

資訊組織研討 (Seminar in Information Organization) 107 學年度下學期

藍文欽

lanw@ntu.edu.tw

圖書資訊學系第八研究室

3366-2964

LIS7013 126M0570 上課時間: 星期二 9:10-21:10 上課地點: 圖資系編目室

課程簡介：

資訊組織是藉由描述資訊物件（information objects）之載體與內容，建立代表原件之替代記錄(surrogate / representation)，並予以系統化的組織，建置成檢索工具，以幫助使用者依其資訊需求查詢、檢索、辨識、評估、及查知資料所在。本課程旨在研討圖書資訊組織與書目控制的理論基礎、原則、標準、相關問題、發展趨勢等。

課程專屬之 Mailing List：IO-Seminar-L@mail.lis.ntu.edu.tw

- 請透過 <http://list.lis.ntu.edu.tw> 加入此課程 list
- 討論事項則請寄往 IO-Seminar-L@mail.lis.ntu.edu.tw
- 課程 mailing list，可將它視同一個 email 帳號，收件人是修課的全部同學。
- 這是大家共享的園地，可分享心得、討論問題等，請多加利用。

課程參考資料：

- 卜小蝶(2007)。使用者導向之網路資源組織與檢索。臺北市：文華圖書館管理。
- 卜小蝶等著(2008)。網路主題式資源指引探討。臺北市：國家圖書館。
- 何光國(民 79)。圖書資訊組織原理。台北市：三民。
- 張慧銖(民 92)。圖書館目錄發展研究。台北市：文華圖書館管理。
- 張慧銖(2011)。圖書館電子資源組織：從書架到網路。新北市：華藝學術。
- 張慧銖等(2016)。主題分析。新北市：華藝學術。
- 張慧銖等(2017)。資訊組織。新北市：華藝學術。
- Abbas, J. (2010). Structures for organizing knowledge: Exploring taxonomies, ontologies, and other schemas. New York: Neal-Schuman Publishers.
- Auer, S., Bryl, V., & Tramp, S. (Eds.) (2014). *Linked open data: Creating knowledge out of interlinked data: Results of the LOD2 Project*. Cham: Springer International Publishing.
- Baca, M. (Ed.) (2016). *Introduction to metadata* (3rd ed.). Los Angeles: Getty Information Institute. Retrieved from: <http://www.getty.edu/publications/intrometadata/>
- Bauer, F., & Kaltenböck, M. (2012). *Linked open data: The essentials: A quick start guide for decision makers*. Vienna, Austria: Edition mono/monochrom.
- Bean, C. A., & Green, R. (2001). *Relationships in the organization of knowledge*. Dordrecht: Kluwer Academic Publishers.

- Blair, D. C. (1990). *Language and representation in information retrieval*. New York: Elsevier Science Publishers.
- Borgman, C. L. (2000). *From Gutenberg to the global information infrastructure: Access to information in the networked world*. Cambridge, Mass.: The MIT Press.
- Bowker, G., & Star, S. L. (1999). *Sorting thing out: Classification and its consequences*. Cambridge, MA: MIT Press.
- Broughton, V. (2015). *Essential classification* (2nd ed.). London: Facet Publishing.
- Caplan, P. (2003). *Metadata fundamentals for all librarians*. Chicago: American Library Association, 2003.
- Carpenter, M., & Svenonius, E. (Eds.) (1985). ***Foundations of cataloging: A sourcebook***. Littleton, Colo.: Libraries Unlimited.
- Carter, R. C. (2000). *Managing cataloging and the organization of information: Philosophies, practices, and challenges at the onset of the 21st century*. Binghamton, NY: Haworth Information Press. [Co-published simultaneously as *Cataloging & classification quarterly*, v. 30, nos. 1 and 2/3]
- Cervone, H. F., & Svensson, L. G. (Eds.) (2015). *Linked data and user interaction: The road ahead*. Berlin: De Gruyter Saur.
- Chamber, S. (Ed.) (2013). *Catalogue 2.0: The future of the library catalogue*. London: Facet.
- Chan, L. M., Richmond, P. A., & Svenonius, E. (Eds.) (1985). ***Theory of subject analysis: A sourcebook***. Littleton, Colo.: Libraries Unlimited.
- Chan, L. M., & Salaba, A. (2016). *Cataloging and classification: An introduction* (4th ed.). Lanham, MD.: Rowman & Littlefield.
- Coyle, K. (2016). *FRBR before and after: A look at our bibliographic models*. Chicago: ALA.
- Coyle, K., et al. (2017). *PCC SCS/LDAC Task Group on the Work Entity: Preliminary white paper*. Available from:
<https://www.loc.gov/aba/pcc/documents/PoCo-2017/WorkEntity%20Preliminary%20White%20Paper-2017-09-27.pdf>
- Currás, E. (2010). *Ontologies, taxonomies and thesauri in systems science and systematic*. Oxford: Chandos Publishing.
- Day, R. E. (2014). *Indexing it all: The subject in the age of documentation, information, and data*. Cambridge, MA: The MIT Press.
- Drabenstott, K. M., & Vizine-Goetz, D. (1994). *Using subject headings for online retrieval: Theory, practice, and potential*. San Diego: Academic Press.
- Eden, B. L. (Ed.) (2016). *Rethinking technical services: New frameworks, new skill sets, new tools, new roles*. Lanham, Maryland: Rowman & Littlefield.
- Foskett, A. C. (1996). *The subject approach to information* (5th ed.). London : Library Association Pub.

- Frické, M. (2012). *Logic and the organization of information*. New York: Springer.
- Godby, C. J., Wang, S., & Mixer, J. (2015). *Library linked data in the cloud: OCLC's experiments with new models of resource description*. San Rafael, California: Morgan & Claypool.
- Glushko, R. J. (Ed.). (2013). *The discipline of organizing*. Cambridge, MA: MIT Press. [本校訂有電子版]
- Green, R., Bean, C. A., & Myaeng, S. H. (Eds.) (2002). *The semantics of relationships: An interdisciplinary perspectives*. Dordrecht: Kluwer Academic Pub.
- Harpring, P. (2010). Introduction to controlled vocabularies: Terminology for art, architecture, and other cultural works (online edition). Los Angeles: Getty Research Institute. Available from: http://www.getty.edu/research/publications/electronic_publications/intro_controlled_vocab/index.html
- Hart, A. (2010). *The RDA primer: A guide for the occasional cataloger* [electronic resource]. Santa Barbara, Calif.: Linworth.
- Heath, T., & Bizer, C. (2011). *Linked data: Evolving the Web into a global data space*. San Francisco: Morgan & Claypool. HTML version: <http://linkeddatabook.com/editions/1.0/>
- Hjørland, B. (1997). *Information seeking and subject representation: An activity-theoretical approach to information science*. Westport, Conn.: Greenwood Press.
- Hlava, M. M. K. (2015). *The taxobook: History, theories and concepts of knowledge organization*. Part 1 of a 3-part series. [San Rafael, California]: Morgan & Claypool Publishers.
- Hodge, G. (2000). *Systems of knowledge organization for digital libraries: Beyond traditional authority files*. Washington, DC: The Digital Library Federation. Retrieved from: <http://www.clir.org/pubs/reports/pub91/pub91.pdf>
- Hooland, S. van, & Verborgh, R. (2014). *Linked data for libraries, archives and museums: How to clean, link and publish your metadata*. London : Facet Publishing. [Data and examples available at: <http://book.freeyourmetadata.org/>]
- Hsieh-Yee, I. (2000). *Organizing audiovisual and electronic resources for access: A cataloging guide*. Englewood, Colo.: Libraries Unlimited.
- Jin, Q. (2012). *Demystifying FRAD: Functional Requirements for Authority Data*. Santa Barbara, CA: Libraries Unlimited.
- Jones, E. & Seikel, M. (Eds.) (2016). *Linked data for cultural heritage*. Chicago: ALA.
- Jones, W., Ahronheim, J. R., & Crawford, J. (2002). *Cataloging the Web: Metadata, AACR, and MARC 21*. Lanham, Md.: Scarecrow Press.
- Joudrey, D. N., Taylor, A. G., & Miller, D. P. (2015). *Introduction to cataloging and classification* (11th ed.). Santa Barbara, California: Libraries Unlimited. [電子版]
- Jourdrey, D. N., & Taylor, A. G. (2018). *The organization of information* (4th ed.). Santa

