

Taxonomy ShareSpace

Marjorie M.K. Hlava
President, Access Innovations, Inc.
Albuquerque, New Mexico
USA

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Mission

- “Taxonomy ShareSpace -- access, deposit, share, save, and discuss taxonomy resources”
- There is no theoretical limit to the scope of subject matter coverage in ShareSpace.



Additional purposes

- To provide visitors with informative examples of taxonomy structure
- To show the variety and scope of taxonomies (and other terminologies)
- To reveal the possibilities that can be achieved with a taxonomy
- To implement and take advantage of JISC recommendations



JISC recommendations

- Published in Terminology Registry Scoping Study (TRSS): Final Report
 - By Koraljka Golub (UKOLN, University of Bath) and Douglas Tudhope (University of Glamorgan)
- JISC = the Joint Information Systems Committee of the Higher and Further Education Funding Councils (UK)



Outline of the talk

- JISC terminology recommendations (as implemented in Taxonomy ShareSpace)
- Tour of Taxonomy ShareSpace website
- Search and discovery of the metadata
- NICEM thesaurus for navigation and search
- Contributions of taxonomy metadata

What a terminology registry is

- TRSS: “A terminology registry (TR) lists, describes, identifies and points to sets of vocabularies available for use in information systems and services.”
- “The registry allows discovery of suitable schemes for information or, potentially, use, by exposing rich metadata about them for navigation and retrieval.”

Implemented recommendations

- Which JISC/TRSS recommendations are followed in Taxonomy ShareSpace
- How the metadata types are implemented on the website
 - Viewer interface
 - Contributor template

Group 1 – General information

- Vocabulary name
 - No-brainer – essential metadata
 - Also serves as a heading
- Vocabulary alternative name or acronym
 - Originally omitted; acronym included w name
 - Decided to include field to improve search
- Vocabulary type
 - Pick list in entry template for contributors

Group 1 (continued)

Vocabulary type: *

Thesaurus

Authority file

Classification System

Gazetteer

Subject Headings

Controlled vocabulary

Taxonomy

Thesaurus

Ontology

Concept map

Group 1 (continued)

- Author or editor
 - Credits individuals
 - Includes institutional authors
- Current version/edition
- Date of current version
- Update frequency

Group 1 (concluded)

- Available format(s)
- Omitted – Available terminology services
- Vocabulary identifier (we used “Vocabulary URL”)
- Vocabulary sample URL
- Vocabulary description (essential)

Group 2 – Scope and Usage

- Language(s)
 - We sought out multiple language vocabularies to enrich the variety of the registry.
 - Pick list or free text? Problems w. short list
 - ISO language codes list - ISO 639-2 or -3
 - Numerous languages, some quite obscure (example: OmegaWiki)

Group 2 (continued)

- Major subjects covered
 - In cases for which major subjects were not included in the descriptive material on the terminology website, we used the top terms.
- Minor subjects covered
 - Included. However, the major subjects are often fully indicative of the subject matter scope.



Group 2 (continued)

- Purpose as given by author/publisher
 - We used the label "Purpose" for succinctness.
 - The purpose is sometimes discernible, but not explicitly stated by the author/publisher.
- Used by
 - Sometimes clearly stated in a separate paragraph on the terminology website
 - Often covered in the description or purpose



Group 2 (continued)

- Related vocabularies
- Overlap with related vocabularies
- Mappings to other vocabularies: which vocabularies, intellectual or automated

Group 2 (concluded)

- Optional Group 2 suggestions not used:
 - Description of collections where used
 - Usage case study
 - Use in application profiles
 - Rating
 - URL to vocabulary users' discussion board
 - Change notification details
 - URL to tutorial for applying vocabulary

3 – Vocabulary characteristics

- Type of display
 - Check list
 - Hierarchical; Alphabetical; etc.
- Description of overall structure
- Type of terms
 - TRSS: “e.g. concept terms, geographic names

Group 3 (continued)

- Types of relationships
 - Check list (see next slide)
 - Hierarchical; associative; equivalence (etc.?)
 - Two major types of equivalence found
 - Preferred/Non-preferred
 - Equal synonyms (in synonym rings, termbanks)
- Total number of terms
- Total number of classes

Group 3 (continued)

Relationship types:

- Equivalence (Synonym or alternate ring)
- Equivalence (Primary/variant terms or Preferred/non-preferred)
- Equivalence (Language or dialect)
- Equivalence (Inter-language; may be between separate lists)
- Hierarchical (Broader/narrower terms)
- Hierarchical (Generic, ISA) or Hierarchical (specific relationship)
- Hierarchical (Instance, ISA)
- Hierarchical (Whole/part)
- Associative (Related terms)
- Associative (Symbols, animation, sound)



Group 3 (concluded)

- Number of preferred terms
- Number of non-preferred terms
- Depth of hierarchy
 - On rare occasions, is stated on website
 - We sample branches (“at least n levels”)
- Not used – Notes field (Optional)
- Not used Information given (Optional)



Group 4 – Term and conditions

- Availability: free for all, free for registered users, costs
 - Initial focus was on terminology websites freely available for viewing
- Import/download instructions
- Purchase/subscription price
- Licensing options



Group 5 - Provider

- Vocabulary provider name
 - We generally listed the organization hosting the vocabulary website
- Vocabulary provider URL
- Vocabulary provider contact details



Current architecture

- Mainly an enriched directory
- Names and links
- Metadata
- Seed/starter entries to attract users and encourage outside contributions
- Is set up (in Drupal) for entries by contributors



Collaboration opportunities

- Users can create the following content:
 - Blog entries
 - Event announcements
 - Stories/articles
 - Terminology metadata
 - Eventually, downloaded terminologies
 - Preserve for endangered thesauri



Special case – student thesauri

- Thesauri usually on university sites
- Therefore in danger of extinction
- We offer to preserve thesauri/web pages
- Interesting subjects
 - Harry Potter thesaurus (by Dr. Stasa Milojevic)
 - Sailspotting (Sails of tall ships)
 - Thesaurus of Bellydancing (ThoBe) by the League of Bellydancing Librarians, Indexers, and Archivists (LoBeLIA)

Possible eventual architecture

- Storage of full contributed terminologies
- Use of SKOS wherever practicable
- Search capability across terminologies
- Automated indexing of descriptions
- Navigation tree based on NICEM thesaurus as “spine” for collection

Home page



The screenshot shows the home page of the Taxonomy ShareSpace website. At the top, there is a navigation bar with links for Home, About Us, Blogs, and Contact. The main content area features a large heading "Taxonomy ShareSpace" with the tagline "Access, deposit, save, share and discuss taxonomy resources". Below this, there is a section titled "Welcome to the Taxo ShareSpace Terminology Registry" which provides information about the site's purpose and how to use it. A sidebar on the left contains a "Mary" section with links for "View Terminologies", "Create content", "My account", and "Log out". On the right, there are two boxes: "Vocabulary spotlight" featuring the "Harry Potter Thesaurus" and "Events" listing an upcoming workshop on "Knowledge Organization Systems - Managing Toward the Future".

Home About Us Blogs Contact

Mary

- View Terminologies
- Create content
- My account
- Log out

To make available a space for sharing controlled vocabularies and discussions about their use

Welcome to the Taxo ShareSpace Terminology Registry

The Taxonomy ShareSpace houses a collection of controlled vocabularies of all types and complexities. We invite you to both browse and contribute. Enjoy term lists for special purpose use, get ideas for building your own vocabulary, perhaps find one that can give you a quicker start.

The information collected about each vocabulary follows a study (TRSS) conducted by JISC, the Joint Information Systems Committee of the Higher and Further Education Funding Councils. All of the recommended fields included in the study's final report, some of those the study identified as *Optional* were not included. See more about the Terminology Registry Scoping Study (TRSS) at their site. In addition, input from other information experts was elicited in planning the site.

This is an interactive web site. To add information about a vocabulary, click on **Create Content** in the left navigation pane (you'll need to register as a user first; we just need your name and email). There are only six required fields, but your listing will be more useful if you complete all the applicable fields about your vocabulary.

Add a comment to almost any page - how you've used the vocabulary, what you'd add to it, how you'd use it if expanded to an ontology, etc. Comments are welcome on *Event* and *Blog* pages as well. Click on **Add Comment**, and enter your thoughts. Even anonymous visitors (not signed in) can add comments, but they'll be reviewed by a site admin before they're made visible.

You may also update the Events section of the site. Taxonomy, Knowledge Systems, Information Architecture or Management, Meta Data are all appropriate event themes. Click on **Create Content** and then on **Events** to add a new one (you'll need to be a registered user).

