

# Introduction to Indexes, Indexing, and Controlled Vocabularies

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Gale, A Cengage Learning Company

## About Heather Hedden

- Senior vocabulary editor, Gale/Cengage, 1996-2004, 2014-present
- Author of *The Accidental Taxonomist* (2010, 2016)
- Online course instructor “Taxonomies & Controlled Vocabularies” (formerly through Simmons College School of Library and Information Science)
- American Society for Indexing board member, 2016 - present
- SLA Taxonomy Division past chair of Mentoring Committee and Membership Committee.
- NISO Bibliographic Roadmap working group member
- Previously: taxonomy consultant, indexer

# About Cengage

- Publisher of educational (textbook) and reference content and software
- Divisions & brands: Gale, Questia, MindTap, Pathbrite, Learning Objects, WebAssign
- Headquartered in Boston. Offices in San Francisco, Detroit, Cincinnati, Albany, etc.
- Formerly Thomson Learning, spun off from Thomson and renamed in 2007

## Gale, A Cengage Company

- Subscription databases to libraries: GVRL ebooks, In Context, Academic OneFile, Business Collection, Literature Resource Center, etc.
- Public web products: Questia, Books & Authors, HighBeam, Encyclopedia.com
- Gale Research reference books, directories, other book imprints (Greenhaven, Thorndike, St. James Press, etc.)
- Legacy companies: Information Access Company (InfoTrac), Predicasts, Primary Source Media (Artemis)

# Outline

## Introduction to Indexes, Indexing, and Controlled Vocabularies

- Indexes
  - Types
  - Examples
- Indexing
  - Types
  - Software
- Controlled Vocabularies
  - Uses & Benefits
  - Types
  - Software

# Indexes

# Indexes

To indicate, to point to

"A systematic guide designed to indicate topics or features of documents in order to facilitate retrieval of documents or parts of documents."

-- Anderson, James D. 1997. *NISO-TR02, Guidelines for indexes and related information retrieval devices*. <http://www.niso.org/publications/tr/tr02.pdf>

This definition covers:

- Books/single-document indexes *and* database/continuing indexes
- Displayed browsable indexes *and* non-displayed indexes that support search.
- Manually created indexes *and* automatically generated indexes based on algorithms or search engine indexes

# Indexes

Indexes may be classified many ways. By...

- **Object referred to:** Subject index or Author index
- **Types of terms as headings:** Names (proper nouns), Subjects
- **Content upon which the index is based:** Full text, abstracts, citations, first lines
- **Arrangement of entries:** alphabetic, alphanumeric, classified, combination
- **Indexing method:** manual, automated, or a combination
- **Term selection:** from the text, from a controlled vocabulary, or a combination
- **Term coordination:** pre-coordinated or post-coordinated (Boolean or proximity)
- **Document type or genre:** books, periodicals, poetry, images, maps, videos
- **Medium:** print, microform, electronic/online
- ➔ ▪ **Periodicity:** one-time, closed index or continuing, open index

# Indexes

## One-time, Closed Indexes

- Back-of-the-book or other monograph index
- An index is created for the single work, then is done (closed).
- Index entries point to page numbers or section numbers.
- Index is fully displayed to end-users.
- Index entries are unique to that work and based on concepts in that work.
- May be for multi-volume works, if multiple volumes are due to the size of the work, and not based on periodicity/year.
- If there are subsequent editions, new editions have their own index, which may be based on/derived from a previous edition's index, or may be completely original, but it is not the same index.



# Indexes

## Continuing, Open Indexes

- Periodical articles or other database content (records, reports, images, multimedia files, etc.)
- Comprise multiple documents by multiple creators
- Index entries point to complete documents, articles, image files, records
- Index may or may not be displayed to end-users
- Same, shared index entries are linked to multiple documents
- Utilizes a controlled vocabulary/thesaurus
- Continuing indexes can discontinue when periodical publication ceases or when a vast collection is completely indexed but it had been continually indexed over a long period (years).