- Barbara, California: Libraries Unlimited.
- Konstantinou, N., & Spanos, D.-E. (2015). *Materializing the web of linked data*. Cham: Springer International Publishing.
- Latif, A. (2011). *Understanding linked open data: For linked data discovery, consumption, triplification and application development*. Saarbrücken: LAP Lambert Academic Publishing.
- Mackey, T. P., & Jacobson, T. E. (2014). *Metaliteracy: Reinventing information literacy to empower learners*. Chicago: ALA.
- Mackey, T. P., & Jacobson, T. E. (Eds.) (2016). *Metaliteracy in practice*. Chicago: ALA.
- Mann, T. (1993). *Library research models: A guide to classification, cataloging, and computers*. New York : Oxford University Press.
- Marcella, R., & Maltby, A. (Eds.) (2000). *The future of classification*. Aldershot, Eng.; Brookfield, VT: Gower.
- Maxwell, R. L. (2008). *FRBR: A guide for the perplexed*. Chicago: American Library Association.
- Miller, D. R., and Clarke, K. S. (2004). *Putting XML to work in the library: Tools for improving access and management*. Chicago: American Library Association.
- Mitchell, A. M., & Surratt, B. E. (2005). *Cataloging and organizing digital resources: A how-to-do-it manual for librarians*. London: Facet Publishing.
- Oliver, C. (2010). *Introducing RDA: A guide to the basics* [electronic resource]. Chicago: American Library Association.
- Olson, H. A., & Boll, J. J. (2001). *Subject analysis in online catalogs*. Englewood, Colo.: Libraries Unlimited.
- Peters, T. A. (1991). *The online catalog: A critical examination*. Jefferson: McFarland.
- Rowley, J., & Farrow, J. (2002). *Organizing knowledge: An introduction to managing access to information* (3rd ed.). Aldershot: Ashgate.
- Sandberg-Fox, A. M. (2001). *Proceedings of the bicentennial conference on bibliographic control for the new millennium: Confronting the challenges of networked resources and the Web*. Washington, DC : Library of Congress, Cataloging Distribution Service.
Retrieved from: <http://www.loc.gov/catdir/bibcontrol/conference.html>
- Schwartz, C. (2001). *Sorting out the Web: Approaches to subject access*. Westport, Conn.: Ablex Pub.
- Shera, J. H., & Egan, M. E. (Eds.) (1951). *Bibliographic organization: Papers presented before the Fifteenth Annual Conference of the Graduate Library School, July 24-29, 1950*. Chicago: University of Chicago Press.
- Sikos L.F. (2015) *Mastering structured data on the semantic web* (pp. 59-77). Berkeley, CA: Apress.
- Smiraglia, R. P. (2001). *The nature of a work: Implications for the organization of*

- knowledge. Lanham, Md.: Scarecrow Press.
- Smiraglia, R. P. (2015). *Domain analysis for knowledge organization: Tools for ontology extraction*. Waltham, MA: Chandos Publishing.
- Smiraglia, R. P. (Ed.) (2002). *Works as entities for information retrieval*. New York: Haworth Information Press. [Co-published simultaneously as *Cataloging & classification quarterly*, v. 33, nos. 3/4]
- Smiraglia, R. P., & Lee, Hur-Li. (Eds.) (2012). *Cultural frames of knowledge*. Würzburg: Ergon-Verlag.
- Smiraglia, R. P., & Lee, Hur-Li. (Eds.) (2015). *Ontology for knowledge organization*. Würzburg: Ergon-Verlag.
- Smiraglia, R. P., Riva, P., & Žumer, M. (Eds.) (2013). *The FRBR family of conceptual models: Toward a linked bibliographic future*. London: Routledge. [Co-published simultaneously as *Cataloging & classification quarterly*, vol. 50, issue 5-7]
- Smith, G. (2008). *Tagging: People-powered metadata for the social web*. Berkeley, CA: New Riders. [大陸有中譯本]
- Spiteri, L. F. (Ed.) (2016). *Managing metadata in web-scale discovery systems*. London: Facet Publishing.
- Stuay, D. (2016). *Practical ontologies for information professionals*. London: Facet Publishing.
- Svenonius, E. (Ed.) (1989). *The conceptual foundations of descriptive cataloging*. San Diego: Academic Press.
- Svenonius, E. (2000). *The intellectual foundation of information organization*. Cambridge, Mass.: MIT Press, 2000.
- Sylva, L. (Ed.) (2014). *Cataloging and classification: trends, transformations, teaching, and training*. Uxbridge: Koros.
- Szostak, R., Gnoli, C., & López-Huertas, M. (2016). *Interdisciplinary knowledge organization*. Cham: Springer International Publishing. [本校訂有電子版]
- Taylor, A. G., ed. (2007). *Understanding FRBR: What it is and how it will affect our retrieval tools*. Westport, Conn.: Libraries Unlimited.
- W3C (2014). **RDF 1.1 primer**. Retrieved from <https://www.w3.org/TR/rdf11-primer/>
- Williamson, Nancy J., & Hudon, Michele. (1992). *Classification research for knowledge representation and organization*. Amsterdam: Elsevier.
- Wood, D., Zaidman, M., & Ruth, L. (2014). *Linked data: Structured data on the Web*. Shelter Island: Manning.
- Zhang, Y., & Salaba, A. (2009). *Implementing FRBR in libraries: Key issues and future directions*. New York: Neal-Schuman Publishers.
- Zeng, M. L., & Qin, J. (2016). *Metadata* (2nd ed.). London : Facet Publishing.
[Companion Website: <http://metadataetc.org/book-website2nd/>]

IFLA Publications

- Bekiari, C., Doerr, M., Le Bœuf, P. & Riva, P. (Eds.) (2016). *FRBRoo: A conceptual model for bibliographic information in object-oriented formalism* (version. 2.4). Retrieved from https://www.ifla.org/files/assets/cataloguing/FRBRoo/frbroo_v_2.4.pdf
- IFLA Study Group on the Functional Requirements for Bibliographic Records (1998). *Functional requirements for bibliographic records: Final report*. [FRBR] Munchen: K.G. Saur. The 2009 amended version is available from:
http://www.ifla.org/files/assets/cataloguing/frbr/frbr_2008.pdf
- IFLA Study Group on the Functional Requirements and Numbering of Authority (2007). *Functional requirements for authority data: A conceptual model*. [FRAD]. The 2013 amended version is available from:
http://www.ifla.org/files/assets/cataloguing/frad/frad_2013.pdf
- IFLA Working Group on Functional Requirements for Subject Authority Records (FRSAR) (2010). *Functional requirements for subject authority data* (FRSAD).
<http://nkos.slis.kent.edu/FRSAR/FRSAD-Report.pdf>
- ISBD Linked Data Study Group (2016). *Guidelines for use of ISBD as linked data*. Retrieved from https://www.ifla.org/files/assets/cataloguing/isbd/OtherDocumentation/guidelines-use-isbdld_082016.0.pdf
- ISBD Linked Data Study Group (2017). *Guidelines for translations of the IFLA ISBD namespace in RDF*. Retrieved from
https://www.ifla.org/files/assets/cataloguing/isbd/OtherDocumentation/guidelines-ifla_isbd-namespace-translation-_v.1.0_august2017.pdf
- Le Bœuf, P. (Ed.) (2016). *PRESSoo: Extension of CIDOC CRM and FRBRoo for the modelling of bibliographic information pertaining to continuing resources* (version 1.3). Retrieved from https://www.ifla.org/files/assets/cataloguing/PRESSoo/pressoo_v1-3.pdf
- Riva, P., Le Bœuf, P. & Žumer, M. (2017a). *IFLA library reference model: A conceptual model for bibliographic Information*. Haag: IFLA. Available from:
https://www.ifla.org/files/assets/cataloguing/frbr-lrm/ifla-lrm-august-2017_rev201712.pdf
[Errata: https://www.ifla.org/files/assets/cataloguing/frbr-lrm/ifla_lrm_summary_of_changes_2017-12.pdf]
- Riva, P., Le Bœuf, P. & Žumer, M. (2017b). *Transition mappings: User tasks, entities, attributes, and relationships in FRBR, FRAD, and FRSAD mapped to their equivalents in the IFLA Library Reference Model*. Retrieved from
<https://www.ifla.org/files/assets/cataloguing/frbr-lrm/transitionmappings201708.pdf>
- Standing Committee of the IFLA Cataloguing Section (2011). *ISBD: International Standard Bibliographic Description - Consolidated edition*. Berlin/Munich: De Gruyter Saur.
[2010 draft available from
http://www.ifla.org/files/cataloguing/isbd/isbd_wwr_20100510_clean.pdf]

