Taxonomy Displays

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About Heather Hedden

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- Continuing Education Workshop Instructor, Simmons College Graduate School of Library and Information Science
- Author, *The Accidental Taxonomist*, Information Today Inc., 2010

Previously
- Taxonomy Manager, First Wind
- Information Taxonomist, Viziant Corporation
- Contract Taxonomy Consultant, Earley & Associates
- Senior Vocabulary Editor, Thomson Gale (Cengage Learning)
Outline

- Different displays for different users
- Thesaurus display types
- Taxonomy display types
Outline

- Different displays for different users
- Thesaurus display types
- Taxonomy display types
- Other issues in taxonomy displays

--------------------------------------------------

- Thesaurus – term focused (alphabetical)
- Taxonomy – hierarchy focused (categorical)
Different Displays for Different Users

- End-user searchers
- Human indexers or taggers
- Taxonomists
- Subject-area researchers
Different Displays for Different Users

- **End-user searchers** - using the taxonomy to find specific content or discover information
- **Human indexers or taggers** - using the taxonomy to index or tag content
- **Taxonomists** - searching and browsing the taxonomy in order to update and maintain it
- **Subject-area researchers** - using the taxonomy to better understand a subject area (without seeking linked content)
Different Displays for Different Users

- Thesaurus displays
  - For taxonomists, human indexers, subject-area researchers, and occasionally end-user searchers
  - Alphabetical variations
- Taxonomy displays
  - For end-user searchers
  - Alphabetical, hierarchical, and/or faceted
Thesaurus Display Types

- Simple list
- Flat format
- Full term hierarchy
- Top term hierarchy
- Permuted/Rotated index

- All are alphabetical
Thesaurus Display: Simple List

- **Simple list** – terms listed alphabetically without details
- Select/click on a term to get its details
- Nonpreferred terms are interspersed in the list.

Next slide example: National Agriculture Library Thesaurus (http://agclass.nal.usda.gov)
Browse A-Z view, with additional screenshot of selected nonpreferred term and selected preferred term details overlaid
Search Results: Click on term to display record

- H-1 virus
- Habenaria
- habit (plant form)
- habitat conservation
- habitat destruction
- habitat edges
- habitat fragmentation
- habitat preferences
- habitat preservation
- habitat protection
- habitat restoration
- habitats
- HabrGV (Harrisina brillians)
- Habrobracon
- Habrochila
- Habrochila ghesquierei
- Habrochila laeta
- Habrochila placida
- Habronema
- Habronematidae
- Habropoda
- HACCP
- hackled orb weavers
- Hacquetia
- haddock
- HAdV-1 (Human adenovirus)

next page

habit (plant form)

Use
plant architecture

habitat conservation

Definition
The preservation, maintenance, protection, restoration and enhancement of habitats for wild species.

Definition Source
NAL Thesaurus Staff

Spanish
conservación del hábitat

Used For
- conservation of habitats
- conservation, habitat
- habitat preservation
- habitat protection
- habitat restoration

Broader Term
natural resource management

Related Term
- conservation areas
- conservation practices
- habitats
Thesaurus Display: Flat Format

- **Alphabetical flat format** – lists terms with all their immediate relationships (UF, BT, NT, RT) and notes if any
- Also known as a **term record**
- Often the default alphabetical display for a thesaurus

**Preferred term name**

SN: Scope note text
- UF: Non-preferred term
- BT: Broader term
- NT: A narrower term
- NT: Another narrower term
- RT: A related term
- RT: Another related term
### A level

<table>
<thead>
<tr>
<th>FD</th>
<th>FR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Learning (3)</td>
<td>baccalauréat</td>
</tr>
</tbody>
</table>

**SN** Certificate of Education Advanced Level (A Level) is normally awarded at the end of 2 years of post-compulsory general education to pupils who meet the required standards. It is a qualification for entry to higher education (Eurydice).