# Indexes

## Back-of-the-book index excerpt example

Locators (page numbers)

Single locators

Multiple locators

Range locators

Subentries, indented

See *also* cross-references

See cross-references

B
Baker, James, 118–19
bar associations and exams, 33, 138–40
Barbour, Levi, 182
Barnard, Frederick, 19
Barrow, Clyde, 6
Barrow, David (University of Georgia), 19–20
Barrows, David (University of California), 36
benefactors
AAU's position on, 198
appeals to, 42. <i>see also</i> endowments, university
Cornell University, 48–49, 51–52
public university graduate program funding, 200–201
university access to, 30
University of Chicago, 30, 246, 274n35
Yale University, 183–84
Berkeley, University of California at, <i>see</i> California, University of
Berlin, University of, 42, 49, 205
black colleges and universities, 63–64
boards, examination, 32, 120, 187, 190–95

# Indexes

August 2005, *Reader's Guide to Periodical Literature*

Print periodical index excerpt example

Reference locators (as citations)

Single reference

Multiple references

Subdivisions (like subentries)

See also cross-references

See cross-references

**Employee-employer relations** See Industrial psychology; Personnel management

**Employee Free Choice Act**  
Fighting for Unions. S. Acuff. *The Nation* v280 no15 p5-6 Ap 18 2005

**Employee giving** See Corporations—Charitable contributions

**Employee health insurance**  
See also  
Defined contribution health benefit plans  
Health savings accounts  
Broken Promises [Retiree medical benefits] M. Andrews. graph il *Money* v34 no5 p49-50 My 2005  
Grounds for Joy [Starbucks' health care benefits] R. Reed. il *Chicago (1975)* v54 no5 p42, 44, 46, 48 My 2005  
Socialized medicine? From Republicans? M. Miller. *Fortune* v151 no9 p48 My 2 2005

**Accounting**  
Adjusting for Age. P. Lemov. *Governing* v18 no6 p56 Mr 2005

**Costs**  
Black Hole. J. Fahey. graph por *Forbes* v175 no7 p54 Ap 11 2005  
A Collision Course For GM and the UAW. K. Naughton. por *Newsweek* v145 no25 p47 Je 20 2005

# Indexes

## Online periodical index excerpt example

Subdivisions

See *also* cross-references

See cross-references

The screenshot shows the Gale Health Reference Center Academic search results page. The header includes the Gale logo, the site name, a search bar with 'Search...' text, and search options like 'Basic Search' and 'Advanced Search'. Below the header, there is a 'Back to previous page' link and a table of search results. The table has two columns: 'Subject Terms' and 'Results'. The first result is 'Employee benefits' with 13470 results. Underneath it are links for 'Subdivisions +', 'Related subjects', and 'Employee benefits disclosure (Taxation)'. The second result is 'Employee benefits disclosure (Taxation)' with 33 results, with a link for 'See Disclosure (Taxation)'. The third result is 'Employee benefits management services' with 629 results. Underneath it are links for 'Subdivisions +', 'Related subjects', and 'Employee benefits disclosure (Taxation)'.

Subject Terms	Results
Employee benefits	13470
Subdivisions +	
Related subjects	
Employee benefits disclosure (Taxation)	33
See Disclosure (Taxation)	
Employee benefits management services	629
Subdivisions +	
Related subjects	

# Indexing

# Indexing

## Indexing

- The creation of an index
  - The linking of terms/headings/index entries to content/document units or to references to the content/document units.
- Based on analysis to determine meaningful concepts, not just words, with sufficient content

# Indexing

## One-time, Closed Indexes

- Typically a single indexer indexes a single work.
- The indexer:
  - Reads the work and identifies concepts for which there is sufficient information (such as a couple of sentences).
  - Decides how to name the concepts in the index
  - Creates variant entries for the same concept as double-posts or *See* references
  - Creates subentries to split/group subtopics of an entry that has many page locators
  - Decides where to enter *See also* cross-references
- In an integrated process, the indexer creates the index entries and associates them with page locators.

# Indexing

## Continuing, Open Indexes

- Typically involve multiple indexers, indexing in a multi-user indexing system.
- The indexers:
  - Skim the article or view the digital asset and identify key concepts, in accordance with policy guidelines on indexing specificity.
  - Browse or search the controlled vocabulary, displayed in the indexing system, to find the desired concepts.
  - Assign the controlled vocabulary terms to the document.
  - If terms cannot be found, suggesting terms or adding conditional/ unapproved terms may be permitted.
  - May assign other metadata for the document.
  - Proceed to index the next document in the queue.

