# UDC and folksonomies

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*Misli s svojo glavo.*

University of Ljubljana, Faculty of arts, 1919-2009

# Research questions

- Are terms used as tags in folksonomies included in the UDC?
- Which facets of the UDC match characteristics of documents of information objects that are tagged in folksonomies?

- Content analysis and comparison to UDC MRF 2006 Slovenian ed.

# Folksonomies in the sample

Tags for soundtrack The Little Mermaid in **Amazon.com** (N=471)

disney soundtrack (8)
disney (7)
little mermaid (5)
movie soundtracks (4)
music (4)
soundtrack (4)
jodi benson (3)
mermaids (3)

cd (2)
disney cd (2)
bards and minstrels (1)
childhood (1)
favorite cd (1)
favorite disney features (1)
good cd (1)
hans christian andersen (1)

magic carpet ride (1)
musical (1)
my songs (1)
northern skies (1)
pat carroll (1)
scandinavian literature (1)
the little mermaid (1)

Most popular tags in **43 things.com** (N=198)

2007 2007 resolution 43 things 43things adventure animals appearance art balance band beauty birthday blog body book books business buy car career celebrity challenge change charity cheers children clean cleaning clothes college communication community computer computers confidence cooking craft crafts create creative creativity culture daily dance design diet discipline disney channel dream dreams eat eating education energy entertainment environment europe exercise experience expression faith family fashion fear film finance finances financial fitness food football freedom friend friends friendship fun future games garden gerard way goal goals god growth guitar hair happiness happy health healthy help history hobbies hobby holiday home hope house independence inspiration internet job joy kids knowledge language languages learn learning life lifestyle literature live living lose weight love marriage mcr me meditation mind misspelled goal money movie movies music my chemical romance nature novel organization organize outdoors party passion peace people personal personal development pets photography photos pictures play poetry politics productivity programming read reading recognition relationship relationships relax relaxation religion romance run running school self self improvement self-improvement sex sexy shopping skill skills sleep social social interaction software speling spiritual spirituality sport sports strength study success support technology time travel tv university vacation vegetarian verbose volunteer water web website weight weight loss work world write writing yoga

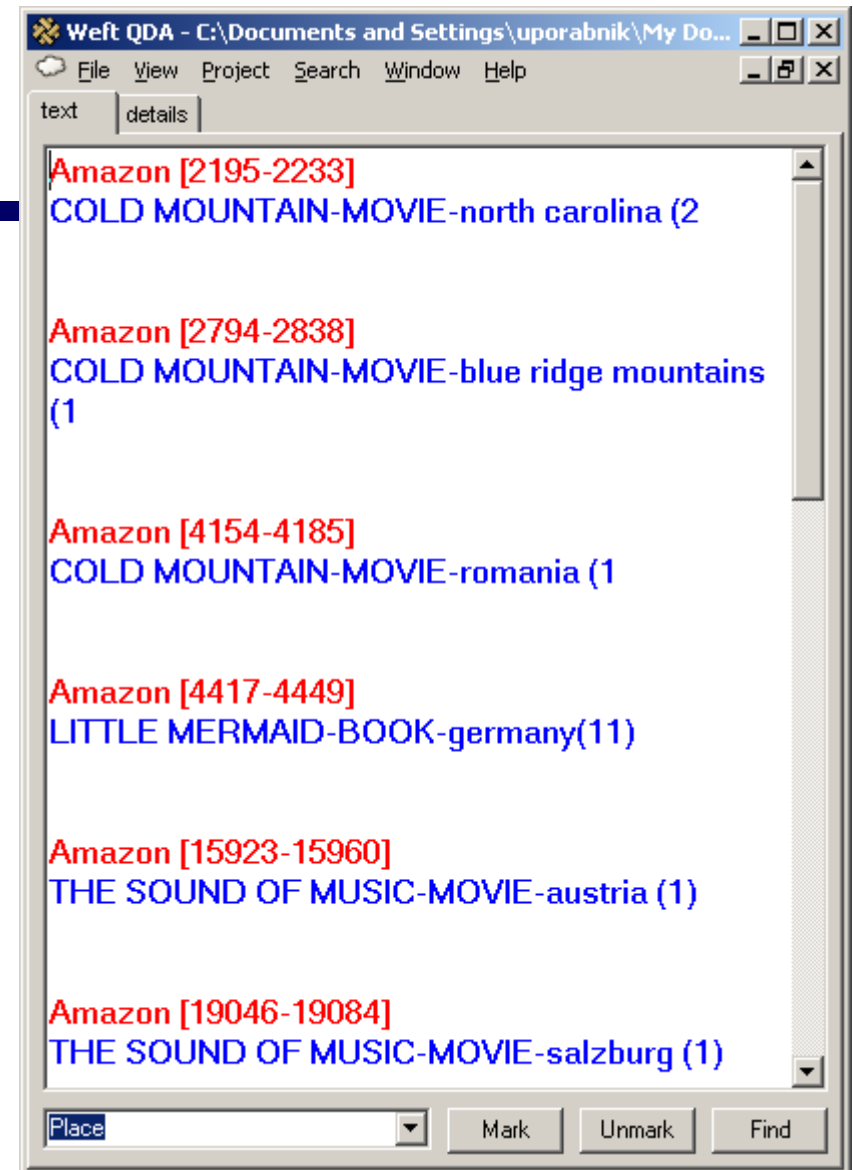A selection of most popular tags in **Del.icio.us.com** (N=197)