Žumer, M., Zeng, M. L., & Salaba, A. (2012). *FRSAD: Conceptual modeling of aboutness*. Santa Barbara, Calif.: Libraries Unlimited.

Blogs about Cataloging and Classification (舉隅)

Catalogablog. <http://catalogablog.blogspot.com/index.html>
The Cataloguing Librarian. <http://laureltarulli.wordpress.com/>
Lorcan Dempsey Weblog. <http://orweblog.oclc.org/>
Planet Cataloging. <http://planetcataloging.org/>
LITA Blog. <http://litablog.org/>
Future4Cataloger's Blog <http://future4catalogers.wordpress.com/>
OPAC Blog Posts (a list) <http://scruffynerf.wordpress.com/2006/07/05/opac-blog-posts-a-list/>
User-Centered Cataloger <http://cataloger20.blogspot.com/>
Metaliteracy Official Blog <https://metaliteracy.org/>

Useful Web Sites

ISKO Knowledge Organization Literature <http://www.isko.org/lit.html>
ISKO Encyclopedia for Knowledge Organization <http://www.isko.org/cyclo/>
S. R. Ranganathan's 相關著作全文 <https://repository.arizona.edu/browse?type=author&value=Ranganathan%2C+S.+R.> [若連結失敗，請在檢索框輸入 Ranganathan 重新查詢]
Ranganathan Portal <http://www.isibang.ac.in/~library/portal/>
Concepts in Library & Information Science and Knowledge Organization compiled by Birger Hjørland
<https://web.archive.org/web/20090620061036/http://www.db.dk:80/bh/Core%20Concepts%20in%20LIS/home.htm>
The Epistemological Lifeboat: Epistemology and Philosophy of Science for Information Scientists compiled by Birger Hjørland and Jeppe Nicolaisen.
<https://web.archive.org/web/20070609222514/http://www.db.dk/jni/lifeboat/>
Lifeboat for Knowledge Organization compiled by Birger Hjørland
https://web.archive.org/web/20090104084110/http://www.db.dk:80/bh/Lifeboat_KO/home.htm

成績評分標準：[點名不到，每次扣學期總成績參分]

1. 課堂參與&課堂報告 (Class presentations) (30%)
 - 每週有三位同學分別負責導讀該週的三篇指定文獻
 - 每篇另安排兩位同學負責評述，並提出可供課堂討論之問題
2. 讀書心得 (20%) [請由閱讀書單 (附於本課綱之末) 中挑選一部，撰寫 1-2 頁的

摘述及 3-4 頁心得報告] (繳交日期：5 月 14 日)

3. Literature review term paper (50%) (繳交日期：6 月 21 日) [請於 4 月 16 日繳交一或二頁 A4 格式的 note 說明你的題目、研究重點與範圍、資料蒐集方法等]

課程進度：

2 月 19 日 Introduction / Bibliographic Control in General / Trends

基本概念回顧，任意瀏覽至少下列文獻之一：

Chan, L. M., & Salaba, A. (2016). *Cataloging and classification: An introduction* (4th ed.). Lanham, MD.: Rowman & Littlefield. Chapter 1.

Joudrey, D. N., Taylor, A. G. (2018). *The organization of information* (4th ed.). Westport, Conn.: Libraries Unlimited. Chapter 1.

Joudrey, D. N., Taylor, A. G., & Miller, D. P. (2015). *Introduction to cataloging and classification* (11th ed.). Santa Barbara: Libraries Unlimited. Chapter 1.

Glushko, R. J. (Ed.) (2013). *The discipline of organizing*. Cambridge, MA: MIT Press. Chapter 1.

2 月 26 日 Fundamental Issues

Hjorland, B. (2008). What is knowledge organization (KO)? *Knowledge Organization*, 35(2-3), 86-101. Also available from:

http://www.isko.org/cyclo/knowledge_organization

Shera, J. H. (1965). Foundations of a theory of bibliography. In J. H. Shera, *Libraries and the organization of knowledge* (pp. 18-33). London: Crosby Lockwood & Son.

Andersen, J., & Skouvig, L. (2006). Knowledge organization: A sociohistorical analysis and critique. *The Library Quarterly*, 76(3), 300-322.

號次	文獻導讀	評述
1		
2		
3		

[延伸閱讀]

Anderson, J. D. (2003). Organization of knowledge. In J. Feather & P. Sturges (Eds.), *International encyclopedia of library and information science* (2nd ed.) (pp. 471-490). New York: Routledge.

Bates, M. J. (1999). The invisible substrate of information science. *Journal of the American Society for Information Science*, 50 (12), 1043-1050.

- Broughton, V.; Hansson, J.; Hjørland, B. & López-Huertas, M. J. (2005). Knowledge organization. In L. Kaiberg & L. Lørring (Eds.), *European curriculum reflections on library and information science education* (pp. 133-148). Copenhagen: Royal School of Library and Information Science. Available from:
http://iva.dk/bh/Lifeboat_KO/KnowledgeOrg_chapter%207.pdf
- Hjørland, B. (2003). Fundamentals of knowledge organization. *Knowledge Organization*, 30(2), 87-111.
- Hjørland, B. (2013). Theories of knowledge organization: Theories of knowledge. *Knowledge Organization*, 40(3), 169-181.
- Mai, J-E. (1999). A postmodern theory of knowledge organization. *Proceedings of the ASIS Annual Meeting*, 36, 547-556.
http://jenseriimai.info/Papers/1999_APostmodernTheoryOfKnowledgeOrganization.pdf

3 月 5 日 Bibliographic Objectives / Bibliographic Entities / Genre

- IFLA Cataloguing Section and IFLA Meetings of Experts on an International Cataloguing Code; Tillett, B., & Cristán, A. L. (Eds.) (2016). *IFLA cataloguing principles: Statement of international cataloguing principles (ICP) and its glossary*. 2017 minor revision available from: https://www.ifla.org/files/assets/cataloguing/icp/icp_2016-en.pdf [English version] https://www.ifla.org/files/assets/cataloguing/icp/icp_2016-zh.pdf [簡體字版]
- Smiraglia, R. (2018). Work. *IEKO Encyclopedia of knowledge organization*. Retrieved from <http://www.isko.org/cyclo/work>
- Nahotko, M. (2016). Genre groups in knowledge organization. *Cataloging & Classification Quarterly*, 54 (8), 553-582,

號次	文獻導讀	評述
1		
2		
3		

[延伸閱讀]

- Glushko, R. J. (Ed.). (2013). *The discipline of organizing*. Cambridge, MA: MIT Press.
 Chapter 3, Resources in Organizing Systems.
- Holden, C. (2015). The definition of the work entity for pieces of recorded sound. *Cataloging & Classification Quarterly*, 53(8), 873-894.