<table>
<thead>
<tr>
<th>UF</th>
<th>BT</th>
</tr>
</thead>
<tbody>
<tr>
<td>school leaving certificate</td>
<td>certificate</td>
</tr>
</tbody>
</table>

**ability**

**USE** aptitude

**Abruzzi**

<table>
<thead>
<tr>
<th>FD</th>
<th>FR</th>
<th>BT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Countries and regions (14)</td>
<td>Abruzzes</td>
<td>Italy</td>
</tr>
</tbody>
</table>

**absenteeism**

<table>
<thead>
<tr>
<th>FD</th>
<th>FR</th>
<th>BT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enterprise (7)</td>
<td>absentéisme</td>
<td>work attitude</td>
</tr>
</tbody>
</table>

**academic degree**

<table>
<thead>
<tr>
<th>FD</th>
<th>FR</th>
<th>UF</th>
<th>BT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Learning (3)</td>
<td>diplôme universitaire</td>
<td>college degree</td>
<td>certificate</td>
</tr>
<tr>
<td></td>
<td>university degree</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>higher education graduate</td>
<td>university studies</td>
<td></td>
</tr>
</tbody>
</table>

---

**Example:**

European Training Thesaurus

FD = field; FR = French


Thesaurus Display: Full term hierarchy

- **Full term hierarchy** – terms with multiple relationship levels displayed at each (such as BT1, BT2, etc.; NT1, NT2, etc.)
- Full hierarchy indicated from each individual term, still listed alphabetically
- Two kinds of full term hierarchy displays (1) multilevel and (2) two-way hierarchy.

Next slide example: National Agriculture Library Thesaurus (http://agclass.nal.usda.gov)
Browse A-Z view, with additional screenshot of selected nonpreferred term and selected preferred term details overlaid
Thesaurus Display: Full term hierarchy

Multi-Level Hierarchy

**Recreation facilities**
- UF: Recreation centers
- UF: Recreational facilities
- NT1: Amusement parks
- NT1: Athletic facilities
  - NT2: Fitness centers & gyms
  - NT2: Skating rinks
  - NT2: Swimming pools
  - NT2: Tennis courts
- NT1: Bowling alleys
- NT1: Golf courses
- NT1: Skiing facilities
- NT1: Stadiums & arenas
- BT1: Public buildings & facilities
  - BT2: Facilities & Infrastructure

Two-Way Hierarchy

- : : Facilities & Infrastructure
  - : Public buildings & facilities
  - Recreation facilities
    - Amusement parks
    - Athletic facilities
      - Fitness centers & gyms
      - Skating rinks
      - Swimming pools
      - Tennis courts
    - Bowling alleys
    - Golf courses
    - Skiing facilities
    - Stadiums & arenas
Thesaurus Display: Top term hierarchy

- **Top term hierarchy** – alphabetical listing of only the highest level terms (rather than all terms) with hierarchies under each
- Relatively flat taxonomies have numerous top terms.
- More hierarchical taxonomies have fewer top terms.
Thesaurus Display: Top term

In a hierarchical thesaurus:

Politics & Government
  . Domestic policy & programs
  .. Agricultural policy
  .. Economic policy
  ... Monetary policy
  ... Fiscal policy
  .. Energy policy
  .. Health policy & programs
  .. Social policy
  . Foreign policy
  .. Appeasement
  .. Bilateralism
  .. Foreign assistance
  ... Foreign military assistance
  .. Foreign intervention
  .. Unilateralism

In a flatter thesaurus:

Political actions
  . Campaigning
  . Lobbying
  . Political protests

Political ideologies
  . Conservatism
  . Environmentalism
  . Liberalism
  .. Socialism

Politicians
  . Political office holders
  . Political candidates
Thesaurus Display: Permutated/Rotated

- **Permutated/Rotated index** – terms listed by their component words, i.e. an alphabetic list of words within terms.