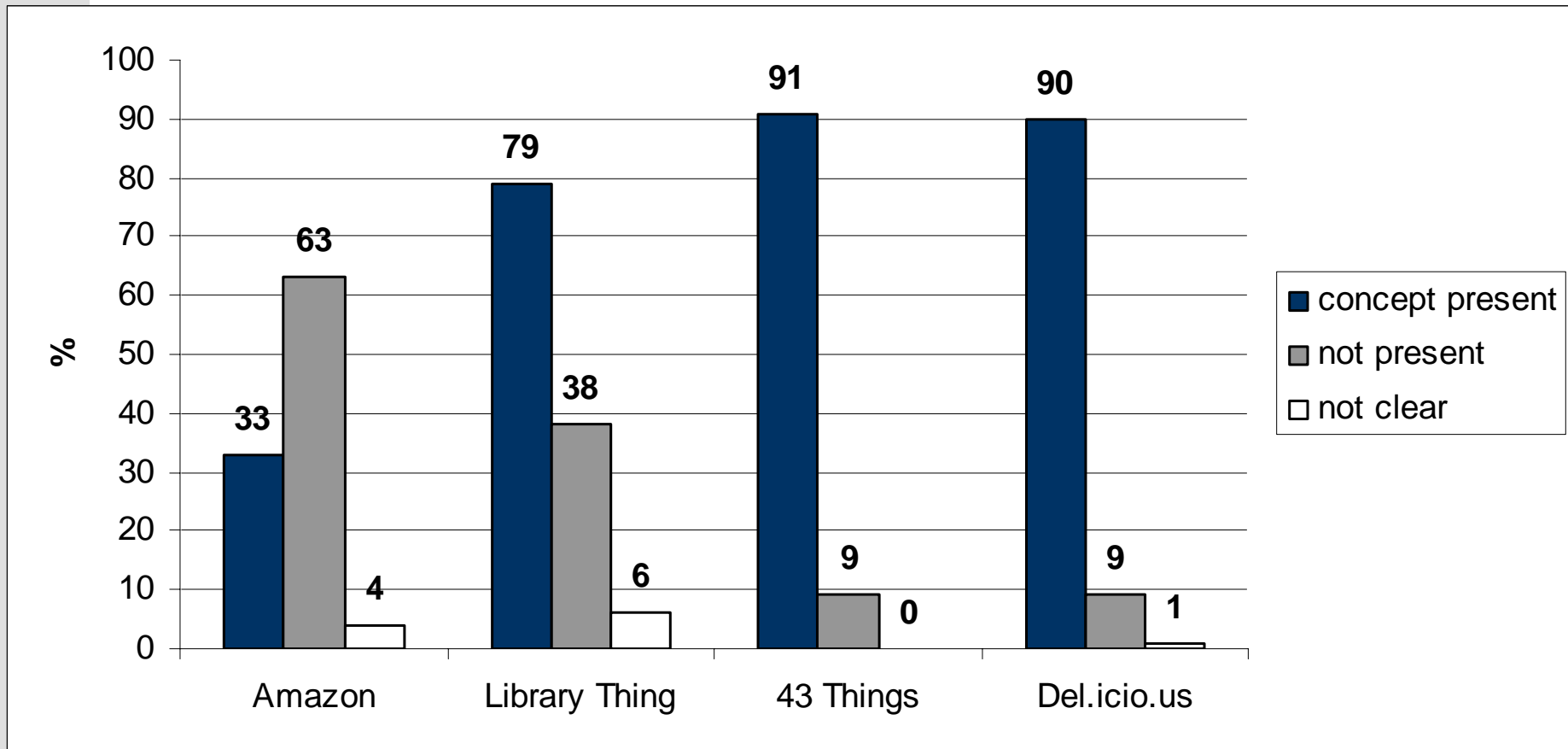| Popular Tags | |
|---|---|
| design | web |
| blog | howto |
| video | javascript |
| software | free |
| tools | linux |
| music | web2.0 |
| programming | development |
| webdesign | google |
| reference | inspiration |
| tutorial | photography |
| art | news |
| | food |
| | flash |