- Kishimoto, K., & Snyder, T. (2016). Popular music in FRBR and RDA: Toward user-friendly and cataloger-friendly identification of works. *Cataloging & Classification Quarterly*, 54(1), 60-86.
- Smiraglia, R. P. (2002). Further reflections on the nature of 'a work': An introduction. *Cataloging & Classification Quarterly*, 33 (3/4), 1-11.
- Smiraglia, R. (2003). The history of 'the work' in the modern catalog. *Cataloging & Classification Quarterly*, 35(3/4), 553-567.
- Svenonius, E. (2000). *The intellectual foundation of information organization*. Cambridge, Mass.: MIT Press. Chapter 2 & 3.
- Wilson, P. (1968). The bibliographic universe. In *Two kinds of power: An essay on bibliographic control* (pp.6-19). Berkeley, CA: University of California Press.
- Wilson, P. (1989). Interpreting the second objective of the catalog. *Library Quarterly*, 59(4): 339-353.
- Yee, M. M. 所撰 “What is a work?” Part 1-Part 4 系列文章(分期刊載於 *Cataloging & Classification Quarterly*, v.19-v.20)

[Genre theory]

- Lee, H., & Zhang, L. (2013). Tracing the conceptions and treatment of genre in Anglo-American cataloging. *Cataloging & Classification Quarterly*, 51(8), 891-912.
- Lund, N. W., & Share, R. (2009). Document theory. In *Encyclopedia of Library and Information Sciences*, 3rd ed. New York: Taylor and Francis. DOI: <http://dx.doi.org/10.1081/E-ELIS3-120043662>

3 月 12 日 FRBR

基本背景：

- *IFLA Study Group on the Functional Requirements for Bibliographic Records (1998). *Functional requirements for bibliographic records: Final report*. [FRBR] Munchen: K.G. Saur. The 2009 amended version is available from: http://www.ifla.org/files/assets/cataloguing/frbr/frbr_2008.pdf [主要是第三章]

- Zhang, Y., & Salaba, A. (2012). What do users tell us about FRBR-based catalogs? *Cataloging and Classification Quarterly*, 50(5-7), 705-723.
- Coyle, K. (2016). *FRBR before and after: A look at our bibliographic models*. Chap. 8, Does FRBR meets FRBR's objectives.
- Žumer, M. (2018). IFLA Library Reference Model (IFLA LRM): Harmonisation of the FRBR family. *Knowledge Organization*, 45(4), 310-318. Also available from ISKO Encyclopedia of Knowledge Organization, <http://http://www.isko.org/cyclo/lrm>

號次	文獻導讀	評述	
1			
2			
3			

[延伸閱讀]

- Choi, Y. (2012). A practical application of FRBR for organizing information in digital environments. *Knowledge Organization*, 39(4), 233-254.
- Coyle, K. (2015). FRBR, twenty years on. *Cataloging & Classification Quarterly*, 53 (3/4), 265-285.
- Dickey, T. J. (2008). FRBRization of a library catalog: Better collocation of records, leading to enhanced search, retrieval, and display. *Information Technology & Libraries*, 27(1), 23-32.
- Hider, P. (2017). A critique of the FRBR user tasks and their modifications. *Cataloging & Classification Quarterly*, 55(2), 55-74.
- Peponakis, M. (2012). Conceptualizations of the cataloging object: A critique on current perceptions of FRBR group 1 entities. *Cataloging & Classification Quarterly*, 50(5-7), 587-602.
- Pisanski, J., & Žumer, M. (2010). Mental models of the bibliographic universe. Part 1: mental models of descriptions. *Journal of Documentation*, 66(5), 643-667.
- Pisanski, J., & Žumer, M. (2010). Mental models of the bibliographic universe. Part 2: comparison task and conclusions. *Journal of Documentation*, 66(5), 668-680.
- Pisanski, J., & Žumer, M. (2012). User verification of the FRBR conceptual model. *Journal of Documentation*, 68(4), 582-592.
- Riva, P., Le Bœuf, P. & Žumer, M. (2017). *IFLA library reference model: A conceptual model for bibliographic Information*. Chap. 5 Model overview.
- Taylor, A. G. (2007). An introduction to *Functional Requirement for Bibliographic Records* (FRBR). In A. G. Taylor (Ed), *Understanding FRBR: What it is and how it will affect our retrieval tools* (pp. 1-19). Westport, Conn.: Libraries Unlimited.
- Tillett, B. B. (2003). What is FRBR? A conceptual model for the bibliographic universe. *Technicalities*, 25(5): 197-205. <http://www.loc.gov/cds/downloads/FRBR.PDF>
- Tillett, B. B. (2009). FRBR. A presentation at ALA 2009 Annual Preconference. http://presentations.ala.org/images/b/bd/FRBR_ALA_Preconf_2009Julyrev2.ppt
- Zhang, Y., & Salaba, A. (2009). *Implementing FRBR in libraries: Key issues and future directions*. New York: Neal-Schuman Publishers. Chapter 5.

基礎知識請先瀏覽：Berners-Lee, T. (2006). Linked data. Retrieved from
<https://www.w3.org/DesignIssues/LinkedData.html>

W3C (2014). *RDF 1.1 primer*. Retrieved from <https://www.w3.org/TR/rdf11-primer/>

Heath, T., & Bizer, C. (2011). *Linked data: Evolving the Web into a global data space*. San Francisco: Morgan & Claypool. Chap. 1 & 2. [HTML version:

<http://linkeddatabook.com/editions/1.0/>]

Mitchell, E. T. (2016). Library linked data: Early activity and development. *Library Technology Reports*, 52(1), 5-33.

[Examples & Useful Sites]

LC Linked Data Services: Authorities and Vocabularies <http://id.loc.gov/>

Getty Vocabularies as Linked Open Data

<http://www.getty.edu/research/tools/vocabularies/lod/>

Getty Vocabularies: LOD <http://vocab.getty.edu/>

Harping, P. (2014). The Getty vocabularies and linked open data.

https://www.getty.edu/research/tools/vocabularies/Linked_Data_Getty_Vocabularies.pdf

OCLC Linked Data <https://www.oclc.org/developer/develop/linked-data.en.html>

OCLC Linked Data Research

<http://www.oclc.org/research/themes/data-science/linkeddata.html>

VIAF Linked Data <http://viaf.org/viaf/data/>

W3C Library Linked Data Incubator Group Final Report

<http://www.w3.org/2005/Incubator/lld/XGR-lld-20111025/>

W3C Library Linked Data Incubator Group: Datasets, Value Vocabularies, and Metadata Element Sets <http://www.w3.org/2005/Incubator/lld/XGR-lld-vocabdataset-20111025/>

Linked Data: Connecting Distributed Data Across the Web (Web Site)

<http://linkeddata.org/home>

Hoolland, S. V., & Verborgh, R. (2014). *Linked data for libraries, archives and museums: How to clean, link and publish your metadata*. London: Facet Publishing.

Online tutorial available at: <http://book.freeyourmetadata.org/>

Free Your Metadata: Learn how to get more value out of metadata easily.