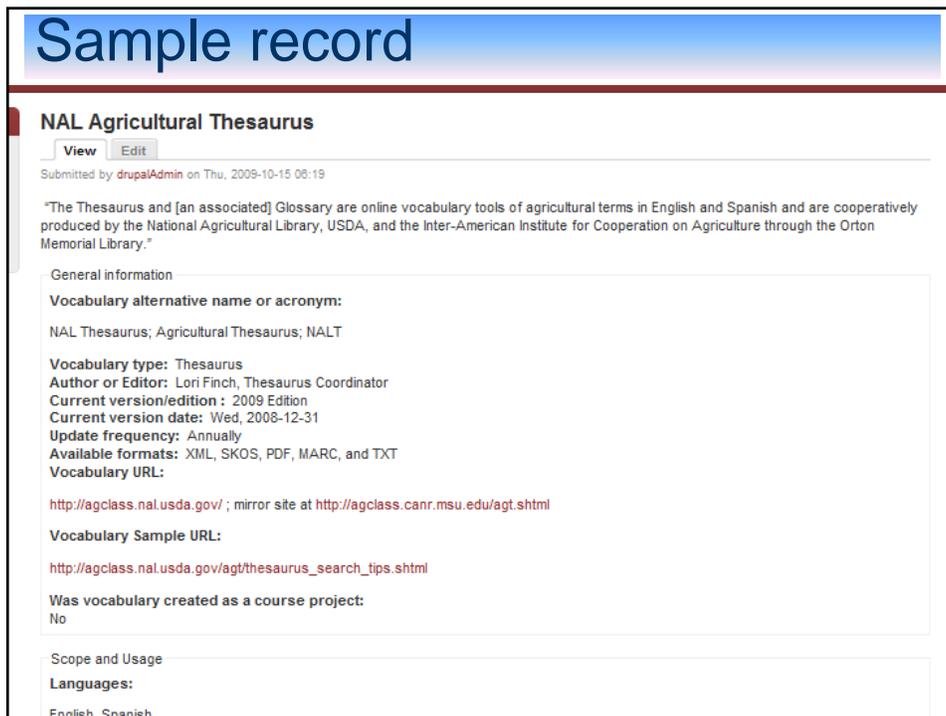
Vocabulary spotlight

Check out this vocabulary:
Harry Potter Thesaurus

Events

Upcoming events:
Workshop Oct 22: Knowledge Organization Systems - Managing Toward the Future
http://www.taxobank.org/KOS-Event

Sample record



The screenshot shows a sample record for the "NAL Agricultural Thesaurus". At the top, there is a navigation bar with "View" and "Edit" buttons. Below this, the record is displayed with a submission date of "Submitted by drupalAdmin on Thu, 2009-10-15 06:19". The main content area contains a description of the thesaurus and its associated glossary. A section titled "General information" provides details about the vocabulary, including its alternative name (NAL Thesaurus; Agricultural Thesaurus; NALT), type (Thesaurus), author (Lori Finch), current version (2009 Edition), update frequency (Annually), and available formats (XML, SKOS, PDF, MARC, and TXT). A "Vocabulary Sample URL" is provided as "http://agclass.nal.usda.gov/agt/thesaurus_search_tips.shtml". The record also indicates that it was not created as a course project. A "Scope and Usage" section lists the languages as "English, Spanish".

NAL Agricultural Thesaurus

Submitted by drupalAdmin on Thu, 2009-10-15 06:19

"The Thesaurus and [an associated] Glossary are online vocabulary tools of agricultural terms in English and Spanish and are cooperatively produced by the National Agricultural Library, USDA, and the Inter-American Institute for Cooperation on Agriculture through the Orton Memorial Library."

General information

Vocabulary alternative name or acronym:
NAL Thesaurus; Agricultural Thesaurus; NALT

Vocabulary type: Thesaurus
Author or Editor: Lori Finch, Thesaurus Coordinator
Current version/edition : 2009 Edition
Current version date: Wed, 2008-12-31
Update frequency: Annually
Available formats: XML, SKOS, PDF, MARC, and TXT
Vocabulary URL:
<http://agclass.nal.usda.gov/> ; mirror site at <http://agclass.canr.msu.edu/agt.shtml>

Vocabulary Sample URL:
http://agclass.nal.usda.gov/agt/thesaurus_search_tips.shtml

Was vocabulary created as a course project:
No

Scope and Usage

Languages:
English, Spanish

Sample record (continued)

Major subjects covered:

Agricultural subjects, biological sciences

Minor subjects covered:

Rural and agricultural sociology; physical sciences

Purpose:

"The NAL Agricultural Thesaurus (NALT) was originally prepared by staff of the National Agricultural Library to meet the needs of the United States Department of Agriculture (USDA), Agricultural Research Service (ARS). ... The thesaurus is primarily used for indexing and for improving retrieval of agricultural information."