- Variations are:
  - KWIC (keyword in context)
  - KWOC (keyword out of context)

- No longer common, now that simple search engines can search for words within terms.
Thesaurus Display: Permutted/Rotated

KWIC term display example:

- Economics
- Agricultural economics
- American Economics Association
- Classical economics
- Comparative economics
- Economics
- Economics historians
- Economics literature
- Economics theorists
- Environmental economics
- Home economics
- Industrial economics
- Keynesian economics

KWOC term display example:

- Economics
- Agricultural economics
- American Economics Association
- Classical economics
- Comparative economics
- Economics
- Economics historians
- Economics literature
- Economics theorists
- Environmental economics
- Home economics
- Industrial economics
- Keynesian economics
Thesaurus Display: Search for term

As an alternative to Permuted/Rotated display

![Thesaurus: Search interface](image-url)
Thesaurus Displays: Summary

- Thesaurus displays more suitable for indexers:
  - Simple list
  - Flat format
- Thesaurus displays more suitable for taxonomists and subject-area researchers:
  - Flat format
  - Full-term hierarchy
  - Top-term hierarchy
- Thesaurus displays more suitable for end-users:
  - Simple list
  - Top term hierarchy (only if highly hierarchical)
Taxonomy Display Types

- Hierarchical
  - One level per screen
  - Expandable tree hierarchy
- Faceted
- Combinations

- Hierarchical vs. faceted depends more on nature of content than on users.
Taxonomy Displays: Hierarchies

Taxonomy Hierarchies:

- Each term has a broader (parent) and/or narrower (child) term that it’s related to
- Terms have multiple narrower terms
- Terms usually have only one broader term, but more than one (polyhierarchy) might be permitted.
- Emphasizes categorization, classification, sorting
- Involves navigating from the top down
- Also known as “tree” structures
Taxonomy Displays: Hierarchies

Motor vehicles

Cars

Sedans

Motorcycles

Minivans

Trucks

Pickup Trucks
Taxonomy Displays: Hierarchies

Hierarchical display options

- One level per web page
- Expandable tree
  - In same column
  - In second column
Taxonomy Displays: Hierarchies

One level per displayable web page

Next 3 slides example: ThomasNet product/service company directory (http://www.thomasnet.com/browse)
Browse Categories

**Adhesives & Sealants**
Tapes, Adhesives, Sealants, Film, Epoxies, Glue, Paste, Applicators & Dispensers, Equipment, more...

**Automation & Electronics**
Automation Equipment, Electronic Components, Automation Systems, Electronic Equipment, Optical Components, more...

**Chemicals**
Coatings & Finishes, Compounds, General Chemicals, Wax, Inks, Acids, Colors & Pigments, Additives, Agents, Elements, Alcohols, more...

**Custom Manufacturing & Fabricating**
Cutting Services, Fabricating, Finishing Services, Machining, Castings, Stampings, Assemblies, Contract Manufacturing, Assembly Services, more...

**Electrical & Power Generation**
Transformers, Batteries, Electrical Components, Generators, Electrical Equipment, more...

**Engineering & Consulting**
Contractors, Consultants, Engineering, Software, Laboratories, Environmental Services, Designers, more...

**Hardware**
Gaskets & Washers, Seals & Rings, Fasteners, Fittings, Handles, Chains, Hooks, Locks, Hinges, Plugs, O Rings, more...

**Instruments & Controls**
Controllers & Controls, Flowmeters, Inspection Services, Test Equipment, Switches, Meters, Gages, Sensors, Instruments & Instrumentation, Monitors, Scales, more...

**Machinery, Tools & Supplies**
Machine Parts, Machinery, Tools, Cleaners & Cleaning Equipment, Bearings, Engines & Motors, Filters, Machine Tools, more...

**Materials Handling**
Tanks, Conveyors, Handling Equipment, Labels & Tags, Bags, Racks & Shelving, Hoppers & Feeders, Containers, more...

**Metals & Metal Products**
Wire & Wire Products, Steel, Alloys, Metals, Aluminum, Copper & Copper Alloys, Foil, Specialty & Exotic Metals, Metal Products, more...

**Plant & Facility Equipment**
Building Products, HVAC, Safety Equipment, Building Facilities Equipment, Office Equipment & Supplies, more...

**Plastics & Rubber**
Elastomers, Latex, Plastics, Fibre, more...

**Process Equipment**
Mixers, Heat Exchangers, Boilers, Vessels, Furnaces, Heaters, Process Equip. & Components, Ovens, Dryers, Burners, Chambers & Enclosures, more...