➤ Must follow indexing policy set for the database/product



# Indexing

## Software for indexing

### For one-time, closed indexes

- Software to manage manual closed/book indexing
- Embedded indexing features of publishing software
- Tools to embed index tags in XML documents
- Software to semi-automate closed/book indexing

### For continuing, open indexing

- Software intended for closed indexing, used on small-scale open indexing
- Add-on to controlled vocabulary management software
- Proprietary program, based on a database management system
- Automated or semi-automated indexing (auto-categorization) software

# Indexing

Software to manage manual closed/book indexing

Mac Guide 3 index: All Records

Palatino 12 A-Z 1-9

- 961 denoting inclusive page number range...29
- 1826 ...125
- 770 filing order...155
- 2134 fixed number on line...167
- 459 forbidden in abbreviations...46-47
- 2417 for lead indents to subheadings...189f
- 2389 ...190-191
- 2512 number in formatted index...217
- permissible
- 1330 in records...22-23
- 65 restricting...211
- 457 total number...18
- 1722
- 1720 in SG
- 2885 in XM
- 2808 reserve
- 1329 separat
- 1328 separat
- 455 SGML
- 771 sorting
- 1480 See a
- 2069 space fo

Mac Guide 3 index: Record 65

Main	Characters
Sub 1	permissible
Sub 2	in records
Sub 3	restricting
Page	211

69 Oct 24, 2011 6:43 PM

char 2957 • 0 New • Sorted (Word)

Cindex

S17 Index.sk8 - SKY Index Professional

File Edit Format Utilities Search Group Label Index Options Tools View Help

Index Pane

- a grid. See cells (Data Entry Grid); columns
- b (Data Entry Grid); Data Entry Grid; fields
- c Group on Current command, 111-12
- d Group on Locator dialog, 109-10, 109
- e Group on Main Heading command, 111
- f Group on Text dialog, 110-11, 110, 111
- g Grouped view, 63-64, 64
- h grouping, 109-12
- i on active label, 81, 84, 112
- j creating a group, 63
- k on current main heading, 111
- l on current word, 112
- m on currently highlighted/selected text, 5
- n and duplicating records, command for, 43
- o and duplicating records, Ctrl+Shift modifier for, 35, 207
- p Find dialog for, 85, 86, 112
- q before generating an index, 61
- r keyboard shortcuts for, 220
- s on locators, 6, 109-10, 109
- t number of records displayed in status bar