<http://freeyourmetadata.org/> [提供詳細步驟與資料，帶領學習者逐步掌握如何做]

[延伸閱讀]

曾天威（2013）。學術圖書館鏈結書目資料系統之研究。未出版碩士論文，臺灣大學

圖書資訊學研究所。 <http://ndltd.ncl.edu.tw/cgi-bin/gs32/gswweb.cgi?o=dncldr&s=id=%22102NTU05448007%22.&searchmode=basic>

- Alemu, G., Stevens, B., Ross, P., & Chandler, J. (2012). Linked data for libraries: Benefits of a conceptual shift from library-specific record structures to RDF-based data models. *New Library World*, 113(11-12), 549-570.
- Baker, T. (2012). Libraries, languages of description, and linked data: A Dublin Core perspective. *Library Hi Tech*, 30(1), 116-133.
- Bauer, F. & Kaltenböck, M. (2012). *Linked open data: The essentials*. Vienna: Edition mono/monochrom.
- Bermes, E. (2013). Enabling your catalogue for the Semantic Web. In S. Chambers (Ed.), *Catalogue 2.0: The future of the library catalogue* (pp. 117-142). London: Facet bPublishing.
- Bianchini, C. (2012). From OPAC to library linked data: Giving new answers to users' needs. *AIB Studi*, 52(3), 303-323.
- Bizer, C., Heath, T., & Berners-Lee, T. (2009). Linked data -- the story so far. *International Journal on Semantic Web and Information Systems*, 5(3), 1-22.
- Briles, M. (2016). Linked data 101: Getting caught in the semantic web. Retrieved from SlideShare <https://www.slideshare.net/MorganBriles/linked-data-101-getting-caught-in-the-semantic-web>
- 這份簡報，只有短短十幾頁，但有關 linked data 的基本概念均已清楚地含括其中（四項原則、URI 與 vocabulary standard、serialization 等）
- Byrne, G., & Goddard, L. (2010). The strongest link: Libraries and linked data. *D-Lib Magazine*, 16(11-12) Retrieved from <http://search.proquest.com/docview/839636572?accountid=14229>
- Cervone, F. & Svensson, L. G. (Eds.) (2015). *Linked data and user interaction: The road ahead*. Berlin: De Gruyter Saur.
- Dadzie, A.-S., & Rowe, M. (2011). Approaches to visualising linked data: A survey. *Semantic Web*, 1(1-2). Retrieved from https://oro.open.ac.uk/28848/1/swj118_1.pdf
- DeWeese, K. P. & Segal, D. (2015). *Libraries and the semantic Web*. San Rafael: Morgan & Claypool. [本校訂有電子版]
- Ford, K. (2013). Library of Congress Classification as linked data. *Italian Journal of Library & Information Science*, 4(1), 161-175.
- Godby, C. J., Wang, S., & Mixter, J. K. (2015). *Library linked data in the cloud: OCLC's experiments with new models of resource description*. San Rafael: Morgan & Claypool. [本校訂有電子版]
- Gonzales, B. M. (2014). Linking libraries to the Web: Linked data and the future of the bibliographic record. *Information Technology & Libraries*, 33(4), 10-22.

- Guerrini, M., & Possemato, T. (2013). Linked data: A new alphabet for the semantic web. *JLIS.it: Italian Journal of Library & Information Science*, 4(1), 67-90. Retrieved from: <http://leo.cilea.it/index.php/jlis/article/view/6305/7891>
- Guerrini, M., & Possemato, T. (2016). From record management to data management: RDA and new application models BIBFRAME, RIMMF, and OliSuite/WeCat. *Cataloging & Classification Quarterly*, 54(3), 179-199.
- Hooland, S. V. & Verborgh, R. (2014). *Linked data for libraries, archives and museums: How to clean, link and publish your metadata*. London: Facet Publishing.
- Howarth, L. C. (2012). FRBR and linked data: Connecting FRBR and linked data. *Cataloging and Classification Quarterly*, 50(5-7), 763-776.
- Lindquist, T., Dulock, M., Törnroos, J., Hyvönen, E., & Mäkelä, E. (2013). Using linked open data to enhance subject access in online primary sources. *Cataloging & Classification Quarterly*, 51(8), 913-928.
- Marjit, U., Sharma, K., Sarkar, A., & Krishnamurthy, M. (2013). Publishing legacy data as linked data: A state of the art survey. *Library Hi Tech*, 31(3), 520-535.
- Meehan, T. (2014). Introduction to linked data. *Catalogue & Index*, 174, 2-12.
- Mitchell, E. T. (2013). Building blocks of linked open data in libraries. *Library Technology Reports*, 49(5), 11-25.
- Mitchell, E. T. (2016). Library linked data: Early activity and development. *Library Technology Reports*, 52(1), 5-33.
- Sikos L.F. (2015). *Mastering structured data on the semantic web*. Berkeley, CA: Apress.
- Wood, D., Zaidman, M., & Ruth, L. (2014). *Linked data: Structured data on the Web*. Shelter Island: Manning.
- Yoose, B., & Perkins, J. (2013). The linked open data landscape in libraries and beyond. *Journal of Library Metadata*, 13(2-3), 197-211.

3 月 26 日 Cataloging Rules / Resources Description

- Osborn, A. D. (1985). The crisis in cataloging. *Library Quarterly*, 11(4), 393-411. Retrieved from <http://www.columbia.edu/cu/libraries/inside/units/bibcontrol/osmc/crisis.pdf> or <http://www.jstor.org/stable/pdfplus/4302882.pdf?acceptTC=true&acceptTC=true&jpdConfirm=true>
- Glushko, R. J. (Ed.). (2013). *The discipline of organizing*. Cambridge, MA: MIT Press. Chapter 4, Resources Description and Metadata.
- Taniguchi, S. (2015). Modeling resource description tasks in RDA. *Cataloging & Classification Quarterly*, 53(1), 88-111.

號次	文獻導讀	評述
----	------	----

1			
2			
3			

[延伸閱讀]

- Bernstein, S. (2014). Beyond content, media, and carrier: RDA carrier characteristics. *Cataloging & Classification Quarterly*, 52(5), 463-486.
- Bianchini, C., & Guerrini, M. (2009). From bibliographic models to cataloging rules: Remarks on FRBR, ICP, ISBD, and RDA and the relationships between them. *Cataloging and Classification Quarterly*, 47(2), 105-124.
- Biswas, S. (2015). Reflections of Ranganathan's normative principles of cataloging in RDA. *Cataloging & Classification Quarterly*, 53(8), 948-963.
- Clarke, R. I. (2015). Breaking records: The history of bibliographic records and their influence in conceptualizing bibliographic data. *Cataloging & Classification Quarterly*, 53 (3/4), 286-302.
- Coyle, K. (2010). RDA vocabularies for a twenty-first-century data environment. *Library Technology Reports*, 46(2), 5-39.
- Fell, T., & Lapka, F. (2016). ISBD and DCRM into RDA: An opportunity for convergence? *Cataloging & Classification Quarterly*, 54(5-6), 282-291.
- Hider, P. & Liu, Y.-H. (2013). The use of RDA elements in support of FRBR user tasks. *Cataloging & Classification Quarterly*, 51 (8), 857-872.
- Hillmann, D., Coyle, K., Phipps, J., & Dunsire, G. (2010). RDA vocabularies: Process, outcome, use. *D-Lib Magazine*, 16(1/2). Retrieved from: <http://dlib.org/dlib/january10/hillmann/01hillmann.html>
- Hitchens, A. & Symons, E. (2009). Preparing catalogers for RDA training. *Cataloging & Classification Quarterly*, 47 (8), 691-707.
- Howarth, L. C., & Weihs, J. (2007). Making the link: AACR to RDA. Part 1: Setting the stage. *Cataloging & Classification Quarterly*, 45(2), 3-18.
- Intner, S. S. (2008). RDA: Progress or problem?. *Technicalities*, 28(4), 1-15.
- Lisius, P. H. (2015). AACR2 to RDA: Is knowledge of both needed during the transition period? *Cataloging & Classification Quarterly*, 53 (1), 40-70.
- Maurer, M. B., & Panchyshyn, R. S. (2014). Understanding the why: A case study in managing the RDA implementation. *Cataloging & Classification Quarterly*, 52(3), 259-284.
- Miksa, S. D. (2009). Resource Description and Access (RDA) and new research potentials. *Bulletin of the American Society for Information Science & Technology*, 35(5), 47-51. Retrieved from: http://www.asis.org/Bulletin/Jun-09/JunJul09_Miksa.pdf

- Riva, P., & Oliver, C. (2012). Evaluation of RDA as an implementation of FRBR and FRAD. *Cataloging & Classification Quarterly*, 50 (5-7), 564-586.
- Taniguchi, S. (2015). Modeling resource description tasks in RDA. *Cataloging & Classification Quarterly*, 53(1), 88-111.
- Tillett, B. (2013). RDA and the semantic web, linked data environment. *JLIS.it*, 4 (1), 139-144.