**Pumps, Valves & Accessories**
Pipe, Pumps, Valves, Tubes & Tubing, Hose, more...

**Other**
Apparel, Medical, Marine, Aerospace & Aircraft, Vehicles, Textiles, Railroad, more...
Adhesives & Sealants

Displaying 1 to 9 out of 9 "Adhesives & Sealants" categories

1. Adhesives
2. Applicators & Dispensers
3. Epoxies
4. Equipment
5. Film
6. Glue
7. Paste
8. Sealants
9. Tapes

Adhesives & Sealants info:

Adhesives are natural or synthetic substances primarily used as glue. The first natural adhesives date back thousands of years, from trees, plants, starches, flour, and certain animal skins. In ancient times, these organic materials were mixed with water to create a paste. Over time, adhesive production has become a more varied and complex process. The development of synthetic, thermoplastic, and pressure-sensitive adhesives has improved the durability and range of use for this product. Adhesives now play a vital industrial role, whether they are used in close simple machine fractures.
### Adhesives

Displaying **1 to 50** out of 127 "Adhesives" categories

| 1. Adhesive Accelerators (19 companies) | 26. Custom Adhesives (199 companies) |
| 2. Adhesive Dots (38 companies) | 27. Cyanoacrylate Adhesives (147 companies) |
| 3. Adhesives (5,394 companies) | 28. Die Attached Adhesives (6 companies) |
| 4. Acrylic Adhesives (112 companies) | 29. Duct Liner Adhesives (14 companies) |
| 5. Aerosol Adhesives (291 companies) | 30. Elastic Adhesives (12 companies) |
| 6. Aerospace Adhesives (141 companies) | 31. Electrical Potting Adhesives (32 companies) |
| 7. Anaerobic Adhesives (239 companies) | 32. Electron Beam (EB) Curable Adhesives (6 companies) |
| 8. Apparel, Clothing & Garment Adhesives (10 companies) | 33. Electronically Clean/Low Outgassing Adhesives (9 companies) |
| 9. Appliance Adhesives (23 companies) | 34. EMI Adhesives (14 companies) |
| 10. Auto Glass Replacement Adhesives (13 companies) | 35. Epoxy Adhesives (2,472 companies) |
| 11. Automotive Adhesives (169 companies) | 36. FDA Compliant Adhesives (19 companies) |
| 12. Boat & Marine Adhesives (40 companies) | 37. Fiber Optic Adhesives (17 companies) |
| 13. Bridge Repair & Rehabilitation Adhesives (14 companies) | 38. Film Laminating Adhesives (56 companies) |
| 14. Bromine Free Adhesives (2 companies) | 39. Fire Resistant Adhesives (42 companies) |
| 15. Building & Construction Adhesives (140 companies) | 40. Flocking Adhesives (9 companies) |
| 16. Carpet Adhesives (42 companies) | 41. Floor, Floor Covering & Flooring Adhesives (80 companies) |
| 17. Ceramic Adhesives (33 companies) | 42. Foam Adhesives (96 companies) |
| 18. Cloth, Fabric & Textile Adhesives (52 companies) | 43. Foam Bonding Adhesives (56 companies) |
| 19. Coating Adhesives (117 companies) | 44. Food Packaging Adhesives (29 companies) |
| 20. Cohesive Adhesives (32 companies) | 45. Food Packaging Adhesives (13 companies) |
| 21. Concrete Repair Adhesives (45 companies) | 46. Footwear Adhesives (6 companies) |
| 22. Electrically Conductive Adhesives (149 companies) | 47. Gasket Adhesives (71 companies) |
| 23. Construction Adhesives (82 companies) | 48. Glass Adhesives (56 companies) |
| 24. DOT Construction Adhesives (24 companies) | 49. Golf Club Adhesives (13 companies) |
Taxonomy Displays: Hierarchies

One level per web page

Advantages:
- Large number of terms can display at each level
- Works well with polyhierarchies
- Technically easy to implement