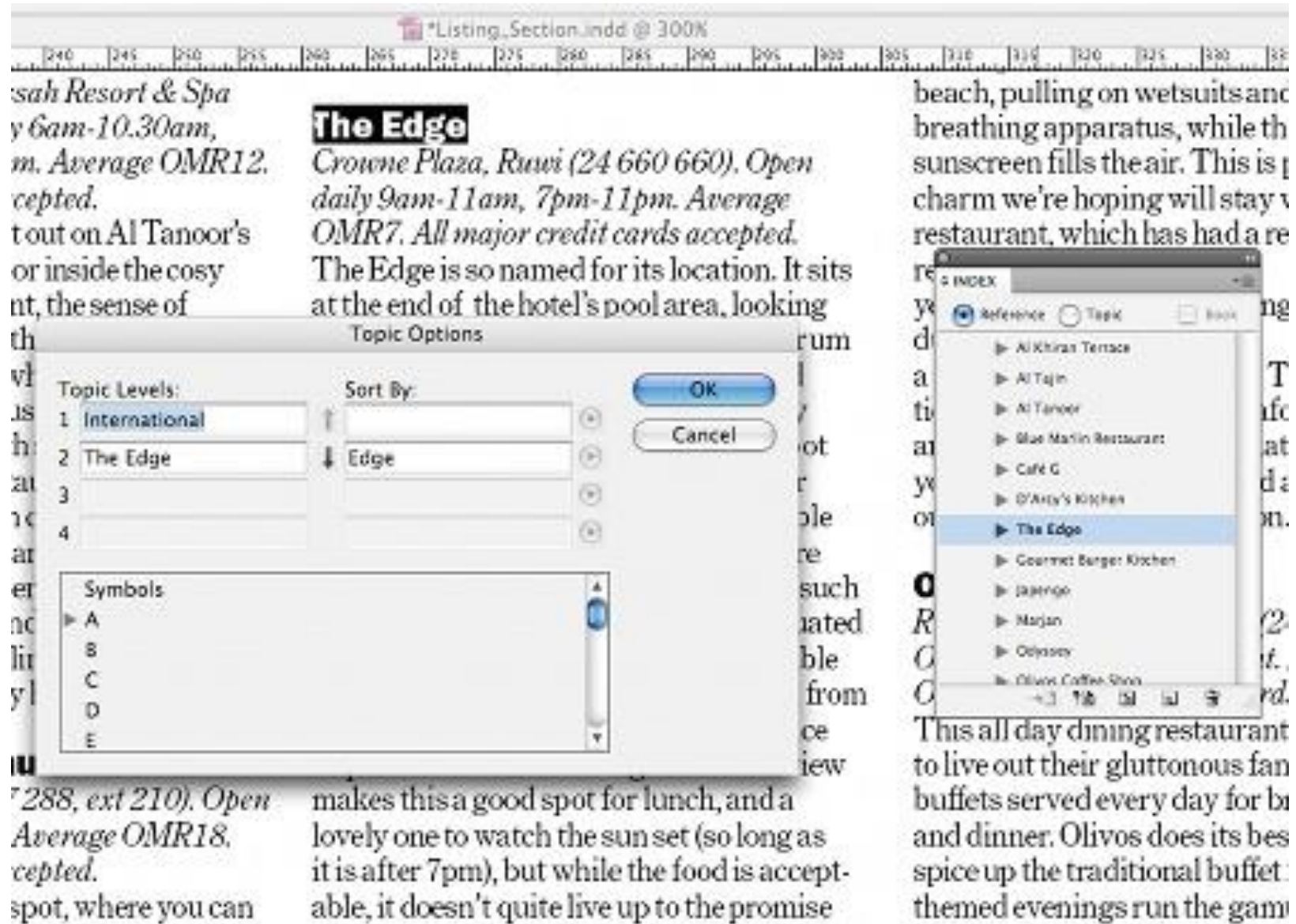
Main	Sub1	Page
Group on Text dialog		110
Group on Text dialog		111
Grouped view		63-64
Grouped view		64
grouping		109-112
grouping	on active label	81
grouping	on active label	84
grouping	on active label	112
grouping	creating a group	63
grouping	on current main heading	111
grouping	on current word	112
grouping	on currently highlighted/selected te	5
grouping	and duplicating records, command	43
grouping	and duplicating records, Ctrl+Shift	35
grouping	and duplicating records, Ctrl+Shift	207
grouping	Find dialog for	85
grouping	Find dialog for	86
grouping	Find dialog for	112

SKY Index

# Indexing

Embedded indexing feature of InDesign

Embeds index tags within the text





# Indexing

Software to  
semi-automate  
closed/book  
indexing:  
Textract

The screenshot shows the ContextView software interface. The main window displays a document with several paragraphs of text. The text is color-coded, with words like 'Competition Council', 'emergence of competition', 'electricity and gas supply sectors', 'transactions', 'Council', 'concentrations', 'ECS', 'Johnson Controls / ECA', 'purchase', 'car seat manufacturing', 'product markets', 'affected market', 'notification', 'Rapporteur', 'information', 'in-depth investigation', and 'admissibility' highlighted in various colors. A search bar at the bottom of the window contains the text 'notification, incomplete'. Below the search bar, there is a table of search results. The table has columns for checkboxes, counts, and text descriptions. The results are as follows:

Checkbox	Count 1	Count 2	Description	Count 3	Count 4	Count 5
<input checked="" type="checkbox"/>	0	2	non bis in idem, see fines: double jeopardy	1	(no refs shown)	
<input type="checkbox"/>	3	4	Nordic Cooperation Agreement	*	3	xiii, 170, 196
<input checked="" type="checkbox"/>	38	6	notification	%*	21/...	27, 83-4, 90, ...
<input checked="" type="checkbox"/>	0	2	notification, intra-group exemption:	1	(no refs shown)	
<input checked="" type="checkbox"/>	3	2	notification, intra-group exemption: ÖIAG / Ö...	*	3	vii, 83, 196
<input checked="" type="checkbox"/>	0	2	notification, partial withdrawal	1	(no refs shown)	

At the bottom of the software window, there is a status bar that reads 'Accepted: 1314 1472 of 2150'.

# Index

Mercury

PORTAL EPM HI

Work Type **EFeed** Get Work My Work Preferences Logoff

Something About the Author, vol. 307 2017APR26 **Perms:** REFERENCE Article 1 of 1 |< |>  
(Issue: -Vol: -ArticleID:490590798)  
Atinuke.