Tags for the book The Little Mermaid in **LibraryThing.com** (N=173)

adventure animals children Children Book children's children's books children's literature cinema Disney early childhood fairy tales fiction film fish gb Golden Book Hans Christian Andersen juvenile fiction kids Library Park Little Golden Book Little Mermaid mermaids movies ocean picture book princess read Walt Disney young adult

# Coding
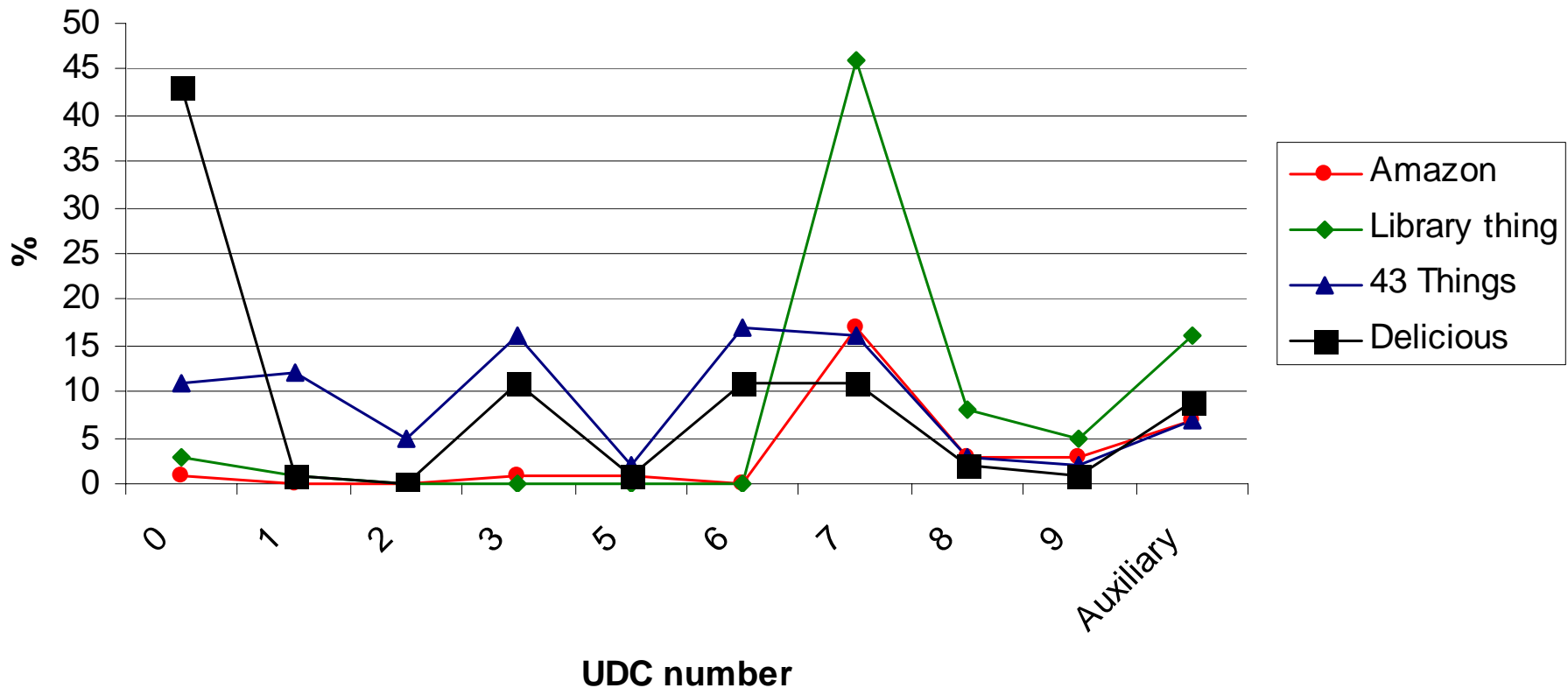
- Pre-established scheme
  - Topic, genre, place,…
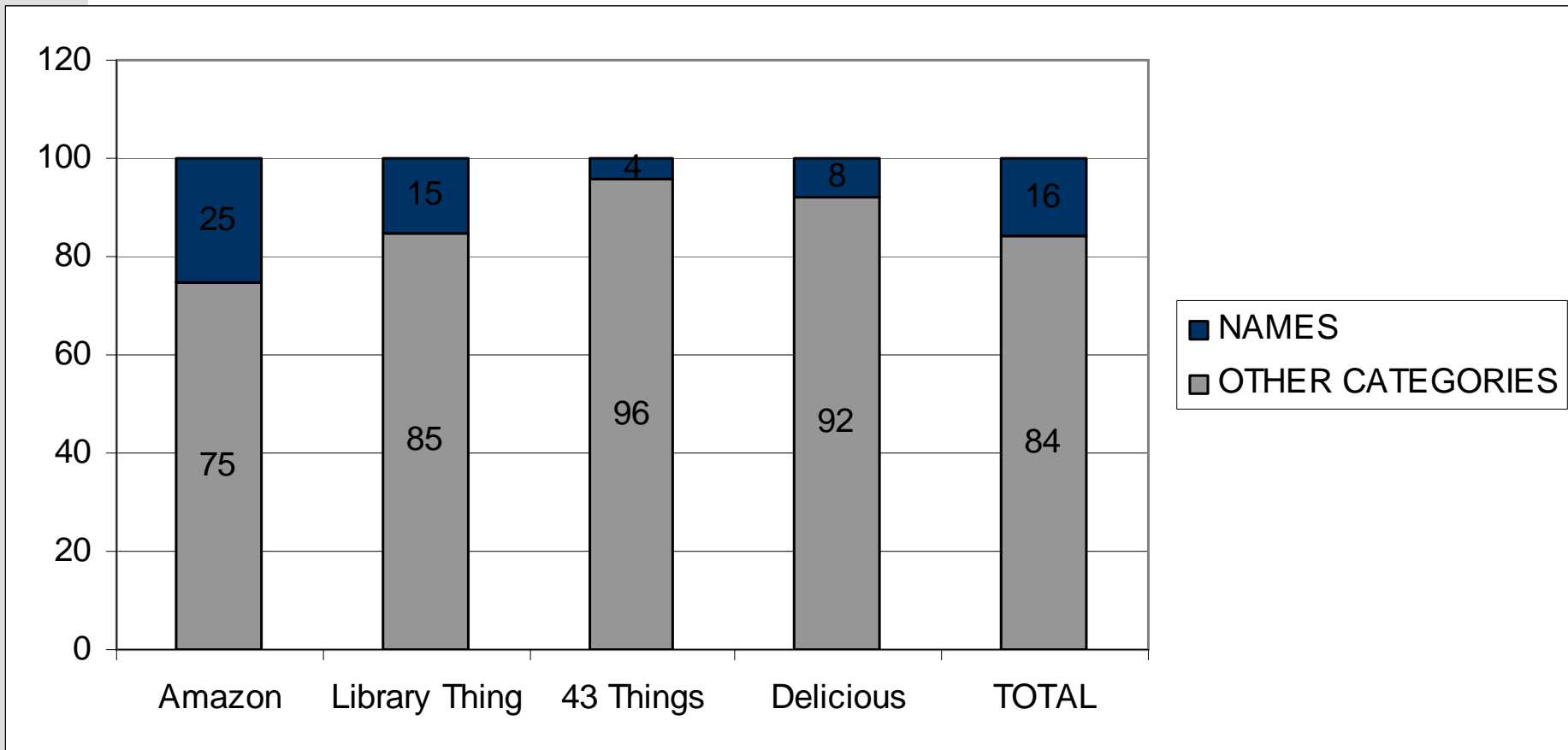- Emerging codes
  - Ownership, collection,…