Used By:

Currently, the thesaurus is the indexing vocabulary for the National Agricultural Library's bibliographic database of citations to agricultural resources, AGRICOLA. The Food Safety Research Information Office (FSRIO) and Agricultural Network Information Center (AgNIC) also use the NALT as the indexing vocabulary for their information systems. In addition, the NALT is used as an aid for locating information at the Agricultural Research Service, Economic Research Service and AgNIC web sites and databases.

Related vocabularies:

The NAL Glossary provides definitions for 2,574 of the thesaurus terms in English and 2,574 terms in Spanish.

Overlap with related vocabularies:

It can be assumed that NALT has considerable overlap with AGROVOC, another agriculture related thesaurus.

Mappings to other vocabularies:

NALT was aligned with AGROVOC by participants in the OAEI 2007 food task. See <http://www.few.vu.nl/~wrvhage/oei2007/food.html>

Vocabulary characteristics**Type of display :**

Hierarchy

Description of overall structure:

See <http://agclass.nal.usda.gov/structure.shtml#equiv>

Type of terms:

Agricultural and scientific concepts

Sample record (continued)

Relationship types:

Equivalence (Primary/variant terms or Preferred/non-preferred)

Hierarchical (Broader/narrower terms)

Associative (Related terms)

Number of classes:

17 subject hierarchies

Number of terms:

English: 73,194; Spanish: 69,118

Number of preferred terms:

English: 44,857; Spanish: 44,857

Number of Non-Preferred terms:

English: 28,337; Spanish: 24,261

Characteristics Comments:**Terms and Conditions****Availability:**

Free to use

Comments, Availability:

Downloadable from the website in XML, SKOS, PDF, MARC and TXT formats. Other formats may be obtained by contacting the NAL Thesaurus Staff by email, mail, phone, or fax. Browseable online.

Sample record (concluded)

Licensing Options:

No license is required to obtain the data contained in the *NAL Agricultural Thesaurus and Glossary*. If the use is not personal, (1) the U.S. National Agricultural Library must be identified as the creator, maintainer, and provider of the data; (2) the version of the data must be clearly stated by the year, e.g. 2004 NAL Thesaurus; and (3) if any modification is made in the content of the file, this must be stated, along with a description of the modifications.

Purchase/Subscription price :

\$0.00

Import/download instructions :

<http://agclass.nal.usda.gov/download.shtml> Downloads involve the acceptance of the NAL's Usage Agreement

Provider

Vocabulary provider name:

National Agricultural Library, U.S. Department of Agriculture

Provider URL:

<http://www.nal.usda.gov/>

Provider contact details:

Vocabulary provider contact details: E-mail: thes@nal.usda.gov. Mailing address:

National Agricultural Library, c/o Lori Finch, Thesaurus Coordinator, 10301 Baltimore Ave., Beltsville, MD 20705. Phone number: (301) 504-6853. Fax number: (301) 504-5213

Results from data base show all fields

Content management Site building Site configuration User management Reports Help

Vocabulary characteristics

Type of display :

Hierarchy

Alphabetical list

Type of terms:

terminology peculiar to works of J.K. Rowling

Relationship types:

Equivalence (Primary/variant terms or Preferred/non-preferred)

Hierarchical (Broader/narrower terms)

Associative (Related terms)

Number of classes:

23

Terms and Conditions

Availability:

Other arrangement (contact Provider)

Provider

Vocabulary provider name:

Stasa Milojevic

Provider URL:

<http://www.slis.indiana.edu/faculty/spotlight/index.php?facid=234>

Navigation by Taxonomy

- [-] Agriculture
- [-] Applied technologies
- [-] Business
 - [-] Business communication
 - [-] Business competition
 - [-] Business data processing
 - [-] Business decline and failure
 - [-] Bankruptcy
 - [-] Business losses
 - [-] Business enterprises
 - [-] Business growth and organization
 - [-] Business meetings
 - [-] Business research and development
 - [-] Commercial products
 - [-] Commercial purchasing
 - [-] Commercial services
 - [-] Commercial statistics
 - [-] Employees
 - [-] Employment
 - [-] Entrepreneurship
 - [-] Government and business
 - [-] Industrial relations
 - [-] Inventory
 - [-] Management
 - [-] Marketing
 - [-] Office equipment and supplies
 - [-] Property
 - [-] Trade
- [-] Communications
- [-] Computer and information science
- [-] Economics
- [-] Education
- [-] Family and consumer sciences
- [-] Geography

- [-] NICEM Thesaurus
 - [-] Agriculture (336) (2024)
 - [-] Applied technologies (23) (7624)
 - [-] Business (698) (11377)
 - [-] Business communication (215) (365)
 - [-] Business competition (4) (10)
 - [-] Competitive intelligence (0)
 - [-] Industrial espionage (0)
 - [-] Monopolies (6)
 - [-] Business data processing (99)
 - [-] Business decline and failure (1) (4)
 - [-] Business enterprises (60) (578)
 - [-] Business growth and organization (22) (57)
 - [-] Business meetings (79) (84)
 - [-] Business research and development (62) (212)
 - [-] Commercial products (17)
 - [-] Commercial purchasing (0)
 - [-] Commercial services (6) (15)
 - [-] Commercial statistics (0)
 - [-] Employees (178) (1853)
 - [-] Employment (547) (2681)
 - [-] Entrepreneurship (163)
 - [-] Government and business (40) (69)
 - [-] Industrial relations (0) (198)
 - [-] Inventory (22)
 - [-] Management (1028) (2689)
 - [-] Marketing (415) (1361)
 - [-] Office equipment and supplies (9) (9)
 - [-] Property (17) (59)
 - [-] Trade (63) (134)
 - [-] Communications (424) (1738)

Automatic Completion of Synonyms and Preferred Terms

Search by Taxonomy

psy|

<i>nonpreferred</i>	<i>Psychiatric hospitals</i>
	<i>Psychic phenomena (nonpreferred)</i>
	<i>Psychological dependence</i>
	<i>Psychological disorders</i>
	<i>Psychopathology (nonpreferred)</i>
	<i>Psychotropic drugs (nonpreferred)</i>
	Abnormal psychology
Adolescent developmental	psychology
Adult developmental	psychology
Animal behavioral	psychology
Animal	psychology
Child developmental	psychology
	Clinical psychology
	Cognitive psychology
	Community psychology
	Clinical psychopharmacology

Results by Taxonomy

Abnormal psychology

search

Results for **Abnormal psychology**

Preferred form displayed

Title: Abnormal Behavior

Abstract: Presents criteria for defining normal and abnormal behavior, causes of depression, behaviorist theory of the causes of abnormal behavior, biological factors, interaction of mind and body and general categories of abnormal behavior. Part of a series.

Descriptors: *Psychological research methods, Group and interpersonal processes, Abnormal psychology, Behavior disorders, Human behavior, <http://www.mediasleuth.com/revmail/bibrec.php?accnum=0000188>*

Title: Sleep and Psychopathology

Descriptors: *Psychological research methods, Group and interpersonal processes, Abnormal psychology*

> **Expand your search**

-Thesaurus Related Terms (?)

Behavior disorders
Mental illness
Social pathologies

Related terms expand

> **Target your search**

-Thesaurus Narrower Terms ()

Deviant behavior

Narrower terms refine search

Search By Facet

Submit Query

Clear Form

Title Keyword Required

Media Type

Any Media Type
Video - VHS (NTSC)
Video - Other
Videodisc/Laser Disc

Age Level/Audience

Any Age Level/Audience
General (Appropriate for All Ages)
Family (Intergenerational Educational Viewing)
Kindergarten/Pre-School

Language

Any Language
English
Spanish
French

Type

Any Subject
Agriculture
Applied technologies
Business

Submit

Reset

Next steps

- Add navigation taxonomy and search
- Decide how to accommodate uploads
- Populate as KOS become known
- Allow others to add their KOS
- Spread the word on the registry
- Encourage others to join and participate
- Build the community



Thank you!

Marjorie M.K. Hlava
President
Access Innovations, Inc.
mhlava@accessinn.com
505-998-0800