Options Citation **Index** Review FullText AuthAbstract FT/Abs Split English

Validate Override Add Update Delete Detail Clear

D ▼ **storyteller** A S H Subfield

TSD

B Atinuke

Atinuke  
Personal  
Born in Ibadan, Nigeria; daughter of a professor and an editor; married;  
children: two sons. Education: Attended Oxford University.  
Addresses  
Home--Wales.

and writer. Worked variously as a portrait painter, gardener,  
model.

Storytellers  
BROADER TERM: Entertainers  
NARROWER TERM: Griots  
SEE ALSO: Storytelling  
Storytelling  
BROADER TERM: Oral interpretation  
SEE ALSO: Children's stories  
SEE ALSO: Frame narratives  
SEE ALSO: Frame-stories  
SEE ALSO: Story within a story  
SEE ALSO: Storytellers

caching  periodical vocab only  
**status:** ready

Software  
UI for open  
database  
indexing at  
Gale

# Indexing

## Automated approaches for continuing/open indexing

- **Auto-Indexing** – prominent terms extracted to create an index
  - Text analytics and text mining, based on natural language processing (NLP)
  - Information extraction, especially named entity extraction
- **Auto-Categorization/Classification** – documents assigned to categories
  - Main methods: machine-learning or rules-based (see next slide)
  - May also leverage results from text analytics, information extraction, text mining
- **Auto-Tagging** – terms assigned to documents
  - Same technologies as auto-categorization
  - May have more specific/granular taxonomy terms and additional automatically assigned metadata

# Indexing

## Auto-Categorization/Auto-Classification/Auto-Tagging Technologies

### ■ Machine-Learning/Statistical

- Automatically categorizes/tags based on previous examples.
- System has complex mathematical algorithms.
- Must supply the system with multiple representative sample documents for each taxonomy term to “train” the system. Results are reviewed and training sets are “tuned.”

### ■ Rules-Based

- Indexing rules, based on synonyms and other conditions, are created for each taxonomy term.
- Some systems feature auto-generated suggested rules for each term/synonym which can be manually edited, in addition to writing rules from scratch.
- Some systems feature more sophisticated rule-writing, like advanced Boolean searching (in reverse) and proximity operators or regular expressions.

# Controlled Vocabularies



# Controlled Vocabularies

A controlled vocabulary is:

- An authoritative, restricted list of terms (words or phrases) mainly used for indexing/tagging content to support content management and retrieval
- The set of allowed values/terms for a designated descriptive metadata element/field.
- Controlled in who, when, and how new terms may be added.

Optional features:

- Variants/synonyms that redirect to the preferred term name
- Relationships between terms
- Notes, definitions, attributes attached to individual terms.

# Controlled Vocabularies

## Controlled Vocabulary Uses & Benefits

- Supporting consistent/accurate indexing
  - With multiple indexers and documents from multiple authors
- Supporting retrieval
  - Supporting greater precision and recall
    - Resolving synonymy - different words for the same concept,  
For better recall
    - Resolving polysemy - same word with different meanings,  
For better precision
  - Supporting guided topic browsing through classification structure for discovery

# Controlled Vocabularies

## Controlled Vocabulary Uses & Benefits

- Resolving **synonymy** - different words for the same concept
  - A controlled vocabulary gathers synonyms, acronyms, variant spellings, etc. – brings together that which is the same.
  - Documents not missed due to use of different words  
e.g. **Automobiles** vs. **Cars**
- Resolving **polysemy** - same word with different meanings
  - A search restricted on the controlled vocabulary retrieves concepts not just words – distinguishing that which is different.
  - Documents excluded for mere text-string matches  
e.g. **monitors** for computers, not the verb “observes”

# Controlled Vocabularies

## Taxonomy

- A controlled vocabulary with broader/narrower (parent/child) term relationships that include all terms to create a hierarchical structure
- Has focus on categorizing and organizing concepts
- May or may not have “synonyms” to point to the correct, preferred terms
- May comprise several hierarchies or facets