Disadvantages:
- Display takes entire screen width, so search results don’t display on same screen or are pushed lower down
- Users see only one level at a time
- Less appropriate for taxonomies with varied/inconsistent levels or levels containing just one or a few terms
- May lack method to indicate whether a level is final or contains more lower levels
Taxonomy Displays: Hierarchies

Expandable tree, within the same column

Next slide example: Search Harmony Presentation layer from Access Innovations and PerfectSearch, covering content of the National Information Center for Educational Media
(www.accessinn.com:8081/PerfectSearch/navtree/index.html)
Local News
Descriptors: Television news programs, Broadcast journalism

doc.jsp?uri=NicemData/nice50/nicem.0507245.Acclnov

To Work a Miracle
Local News Series ENGLISH Local News Series ENGLISH Follows the struggles of a local TV news team as it deals with racial tensions and ethical dilemmas. Part of a series that sheds light on the production of local news shows, and the difficult issues and human conflicts that can arise.
Descriptors: Television news programs, Broadcast journalism

doc.jsp?uri=NicemData/nice50/nicem.0507246.Acclnov

Changes and Consequences
Local News Series ENGLISH Local News Series ENGLISH Focuses on the managerial and public relations challenges that the managers of a local TV news program face when they terminate a long-time news reporter. Part of a series that sheds light on the production of local news shows, and the difficult issues and human conflicts that can arise.
Descriptors: Television news programs, Broadcast journalism

doc.jsp?uri=NicemData/nice50/nicem.0507248.Acclnov

A Working Team
Local News Series ENGLISH Local News Series ENGLISH Profiles a local TV news director as he deals with the rejection that is a frequent result of necessary personnel decisions. Part of a series that sheds light on the
Example: USA Today
http://content.usatoday.com/community/tags/topic-index.aspx
Taxonomy Displays: Hierarchies

Expandable tree

Advantages:
- Hierarchy is obvious to the user
- Supports visualization and interactive use of the taxonomy
- Presence of plus signs indicates presence of deeper levels
- Accommodates inconsistent numbers of terms per level
- Display takes up only part of screen

Disadvantages:
- Insufficient for displaying very large taxonomies or large numbers of terms at the same level
- Does not support polyhierarchies as well due to space limitations, and could be confusing too
- More complex to develop and may take more time to load display
Taxonomy Displays: Hierarchies

Decision-making issues

- Deciding the number of levels and the number of terms per level
- Deciding the arrangement of the term hierarchy
- Named entities (proper nouns) within subject hierarchies or not
Taxonomy Displays: Hierarchies

Named entities separate out in hierarchies:

<table>
<thead>
<tr>
<th>Hierarchy for Politics &amp; Government</th>
<th>Specific examples for U.S. federal departments</th>
</tr>
</thead>
<tbody>
<tr>
<td>International law enforcement agencies</td>
<td>Environmental Protection Agency</td>
</tr>
<tr>
<td>U.S. county law enforcement agencies</td>
<td>Federal Reserve System</td>
</tr>
<tr>
<td>U.S. federal law enforcement agencies</td>
<td>Food &amp; Drug Administration</td>
</tr>
<tr>
<td>U.S. municipal law enforcement agencies</td>
<td>Joint Chiefs of Staff</td>
</tr>
<tr>
<td>U.S. state law enforcement agencies</td>
<td>National Highway Traffic Safety Administration</td>
</tr>
<tr>
<td>Legislative bodies</td>
<td>Securities Exchange Commission</td>
</tr>
<tr>
<td>International legislative bodies</td>
<td>U.S. Dept. of Agriculture</td>
</tr>
<tr>
<td>National &amp; federal legislatures</td>
<td>U.S. Dept. of Commerce</td>
</tr>
<tr>
<td>State &amp; provincial legislatures</td>
<td>U.S. Dept. of Defense</td>
</tr>
<tr>
<td>U.S. federal departments &amp; agencies</td>
<td>U.S. Dept. of Education</td>
</tr>
<tr>
<td>International governmental organizations</td>
<td>Add to Frame of Reference</td>
</tr>
<tr>
<td></td>
<td>View Wiki</td>
</tr>
<tr>
<td></td>
<td>View Specific Organizations</td>
</tr>
</tbody>
</table>
Taxonomy Display: Hierarchy Issues