4 月 9 日 Next-Generation Catalogs / Discovery Services

- Markey, K. (2007). The online library catalog: Paradise lost and paradise regained? *D-Lib Magazine*, 13(1/2). Retrieved from:
<http://www.dlib.org/dlib/january07/markey/01markey.html>
- Majors, R. (2012). Comparative user experiences of next-generation catalogue interfaces. *Library Trends*, 61(1), 186-207.
- Breeding, M. (2014). Discovery product functionality. *Library Technology Reports*, 50(1), 5-32.

號次	文獻導讀	評述
1		
2		
3		

[延伸閱讀]

- Calhoun, K. (2006). The changing nature of the catalog and its integration with other discovery tool (<http://www.loc.gov/catdir/calhoun-report-final.pdf>), pp.9-20; 38-44.
- Chickering, F. M., & Yang, S. Q. (2014). Evaluation and comparison of discovery tools: An update. *Information Technology & Libraries*, 33(2), 5-30.
- Mann, T. (2006). The changing nature of the catalog and its integration with other discovery tools. Final report. March 17, 2006. Prepared for the Library of Congress by Karen Calhoun. A critical review. Library of Congress Professional Guild, Retrieved from: <http://www.guild2910.org/AFSCMECalhounReviewREV.pdf> [回應 Calhoun的討論]
- Library of Congress, Bibliographic Enrichment Advisory Team (BEAT)
<http://www.loc.gov/catdir/beat/> (請瀏覽該團隊所主導之各項計畫)
- Dempsey, L. (2012). Thirteen ways of looking at libraries, discovery, and the catalog: Scale, workflow, attention. *Educause Review Online*, Available from:
<http://www.educause.edu/ero/article/thirteen-ways-looking-libraries-discovery-and-catalog-scale-workflow-attention>

The University of California Libraries. Bibliographic Services Task Force. (2005). *Rethinking how we provide bibliographic services for the University of California* (<http://libraries.universityofcalifornia.edu/sopag/BSTF/Final.pdf>), pp.11-26.

Breeding, M. (2007). Next-generation library catalogs. *Library Technology Reports*, 43(4), 5-42.

Breeding, M. (2013). Next-generation discovery: An overview of the European scene. In S. Chambers (Ed.), *Catalogue 2.0: The future of the library catalogue* (pp. 37-64). London: Facet Publishing.

Gallaway, T. O., & Hines, M. F. (2012). Competitive usability and the catalogue: A process for justification and selection of a next-generation catalogue or Web-scale discovery system. *Library Trends*, 61(1), 173-185.

Johnson, F. C., & Craven, J. (2010). Beyond usability: The study of functionality of the 2.0 online catalogue (OPAC). *New Review of Academic Librarianship*, 16(2), 228-250.

Naun, C. C. (2010). Next generation OPACs: A cataloging viewpoint. *Cataloging & Classification Quarterly*, 48(4), 330-342.

Osborne, H. M., & Cox, A. A. (2015). An investigation into the perceptions of academic librarians and students towards next-generation OPACs and their features. *Program: Electronic Library & Information Systems*, 49(1), 23-45.

Schultz-Jones, B., Snow, K., Miksa, S., & Hasenyager Jr., R. L. (2012). Historical and current implications of cataloguing quality for next-generation catalogues. *Library Trends*, 61(1), 49-82.

Tarulli, L., & Spiteri, L. F. (2012). Library catalogues of the future: A social space and collaborative tool? *Library Trends*, 61(1), 107-131.

Wynne, S. C., & Hanscom, M. J. (2011). The effect of next-generation catalogs on catalogers and cataloging functions in academic libraries. *Cataloging & Classification Quarterly*, 49(3), 179-207.

Yang, S. Q., & Hofmann, M. A. (2011). Next generation or current generation? A study of the OPACs of 260 academic libraries in the USA and Canada. *Library Hi Tech*, 29(2), 266-300.

4 月 16 日 **Bibliographic Relationships** [繳交期末報告題目概述]

Tillett, B. B. (2001). Bibliographic relationships. In C. A. Bean, & R. Green (Eds), *Relationships in the organization of knowledge* (pp. 19-35). Dordrecht: Kluwer Academic Publishers.

Glushko, R. J. (Ed.). (2013). *The discipline of organizing*. Cambridge, MA: MIT Press. Chapter 5, Describing Relationship and structure.

Wallheim, H. (2016). From complex reality to formal description: Bibliographic relationships and problems of operationalization in RDA. *Cataloging & Classification Quarterly*, 54(7), 483-503.

號次	文獻導讀	評述	
1			
2			
3			

[延伸閱讀]

- Green, R. (2001). Relationships in the organization of knowledge: An overview. In C. A. Bean, & R. Green (Eds), *Relationships in the organization of knowledge* (pp. 3-18). Dordrecht: Kluwer Academic Publishers.
- Mazzocchi, F., Tiberi, M., De Santis, B., & Plini, P. (2007). Relational semantics in thesauri: Some remarks at theoretical and practical levels. *Knowledge Organization*, 34(4), 197-214.
- Niu, J. (2013). Hierarchical relationships in the bibliographic universe. *Cataloging & Classification Quarterly*, 51(5), 473-490.
- Park, T. K. & Morrison, A. M. (2017). The nature and characteristics of bibliographic relationships in RDA cataloging records in OCLC at the beginning of RDA implementation. *Cataloging & Classification Quarterly*, 55 (6), 361-386.
- Picco, P., & Ortiz Repiso, V. (2012). The contribution of FRBR to the identification of bibliographic relationships: The new RDA-based ways of representing relationships in catalogs. *Cataloging & Classification Quarterly*, 50(5-7), 622-640.
- Riva, P. (2004). Mapping MARC21 linking entry fields to FRBR and Tillett's taxonomy of bibliographic relationships. *Library Resources and Technical Services*, 48(2), 130-143.
- Smiraglia, R. P., & Leazer, G. H. (1999). Derivative bibliographic relationships: The work relationship in a global bibliographic database. *Journal of the American Society for Information Science*, 50(6), 493-504.
- Svenonius, E. (2000). *The intellectual foundation of information organization*. Cambridge, Mass.: MIT Press. Chapter 9, Subject Language: Referential and Relational Semantics.
- Szostak, R. (2012a). Toward a classification of relationships. *Knowledge Organization*, 39(2), 83-94.
- Szostak, R. (2012b). Classifying relationships. *Knowledge Organization*, 39(3), 165-178.
- Tillett, B. B. (1991). A taxonomy of bibliographic relationships. *Library Resources &*

- Technical Services*, 35, 150-158.
- Tillett, B. B. (1992). The history of linking devices. *Library Resources & Technical Services*, 36, 23-36.
- Vellucci, S. L. (1990). Uniform titles as linking devices. *Cataloging & Classification Quarterly*, 12(1), 35-62.
- Vellucci, S. L. (1998). Bibliographic relationships. In J. Weihs (Ed.), *The principles and future of AACR: Proceedings of the International Conference on the Principles and Future Development of AACR, Toronto, Ontario, Canada, October 23-25, 1997* (pp. 105-146). Ottawa: Canadian Library Association; Chicago: American Library Association.

4 月 23 日 **Subject Analysis – Classification**

- Hjørland, B. (2017). Classification. *Knowledge Organization*, 44 (2), 97-128. Also available from: <http://www.isko.org/cyclo/classification> [有關各家對分類的定義，瀏覽即可]
- Barité, M. (2017). Literary warrant. ISKO Encyclopedia of knowledge organization. Retrieved from http://www.isko.org/cyclo/literary_warrant
- Kwasnik, B. (1999). The role of classification in knowledge representation and discovery. *Library Trends*, 48(1), 22-47.

號次	文獻導讀	評述	
1			
2			
3			

[延伸閱讀]

- Beghtol, C. 1. (1986). Bibliographic classification theory and text linguistics: Aboutness analysis, intertextuality and the cognitive act of classifying documents. *Journal of Documentation*, 42, 84-113.
- Beghtol, C. (1998). Knowledge domains: Multidisciplinarity and bibliographic classification systems. *Knowledge Organization*, 25(1/2), 1-12.
- Desale, S. K., & Kumbhar, R. M. (2013). Research on automatic classification of documents in library environment: A literature review. *Knowledge Organization*, 40(5), 295-304.
- Frické, M. (2013). Reflections on classification: Thomas Reid and bibliographic description. *Journal of Documentation*, 69(4), 507-522.
- Glushko, R. J. (Ed.). (2013). *The discipline of organizing*. Cambridge, MA: MIT Press.