### Leisure and culture

- . Arts and entertainment venues
  - . . Museums and galleries
- . Children's activities
- . Culture and creativity
  - . . Architecture
  - . . Crafts
  - . . Heritage
  - . . Literature
  - . . Music
  - . . Performing arts
  - . . Visual arts
- . Entertainment and events
- . Gambling and lotteries
- . Hobbies and interests
- . Parks and gardens
- . Sports and recreation
  - . . Team sports
    - . . . Cricket
    - . . . Football
    - . . . Rugby
  - . . Water sports
  - . . Winter sports
- . Sports and recreation facilities
- . Tourism
  - . . Passports and visas
- . Young people's activities

# Controlled Vocabularies

## Thesaurus

- A controlled vocabulary with standard structured relationships between terms
  - Hierarchical: broader term/narrower term (BT/NT)
  - Associative: related terms (RT)
  - Equivalence (synonyms): preferred term/non-preferred term (USE/UF)
- Not necessarily in neat, top-down navigation hierarchies
- Especially helpful for manual indexing (tagging)
- Created in accordance with ANSI/NISO Z30.19 or ISO 25964 standards.

**Folk music**  
UF Traditional music  
BT Music  
NT American folk music  
NT Canadian folk music  
NT Folk dance music  
NT Folk-rock music  
NT Folk songs  
NT Irish folk music  
NT Mariachi music  
NT Mexican son (Music)  
RT Folk festivals  
RT Folk singers  
RT Folklore  
RT Gypsy music  
RT Nueva trova (Music)  
RT Popular music

# Controlled Vocabularies

## Controlled Vocabulary Types



<b>Pick List</b>	<b>Synonym Ring</b>	<b>Authority File</b>	<b>Taxonomy</b>	<b>Thesaurus</b>	<b>Ontology</b>
Ambiguity control	Synonym control	Ambiguity control Synonym control	Ambiguity control (Synonym control)  Hierarchical relationships	Ambiguity control Synonym control  Hierarchical relationship  Associative relationships	Ambiguity control (Synonym control)  Semantic relationships  Classes

# Controlled Vocabularies

## Software for Taxonomy/Thesaurus Management

- Dedicated thesaurus management software
- Taxonomy creation & editing module of a content management, document management, digital asset management, collaborative software (SharePoint), or automated indexing software
- Vertical market software for creating classification structures
- Proprietary thesaurus management software developed in-house

➤ Screenshots from four dedicated thesaurus management software products

# MultiTes

MultiTes Pro v2017.04.20 - C:\mtPro\data\Imported thesaurus.th2

File Edit Define Term Reports Window Help

Search [ESC] Clear [Enter] Search

Advanced Search Manage Categories Quick Entry Refresh List New Term Display Term Flag Term Rel Wizard

Term	Status	Relationships	Notes	Categories	Translations
3-in-1 pictures	A	USE	-	-	ENG
A la poupée prints	A	BT, RT(2), UF	SN	-	ENG
A trois crayons drawings	A	BT, UF(2)	SN	-	ENG
Àac prints	A	USE	-	-	ENG
Abstract drawings	A	BT(2)			
Abstract paintings	A	BT(2)			
Abstract photographs	A	BT(2)			
Abstract prints	A	BT(2)			
Abstract works	A	BT, NT(4)			
Accessories (Clothing & dress)	A	BT, NT			
Acetate negatives	A	BT, UF(5)			
Acrylic paintings	A	BT			
Action comics	A	USE			
Ads	A	USE(2)			
Adventure comics	A	BT, RT, UF			
Advertisements	A	BT, NT(4), RT(7)			
Advertising	A	UF			
Advertising cards	A	BT(2), NT(3), RT			
Advertising mail	A	USE			
Aerial photographs	A	BT(2), RT			
Aerial views	A	BT, NT, RT(2), U			
Agfacolor transparencies	A	USE			
Agricultural equipment	A	BT			
Air conditioning, heating, & ventilating draw	A	USE			

Aerial views

Clipboard Edit Print Window

Record Details Multilevel Hierarchy 2-way Hierarchy Edit

- Aerial views
  - General
  - Classification
  - Notes
    - SN: Views from a high vantage point.
  - Relationships
    - UF: Air views
    - UF: Balloon views
    - UF: Views, Aerial
    - BT: Views
    - NT: Aerial photographs
    - RT: Bird's-eye views
    - RT: Panoramic views

Stay on top

Add relationships

Aerial views

NT

SC

SN

UF

USE

BT

NT

RT

Browse... Save Close

Automatically add new terms if not found in thesaurus.



