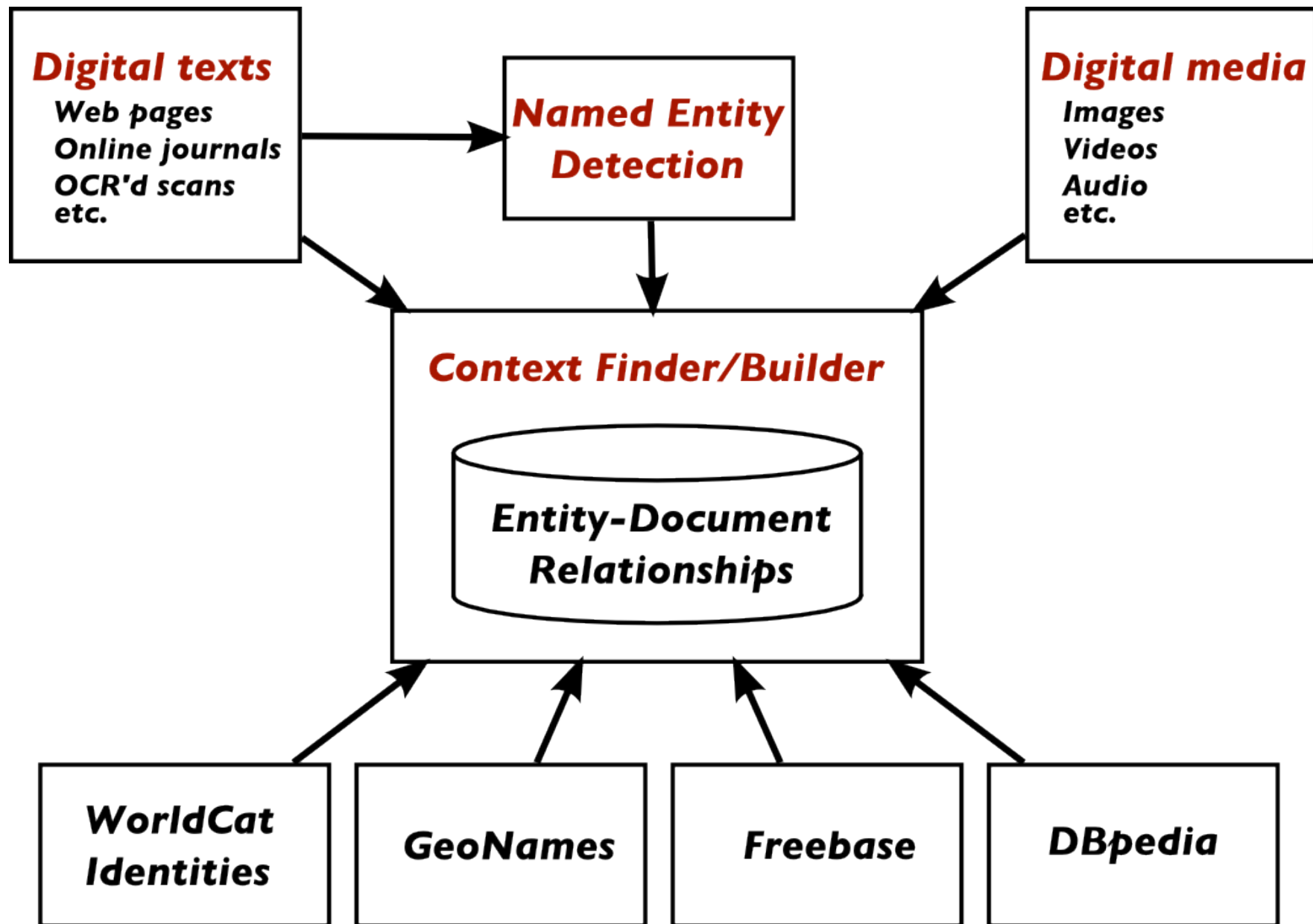
- junii2
 - **A DC application profile for scholarly works**
 - Version description (author's draft / final published)
 - Availability of the full text in the repository
 - Designed as **OpenURL-compliant schema**
- AIRway project
 - To **connect institutional repositories with academic databases** via link resolvers
 - As yet another knowledgebase for link resolvers
 - Receive an OpenURL request, return a xml for the metadata of the requested material