- Chapter 6, Categorization: Describing Resource Classes and Types.
- Glushko, R. J. (Ed.). (2013). *The discipline of organizing*. Cambridge, MA: MIT Press.
- Chapter 7, Classification: Assigning Resources to Categories.
- Hjørland, B. (2013). Facet analysis: The logical approach to knowledge organization. *Information Processing & Management*, 49(2), 545-557.
- Olson, H. A. (2009). Social influences on classification. In *Encyclopedia of Library and Information Sciences*, 3rd ed. New York: Taylor and Francis. DOI: <http://dx.doi.org/10.1081/E-ELIS3-120044536>
- Shera, J. H. (1965). Classification as the basis of bibliographic organization. In *Libraries and the organization of knowledge* (pp. 77-96). London: Crosby Lockwood & Son.
- Smiraglia, R. P., & den Heuvel, C. V. (2013). Classifications and concepts: Towards an elementary theory of knowledge interaction. *Journal of Documentation*, 69(3), 360-383.
- Svenonius, E. (1992). Classification: Prospects, problems and possibilities. In N. J. Williamson, & M. Hudon (Eds.), *Classification research for knowledge representation and organization* (pp. 5-25). Amsterdam: Elsevier.
- Tennis, J. T. (2005). Experientialist epistemology and classification theory: Embodied and dimensional classification. *Knowledge Organization*, 32(2), 79-92.

4 月 30 日 **Subject Analysis – Verbal (including Folksonomy)**

請瀏覽

*MeSH Browser -- <http://www.nlm.nih.gov/mesh/2007/MBrowser.html>

*Unified Medical Language System (UMLS) --

<http://www.nlm.nih.gov/research/umls/umlsmain.html>

http://www.nlm.nih.gov/research/umls/pdf/UMLS_Basics.pdf

*Weinberg, B. H. (1988). Why indexing fails the researcher. *The Indexer*, 16(1): 3-6.

- Joudrey, D. N. (2005). Building puzzles and growing pearls: A qualitative exploration of determining aboutness. Unpublished dissertation, School of Information Sciences, University of Pittsburgh. Chap. 2.2, The nature of aboutness (pp.53-69). [可由數位論文典藏聯盟取得此篇博士論文]
- Gross, T., Taylor, A. G., & Joudrey, D. N. (2015). Still a lot to lose: The role of controlled vocabulary in keyword searching. *Cataloging & Classification Quarterly*, 53(1), 1-39.
- Windleharth, T. W., Jett, J., Schmalz, M., & Lee, J. H. (2016). Full steam ahead: A conceptual analysis of user-supplied tags on steam. *Cataloging & Classification Quarterly*, 54(7), 418-441.

號次	文獻導讀	評述	
1			
2			
3			

[延伸閱讀]

- Delsey, T. (2005). Modeling subject access: Extending the FRBR and FRANAR conceptual models. *Cataloging and Classification Quarterly*, 39(3/4), 49-61.
- Harper, C. A. & Tillett, B. B. (2007). Library of Congress controlled vocabularies and their application to the Semantic Web. *Cataloging and Classification Quarterly*, 43 (3/4), 47-68.
- Harpring, P. (2010). *Introduction to controlled vocabularies: Terminology for art, architecture, and other cultural works* (online edition). Los Angeles: Getty Research Institute. Chap. 2, What are controlled vocabularies? Available from:
http://www.getty.edu/research/publications/electronic_publications/intro_controlled_vocab/what.html
http://www.getty.edu/research/publications/electronic_publications/intro_controlled_vocab/what.pdf
- Harpring, P. (2010). *Introduction to controlled vocabularies: Terminology for art, architecture, and other cultural works* (online edition). Los Angeles: Getty Research Institute. Chap. 3, Relationships in controlled vocabularies. Available from:
http://www.getty.edu/research/publications/electronic_publications/intro_controlled_vocab/relationships.html
http://www.getty.edu/research/publications/electronic_publications/intro_controlled_vocab/relationships.pdf
- Jin, Q. (2008). Is FAST the right direction for a new system of subject cataloging and metadata? *Cataloging and Classification Quarterly*, 45(3), 91-110.
- Marradi, A. (2012). The concept of concept: Concepts and terms. *Knowledge Organization*, 39(1), 29-54.
- Marshall, L. (2003). Specific and generic subject headings: Increasing subject access to library materials. *Cataloging & Classification Quarterly*, 36(2), 59-87.
- Martínez-Ávila, D. & Budd, J. M. (2017). Epistemic warrant for categorizational activities and the development of controlled vocabularies. *Journal of Documentation*, 73 (4), 700-715.
- Maurer, M. B., & Shakeri, S. (2016). Disciplinary differences: LCSH and keyword assignment for ETDs from different disciplines. *Cataloging & Classification Quarterly*, 54(4), 213-243.
- O'Neill, E. T., Bennett, R., & Kammerer, K. (2014). Using authorities to improve subject searches. *Cataloging & Classification Quarterly*, 52(1), 6-19.
- Shatford, S. (1986). Analyzing the subject of a picture: A theoretical approach. *Cataloging & Classification Quarterly*, 6(3), 39-62.

Svenonius, E. (1986). Unanswered questions in the design of controlled vocabularies. *Journal of the American Society for Information Science*, 37, 331-340.

Svenonius, E. (2000). *The intellectual foundation of information organization*. Cambridge, Mass.: MIT Press. Chapter 8, Subject Language: Introduction, Vocabulary Selection, and Classification.

[Folksonomy]

吳筱玫（2009）。俗民分類與知識型：Tag 的資訊秩序。◦*中華傳播學刊*, 15, 頁 3-31。Available from <http://cjc.nccu.edu.tw/word/283312142013.pdf>

吳筱玫、周芷伊（2009）。Tagging 的分類與知識意涵：以 flickr 首頁圖片為例。◦*新聞學研究*, No.99, 頁 265-305。Available from <http://mcr.nccu.edu.tw/word/1234302013.pdf>

Gerolimos, M. (2013). Tagging for libraries: A review of the effectiveness of tagging systems for library catalogs. *Journal of Library Metadata*, 13 (1), 36-58.

Kipp, M. I., & Campbell, D. G. (2010). Searching with tags: Do tags help users find things? *Knowledge Organization*, 37(4), 239-255.

Munk, T. B., & Mørk, K. (2007). Folksonomy, The power law & the significance of the least effort. *Knowledge Organization*, 34(1), 16-33.

Yi, K., & Chan, L. M. (2009). Linking folksonomy to Library of Congress subject headings: An exploratory study. *Journal of Documentation*, 65(6), 872-900.

5 月 7 日 **Authority Control / Encoding Framework**

Godby, C. J., Wang, S., & Mixer, J. K. (2015). *Library linked data in the cloud: OCLC's experiments with new models of resource description*. San Rafael: Morgan & Claypool. Chap. 2, Modeling Library Authority Files, Retrieved from <https://www.oclc.org/research/publications/books/library-linked-data-in-the-cloud/chapter2.html>

Schreur, P. (2018). The evolution of BIBFRAME: From MARC surrogate to Web conformant data model. Paper presented at: IFLA WLIC 2018 – Kuala Lumpur, Malaysia. Retrieved from <http://library.ifla.org/2202/1/141-schreur-en.pdf>

Taniguchi, S. (2017). Examining BIBFRAME 2.0 from the viewpoint of RDA metadata schema. *Cataloging & Classification Quarterly*, 55(6), 387-412.