# Concepts in UDC

# Percentage of concepts in classes of UDC

# Names

Artist 38%   Literary character 9%
Author 20%   Biographical 3%
Trade name 22%   Owner 3%
Title of work 17%   167 = 100%
Unknown 16%

# Attributes expressed in tags

- Topic 34% (programming)
- Name 16% (Ariel)
- Genre 11% (historical novel)
- Form 9% (movie)
- Evaluation 9% (oh brother)
- Not clear 5% (3844)
- Audience 2% (family movie)
- Series/Collection 2% (golden book)
- Related work 2% (Titanic)
- Plan/Action 2% (tbr)
- Time 2% (Christmas_2005)

- Ownership - no name 1% (my dvds)
- Gift 1% (Abby present)
- Place 1% (small town)
- Carrier 1% (DVD)
- Award 1% (Oscar 4 best pic)
- Occasion 0,5% (Mother's day)
- Experience 0,16% (enamorated as kid)
- Edition 0,16% (1st ed.)
- Accessibility 0,16% (free)

- TOTAL 100% = 1039

# Attributes

| IN UDC | IN UNIMARC | NOT IN CATALOG RECORD |
|---|---|---|
| Topic | Series | Evaluation |
| Name | Related work | Award |
| Genre | Carrier | Plan / action |
| Form | Edition | Ownership |
| Audience | Accessibility | Gift |
| Place | Audience | Occasion |
| Time | | Experience |
| Carrier | | |

# **Surprises**

- Repetition of data
  - Title proper
  - Other bibliographic data: edition, series, accessibility, URL
  - Form (movie)
  - Medium (DVD)
- Evaluation
- Names
- Ambiguous terms

# Guiding users through tagging

- Optional form
  - Personal names and roles (authority files)
  - Places (thesauri of geographical names)
  - Topic (UDC)
  - Genre (UDC, UNIMARC)
  - Medium, form (UDC, UNIMARC)
  - Time (UDC, ISO)
  - Awards
  - Evaluation
  - Etc.

# Answers

- Are terms used as tags in folksonomies included in the UDC?
  - 80% yes in total
- Which facets of the UDC match characteristics of documents of information objects that are tagged in folksonomies?
  - Topic, genre, form, medium, audience, time, place
- UDC is universal