- Term sort order (at a given level)
  - Alphabetical or other logical order
- Term names
  - In context of broader term or unambiguous
- Top term usage
  - As indexing terms or as nonindexable labels
- Recursive retrieval
  - Broader term additionally retrieves content indexed with all narrower terms or not
Taxonomy Displays: Facets

- For serving faceted classification, which allows the assignment of multiple classifications to an object
- A “dimension” of a query; a type of concept
- Intended for searching with multiple terms in combination (post-coordination), one from each facet
- Reflect the domain of content
- Similar, but not identical, to a single hierarchy
- May contain internal hierarchy or may not
Taxonomy Displays: Facets

Examples:

Buzzillions product reviews
   http://www.buzzillions.com

Shoebuy retail site
   http://www.shoebuy.com/s.jsp/r_as

Microbial Life Educational Resources
   http://serc.carleton.edu/microbelife/resources

My recipes
   http://search.myrecipes.com
Advanced Search

Please select one or more dropdowns below and then click the Search button. The more selections you make, the fewer items will appear.
Results 1 - 10 of 900 matches

Yellowstone Resources and Issues Guide - Astrobiology part of SERC Web Resource Collection

This report explores the connection between geomicrobiology and astrobiology, explaining NASA's interest in the natural history of Yellowstone National Park. Multi-institution research teams are ...

Subject: Biology; Astrobiology, Microbiology, Ecology; Metabolism, Biology; Evolution, Diversity
Resource Type: Scientific Resources; Overview/Reference Work

Microbiology in Yellowstone National Park part of SERC Web Resource Collection
http://www.vfcd.org/resources/reports/article5.htm

This site describes how Yellowstone National Park is a focal point for cutting-edge microbiology research and how it provides a valuable setting for outreach education. Topics include questions for ...

Subject: Biology; Biology; Microbiology
Resource Type: Scientific Resources; Overview/Reference Work

Eukaryotes in Extreme Environments part of SERC Web Resource Collection
http://www.nhm.ac.uk/zoolibrary/extreme.html

This article is a compillation of information about free-living eukaryotes in extreme environments. Written in summary form, it includes anaerobes, thermophiles, psychrophiles, acidophiles, ...

Subject: Biology; Biology; Diversity, Microbiology, Biology
Resource Type: Scientific Resources; Overview/Reference Work

Mono Lake Microbial Diversity part of SERC Web Resource Collection
http://www.molnlake.usgs.gov/reports/Mono_Lake_Microbial ...

This is a survey reporting the phylogenetic diversity of Mono Lake bacteria as conducted by the Mono Lake Microbial Observatory. Samples were collected from different layers of the lake and analyzed ...

Subject: Biology; Biology; Diversity; Conclusus, Biology, Microbiology; Ecology; Metabolism
Resource Type: Scientific Resources; Research Results

Ice Cube of Exotic Microbes part of SERC Web Resource Collection

This article describes a permafrost subglacial lake discovered beneath Antarctica. The lake offers scientists a chance to test their sterile drilling techniques before exploring elsewhere.

Subject: Biology; Biology; Aquatic, Microbiology, Ecology; Metabolism
Resource Type: Research Reports; Research Results

Ocean Environments
Coastal and Estuarine 195 matches
Shallow Sea Floor/Continental Shelf 32 matches
Deep Sea Floor/Abyssal 46 matches
Surface Waters 91 matches
Deep Waters 29 matches

Grade Level: Primary (K-2) 22 matches
Sea Vent Viewer part of SERC Web Resource Collection
http://www.nsf.gov/news/overviews/earth-environ/interact...
This web site serves as an educational overview of National Science Foundation (NSF) earth and environmental science research focusing on hydrothermal vent systems. It features an interactive viewer ...

We're in Hot Water Now: Hydrothermal Vents part of SERC Web Resource Collection
http://www.nationalgeographic.com/xpeditions/lessons/07/...
In this National Geographic lesson, students will use National Geographic's Yellowstone internet module to learn about the processes that drive geysers. The activity involves learning about ...