Synaptica®

Taskviews Search Tree Browse

Limit to Taskview
  Show All  
 Display Relationship Abbreviations

[Highlight by Category](#)  
[Filter by Relationship Type](#)

- [-] Training\_Thes
  - [-] Botany
    - [-] Applied botany
      - Agriculture
      - [+] Forestry
      - Research botany
      - Exobiology
    - [-] Medicine
      - Dentistry
      - Family practice
      - Veterinary medicine
    - [-] Zoology
      - [+] Applied zoology

# Synaptica

EMPOWER™ LEARNING

Item Summary "Forestry" - Google Chrome

www.synaptica.net/simmons/thes/details\_fs.asp?vunid=11390

### Item Summary

<b>Descriptor</b>	Forestry
<b>Object</b>	Training_Thes
<b>Categories</b>	
<b>Status</b>	Active; Approved; Preferred; Unlocked
<b>UID</b>	11390
<b>Created</b>	dclarke 3/31/2008 12:09:12 PM
<b>Modified</b>	dclarke 3/31/2008 12:09:12 PM

Save

Add New

Subsume

Refresh

Categories

History

Deactivate

Delete

Restore

Copy

### Sub-Elements

<b>Descriptor:</b>	Forestry
<b>Scope:</b>	

### Administrative Attributes:

<b>Approval:</b>	Approved
<b>Workflow:</b>	Normal

### Relationships

Add/Edit Relationships

Tree View

Visualize

Limit to Taskview
  Show All

### Forestry

#### Top Level Parents

TT [Botany](#) (Training\_Thes)

#### Parents

[BT Applied botany](#) (Training\_Thes)

#### Children

[NT Afforestation](#) (Training\_Thes)  
[NT Reforestation](#) (Training\_Thes)

#### Associations

#### Variants

PoolParty

PROJECT CORPORA TOOLS OPTIONS ADVANCED Select Language demoadmin Help Logout

en Last automatic snapshot at 04:58 - 28.01.2015

Food and Recipes

- Recipes (2)
  - Dishes (14)
    - Appetizers (1)**
      - Dips (0)
      - Baked goods and breakfast (1)
      - Desserts (0)
      - Dressings and Sauces (1)
      - Egg Dishes (1)
      - Meat and Poultry (4)
      - Pasta, Rice, Potatoes (0)
      - Pizza and Savory Baking (1)
      - Salads (0)
      - Seafood (2)
      - Smoothies and Parfaits (0)
      - Soups and Stews (0)
      - Vegetable Dishes (0)
    - Ingredients (6)
  - Lists
  - Collections

### Appetizers

<http://advanced.poolparty.biz/FoodandRecipes/2>

+ Add to Collection X Delete Concept

Details Notes Documents Linked Data Triples Visualization

Quality Report History

SKOS

Relations Add to Blacklist Linguistics

<b>Broader Concepts</b> <a href="#">Dishes</a>	<b>Preferred Label</b> Appetizers en
<b>Narrower Concepts</b> <a href="#">Dips</a>	<b>Alternative Labels</b> Starters en
<b>Related Concepts</b>	<b>Hidden Labels</b> en
	<b>Scope Notes</b> Dishes served as appetizers en

EMPOWER™

Data  
Harmony  
Thesaurus  
Manager

MAIstro -- newsindexerthes

Thesaurus Master MAI Rule Builder Test MAI

File Edit View Help

- Business and finance
- Community life
- Government and politics
- Health and wellness
  - Health sciences
    - Allied health sciences
    - Alternative medicine
    - Food engineering
    - Health care
    - Health care facilities**
    - Health concerns
    - Health supplies
    - Health support services
    - Medical conditions and diseases
    - Medical patients
    - Medical prostheses
    - Medical research
  - Medicine
  - Nursing
  - Patient care
  - Physical rehabilitation
  - Public health
  - Veterinary sciences
- Wellness

- Locations
- News
- Science and technology
- Sports

Term: Health care facilities

Broader Term + - V

Health sciences

Narrower Term + - V

Hospices

Hospitals

Mental health facilities

Nursing and retirement homes

Rehabilitation centers

Status  Candidate  Accepted

Related Term + - V

Non-Preferred Term + - V

Scope Note	Editorial Note
Facet+	NNID
History+	

# Questions/Contact

## Heather Hedden

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