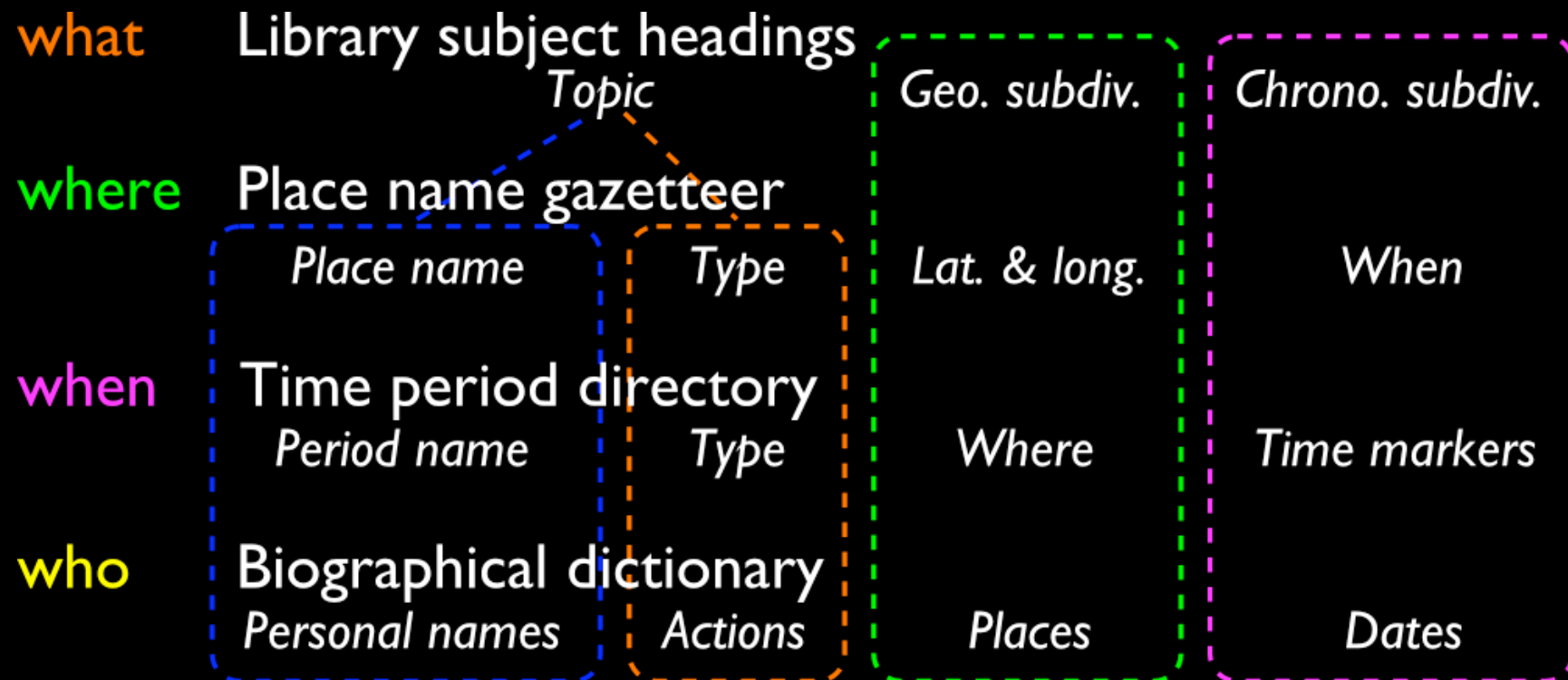
#9: Open Identification and Linking of What, Where, When and Who

Ryan Shaw
Michael Buckland



Entity name authority & metadata services

Mapping among *unlike* vocabularies.



Events as bundles of syntagmatic relations among proper names.



#10: Web 2.0 Semantic Systems: Collaborative Learning in Science

Michael Shoffner
Jane Greenberg
Jacob Kramer-Duffield
David Woodbury
Hill Taylor



☼ Metadata for STEM Learning

- Science Technology Engineering and Math (STEM) learning
 - STEM learning challenges
 - Recruitment and retention
 - US NSF CCLI program focus
- Can we apply metadata to improve STEM learning?
 - Yes!
 - BOT 2.0 project: Botany and Web 2.0



☼ The Poster...

- BOT 2.0 project details
 - BotCamp
 - Technology
 - Metadata
- Metadata research (preliminary) results
 - Metadata literacy, tagging/structured, etc.
 - Future work / collaborations
- Come by and talk!



#11: Doing the LibraryThing™ in an Academic Library Catalog

Christine DeZelar-Tiedman



☼ Library catalog vs. social networking site

- Sample of library records searched in LibraryThing
 - Hit rate
 - Characteristics
 - Publication date
 - Format
 - Language



☼ Library catalog vs. social networking site

- Subject access
 - Controlled vocabulary vs. user-supplied tags
 - Number of data points provided
 - Are they complementary?
 - Special focus on literary works
 - Are social tags useful to anyone besides the tagger?



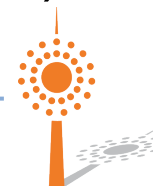
#12: Applying DC to Institutional Data Repositories: DSpace Metadata for Edinburgh DataShare

Robin Rice
Stuart Macdonald
George Hamilton



☼ What's *different* about *data* (with respect to metadata in institutional repositories)?

- Research data are created or collected, not authored
 - DC Creator notion is useful!
 - Should it be a mandatory field or not?
- Data are shared, but are they published?
 - Publisher is a clear notion in publications repositories.
 - In a data repository, is the repository the publisher?
 - Is the term too confusing for depositors?
- Who 'owns' the data? Who is the rights-holder?
 - (individual/dept/institution/funder/subjects/nobody?)



Innovations

- How to use tableOfContents term as a metadata field for data?
 - like a readme text file
- How to ensure consistency in spatial coverage input?
 - Auto lookup to GeoNames (open source) database

International Conference on Dublin Core and Metadata Applications

BEST POSTER AWARD



Wed. September 24th 2008



You decide!



Best Poster Award

Please select ☒ the poster you like most:

- ☐ #1: Implementation of Rich Metadata Formats and Semantic Tools using DSpace
[Imma Subirats](#), [ARD Prasad](#), [Johannes Keizer](#), [Andrew Bagdanov](#)
- ☐ #2: SKOS for an Integrated Vocabulary Structure
[Marcia L Zeng](#), [Wei Fan](#), [Xia Lin](#)
- ☐ #3: Exploring Evolutionary Biologists' Use and Perceptions of Semantic Metadata for Data Curation
[Hollie C. White](#)
- ☐ #4: LCSH is to Thesaurus as Doorbell is to Mammal: Visualizing Structural Problems in the Library of Congress Subject Headings
[Simon Spero](#)
- ☐ #5: Metadata in an Ecosystem of Presentation Dissemination
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