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Jambalaya
Real Simple, DECEMBER 2004

Weeknight Ravioli Lasagna
All You, MARCH 2009

Green Bean Casserole
Oxmoor House, FEBRUARY 2006

Ravioli with Roasted Zucchini
Real Simple, APRIL 2005

Lemon-Stuffed Grilled Branzino
Food & Wine, SEPTEMBER 2009

Smoked Trout-and-Horseradish Spread
Southern Living, DECEMBER 2006

Artichoke, Spinach, and Feta Stuffed Shells
Cooking Light, DECEMBER 2006
Taxonomy Displays: Facets

Advantages
- Supports more complex search queries by users
- Allows users to control the search refinement, narrowing or broadening in any manner or order

Disadvantages
- Only suitable for somewhat structured, unified type of content that all share the same multiple facets
- Does not support “advanced search” of multiple terms selected at once (“or”) from the same facet
- Requires investment of thorough indexing/tagging
Hierarchies & Facets Combined

Hierarchies of topics, then facets to narrow:

ThomasNet business directory
   http://www.thomasnet.com

Buzzillions product reviews
   http://www.buzzillions.com

Amazon.com
   http://www.amazon.com
Epoxy Adhesives Suppliers

Displaying 1 to 5 out of 2,472 results

- Ellsworth Adhesives - Locations
  Distributor, Manufacturer, Custom Manufacturer
  Company Profile: Distributor of nearly 300 different epoxy adhesive products.
  Brand Names: 3M, 5 Minute Epoxy, Albion, Alloy Products, Armstrong, BD, Bennett, Black Max, Bondmaster, Bostik...

- Master Bond, Inc. - Hackensack, NJ
  Manufacturer, Custom Manufacturer, Service Company
  Company Profile: Manufacturer of epoxy resin adhesives including 1 & 2 component systems & custom manufacturer speciality epoxy adhesives with heat & UV cure. Application engineering & technical support provided. Properties inc. specific gravity, viscosity, gap filling, hardness, electrical insulation, chemical...

- Loctite Industrial, Henkel Corp. - Rocky Hill, CT
  Distributor, Manufacturer, Custom Manufacturer
  Company Profile: ISO 9001:2000 certified manufacturer & distributor of epoxy adhesives. Features include shock resistance, room temperature cure, low out gassing & low permeability to gases & vapors. Epoxy adhesives are resi to water, weather, oxygen, ozone, petroleum products, mild acids & alkali. Specifications...
  Brand Names: Adhesin, Bonderite, Hysol, Liofoi, Loctite, Technomelt, Teroson

- Henkel Corporation - Locations
  Distributor, Manufacturer, Custom Manufacturer
  Company Profile: ISO 14001, ISO 9001, ISO/TS 16949 & AS 9100 certified manufacturer & distributor of adhesives including coating, electrical potting & epoxy adhesives. Types include water based adhesives, res treatment coating...
Printer Reviews

Printers by Category
- Inkjet Printers (355)
- Laser Printers (279)
- All-in-One Printers (276)
- Photo Printers (143)
- Mobile Printers (6)

Printers by Brand
- HP (329)
- Canon (120)
- Brother (96)
- Epson (95)
- Lexmark (79)

Printers by Price
- $0 to $50 (122)
- $50 to $200 (346)
- $200 to $500 (228)
- $500 to $1000 (100)
- $1000 to $2000 (69)

More
- Greenness

Displaying 1 - 10 of 1142 Products

HP Photo Printer Reviews

Photo Printers by Pros
- Easy to use (6)
- Easy setup (6)
- Reliable (6)
- Sharp tones & colors (6)
- Fast print time (6)

Photo Printers by Use
- Everyday images (6)
- Color photos (3)
- Black & white photos (2)
- Portraits (1)
- Art prints (1)

Photo Printers by Price
- $50 to $75 (1)
- $75 to $100 (4)
- $100 to $125 (2)
- $125 to $150 (5)
- $150 to $175 (2)

More
- Greenness

You selected: [x] HP [x] Casual user [x] $50 to $200
Further Reading

Questions/Contact

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