Building Community for Semantics

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In summary

• New initiative
• Publishers to share
  • Experiences
  • Best practice
  • Contacts
• How we use taxonomies
Semantics for Publishers

Automated Indexing

Subject Categorization
Semantics for Publishers

Taxonomies

Automated Indexing

Subject Categorisation
Taxonomies

• Knowledge Models
  • Thesaurus
  • Taxonomies
  • Entity lists

*e.g.* MESH, SNoMed, FundRef, Ringgold
The Formation of the Taxonomy Interest Group

Realization that many publishers had

- Investments in technology
- Created thesauri
- Were learning about
  - Thesaurus management
  - Application of controlled vocabularies
  - Semantic services
Taxonomies Interest Group

- Supported by CrossRef
- Members from de Gruyter, Wiley, T&F, ACM, APA, and IOP
- To share experiences with different knowledge models
Aims

- Show **which** knowledge models are being used by **whom**, **how**, and for **what purpose**

- Facilitate exchange, discussion, sharing of experiences, standardization, best practices

- Provide contact information
Features

• Pages for Knowledge Models and Publishers
• Comments
• Knowledge Model Template
• Presentations
• Discussion Forum
http://taxonomies.labs.crossref.org/
http://taxonomies.labs.labs.crossref.org/

CrossRef Taxonomy Interest Group

De Gruyter
IOP Publishing
Wiley

Knowledge Models
General Linguistics Taxonomy
Medical Subject Headings (MeSH)
SNOMED CT
IOP Thesaurus
PLOS Thesaurus
Unified Astronomy Thesaurus

Publisher Profiles
DE GRUYTER

Name of Publisher:
De Gruyter

URL:
http://www.degruyter.com

Short Description:
The independent academic publisher De Gruyter can look back at a company history of over 260 years. Today, the De Gruyter group publishes over 1,300 new titles each year in the humanities, STM and law, more than 650 subscription based or Open Access journals, and a variety of digital products.

The company is headquartered in Berlin, with offices in Basel, Beijing, Boston and Munich.

Under its umbrella brand De Gruyter, the company runs the imprints of De Gruyter Akademie Forschung, Birkhäuser, De Gruyter Mouton, De Gruyter Open, De Gruyter Oldenbourg, and De Gruyter Saur.

Knowledge Models Used:
• General Linguistics Taxonomy
• MeSH (German translation)
• ICD-IOGM
THESAURUS OF PSYCHOLOGICAL INDEX TERM®

SHORT DESCRIPTION/ABOUT

The Thesaurus of Psychological Index Terms® is the controlled vocabulary used by APA’s professional indexers to index all of APA’s databases: PsycINFO®, PsycARTICLES®, PsycBOOKS®, PsycEXTRA®, PsycTESTS®, PsycTHERAPY®, and PsycCRITIQUES®. With the wide variety of concepts and vocabulary used in the psychological literature, search and retrieval of specific psychological concepts is virtually impossible without the controlled vocabulary of the Thesaurus. It provides a way of structuring the diverse concepts in the field of psychology to assist in the creation of efficient and consistent indexing. The Thesaurus, first published in 1974, has an influential role in research because it reflects the most current trends found in the behavioral and social science literature. The Thesaurus can help authenticate the use of terms as they become accepted nomenclature.

URL OF KNOWLEDGE MODEL:

- www.psycnet.apa.org

OWNED/DEVELOPED BY:

1. Name of Owner: The American Psychological Association
2. Name of Developer: Ian Galloway
http://taxonomies.labs.crossref.org/

DISCUSSION FORUM

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PRESENTATIONS

Presentations about this initiative

March 2015 CrossRef Webinar

Introduction to the CrossRef Taxonomy Interest Group, this website and a case study no semantic enrichment from Wiley. Discussion and Comments invited below. 2015-03-03 Webinar CrossRef

December 2014 STM Innovations Seminar, London

5 minute ‘flash’ presentation 2014-12-03 STM Innovation Flash Presentation GMC

LEAVE A REPLY

Your email address will not be published. Required fields are marked *

Name *
Want to…

• Strengthen the infrastructure of scholarly communications
• Create standards in adoption of Knowledge Models
• Create a master source of Knowledge Models for use in enrichment processes
• Create a community of publishers
Want to...

- Help smaller publishers work with different Knowledge Models
- Encourage service providers to support the industry by adopting standards and developing new Knowledge Models where none exist
Benefits for Authors

• Standard terminology will make it easier to prepare content, using industry-agreed keywords and identifiers.
Benefits for Discovery

• A&I services and how they ingest and classify data
• Content vendors and how they tailor services for publishers
• T&DM
• Across publishers
Future Developments

• Participation from Service Providers

• In-Person meetings around industry events

• Planned Webinars
Thank You!

Please participate:
http://taxonomies.labs.crossref.org/
Time’s Up!

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