號次	文獻導讀	評述	
1			
2			
3			

[延伸閱讀]

- Alemu, G., Stevens, B., Ross, P., & Chandler, J. (2012). Linked data for libraries: Benefits of a conceptual shift from library-specific record structures to RDF-based data models. *New Library World*, 113(11-12), 549-570.
- Bermes, E. (2013). Enabling your catalogue for the Semantic Web. In S. Chambers (Ed.), *Catalogue 2.0: The future of the library catalogue* (pp. 117-142). London: Facet Publishing.
- Bianchini, C. (2012). From OPAC to library linked data: Giving new answers to users' needs. *AIB Studi*, 52(3), 303-323.
- Byrne, G., & Goddard, L. (2010). The strongest link: Libraries and linked data. *D-Lib Magazine*, 16(11-12) Retrieved from <http://search.proquest.com/docview/839636572?accountid=14229>
- Coyle, K. (2016). *FRBR before and after: A look at our bibliographic models*. Chap. 10, Bibliographic description and the semantic web.
- DeWeese, K. P. & Segal, D. (2015). *Libraries and the semantic Web*. San Rafael: Morgan & Claypool. [本校訂有電子版]
- Godby, C. J., Wang, S., & Mixter, J. K. (2015). *Library linked data in the cloud: OCLC's experiments with new models of resource description*. San Rafael: Morgan & Claypool. [本校訂有電子版]
- Gonzales, B. M. (2014). Linking libraries to the Web: Linked data and the future of the bibliographic record. *Information Technology & Libraries*, 33(4), 10-22.
- Kroeger, A. (2013). The road to BIBFRAME: The evolution of the idea of bibliographic transition into a post-MARC future. *Cataloging & Classification Quarterly*, 51(8), 873-890.
- Miller, E., Ogbuji, U., Mueller, V., & MacDougall, K. (2012). *Bibliographic framework as a Web of data: Linked data model and supporting services*. Washington, DC: Library of Congress. Retrieved from: <http://www.loc.gov/bibframe/pdf/marclid-report-11-21-2012.pdf>
- Mitchell, E. T. (2013). Building blocks of linked open data in libraries. *Library Technology Reports*, 49(5), 11-25.
- Sanderson, R. (2015). Analysis of the BIBFRAME ontology for linked data best practices, https://docs.google.com/document/d/1dIy-FgQsH67Ay0T0O0ulhyRiKjpf_I0AVQ9v8FLmPNo/edit#heading=h.310o1a8282cm
- Schreur, P. (2018). The evolution of BIBFRAME: From MARC surrogate to Web conformant data model. Paper presented at: IFLA WLIC 2018 – Kuala Lumpur, Malaysia. Retrieved from <http://library.ifla.org/2202/1/141-schreur-en.pdf>
- Taniguchi, S. (2017). Examining BIBFRAME 2.0 from the viewpoint of RDA metadata schema. *Cataloging & Classification Quarterly*, 55(6), 387-412.

Taniguchi, S. (2018). Is BIBFRAME 2.0 a suitable schema for exchanging and sharing diverse descriptive metadata about bibliographic resources? *Cataloging & Classification Quarterly*, 56(1), 40-61.

Yoose, B., & Perkins, J. (2013). The linked open data landscape in libraries and beyond. *Journal of Library Metadata*, 13(2-3), 197-211.

瀏覽：

Library of Congress. Bibliographic Framework Initiative. <http://www.loc.gov/bibframe/>
Bibframe.org <http://bibframe.org/>

5月14日 Catalog Use

Borgman, C. L. (1996). Why are online catalogs *still* hard to use?" *Journal of the American Society for Information Science*, 47(7): 493-503.

Markey, K. (2007) Twenty-five years of end-user searching, Part 1: research findings. *Journal of the American Society for Information Science and Technology*, 58 (8), 1071-1081. Part 2: Future research directions. *Journal of the American Society for Information Science and Technology*, 58 (8), 1123-1130.

Waller, V. (2010). Accessing the collection of a large public library: An analysis of OPAC use. *LIBRES: Library & Information Science Research Electronic Journal*, 20(1), 1-27.

號次	文獻導讀	評述
1		
2		
3		

[延伸閱讀]

Allen, B. L. (1991). Topic knowledge and online catalog search formulation. *Library Quarterly*, 61, 188-213.

Mann, T. (1997). 'Cataloging must change!' and indexer consistency studies: Misreading the evidence at our peril. *Cataloging and Classification Quarterly*, 23(3/4), 3-45.

Novotny, E. (2004). I don't think I click: A protocol analysis study of use of a library online catalog in the Internet age. *College & Research Libraries*, 65(6), 525-537.

Petruciani, A. (2015). Quality of library catalogs and value of (good) catalogs. *Cataloging & Classification Quarterly*, 53 (3/4), 303-313.

- Schneider, K. G. (2006). "How OPACs suck, Part 1: Relevance rank (Or the lack of it)." Available online: <http://www.ala.org/tools/article/ala-techsource/how-opacs-suck-part-1-relevance-rank-or-lack-it>
- Schneider, K. G. (2006). "How OPACs suck, Part 2: The checklist of shame. Available online: <http://www.ala.org/tools/article/ala-techsource/how-opacs-suck-part-2-checklist-shame>
- Schneider, K. G. (2006). "How OPACs suck, Part 3: The big picture. Available online: <http://www.ala.org/tools/article/ala-techsource/how-opacs-suck-part-3-big-picture>
- Wilson, R., & Given, L. M. (2010). The effect of spelling and retrieval system familiarity on search behavior in online public access catalogs: A mixed methods study. *Journal Of The American Society For Information Science & Technology*, 61(12), 2461-2476.
- Wilson, V. (2015). Catalog users "in the wild": The potential of an ethnographic approach to studies of library catalogs and their users. *Cataloging & Classification Quarterly*, 53(2), 190-213.

5月21日 Domain Analysis

- Hjørland, B. (2016). Domain analysis. *Knowledge Organization* 44, no. 6: 436-464. Also available from: http://www.isko.org/cyclo/domain_analysis
- Smiraglia, R. P. (2015). Domain analysis as a methodological paradigm in knowledge organization. In *Domain analysis for knowledge organization: Tools for ontology extraction* (pp.19-39). Waltham, MA: Chandos Publishing.
- Szostak, R., Gnoli, C., & Lopez-Huertas, M. (2016). *Interdisciplinary knowledge organization*. Chap. 3, The Nature of Knowledge Organization Systems to Serve Interdisciplinarity.

號次	文獻導讀	評述
1		
2		
3		

[延伸閱讀]

- Hjørland, B. (2002). Domain analysis in information science. Eleven approaches — traditional as well as innovative. *Journal of Documentation*, 58 (4), 422-462.
- López-Huertas, M. J. (2015). Domain analysis for interdisciplinary knowledge domains. *Knowledge Organization*, 42 (8), 570-580.
- Mai, J.-E. (2005). Analysis in indexing: Document and domain centered approaches. *Information processing and management*, 41, 599-611.
- Ørom, A. (2003). Knowledge organization in the domain of art studies: History, transition

and conceptual changes. *Knowledge Organization*, 30 (3/4), 128-143. [此文常被作為 model 分析，其中涉及藝術圖像領域]

- Roos, A. & Hedlund, T. (2016). Using the domain analytical approach in the study of information practices in biomedicine. *Journal of Documentation*, 72 (5), 961-986.
- Smiraglia, R. P. (2012). Epistemology of domain analysis. In R. P. Smiraglia & H.-L. Lee (Eds.), *Cultural frames of knowledge* (pp. 111-124). Würzburg: Ergon Verlag.
- Tennis, J. T. (2003). Two axes of domains for domain analysis. *Knowledge Organization*, 30 (3-4), 191-195.
- Tennis, J. T. (2012). What does a domain analysis look like in form, function, and genre? *Brazilian Journal of Information Science*, 6 (1), 3-14. Available from: <http://www2.marilia.unesp.br/revistas/index.php/bjis/article/view/3026/2300>

5 月 28 日 Cataloging Professional / Ethical Issues / Interoperability

- Boydston, J. M. K., & Leysen, J. M. (2014). ARL cataloger librarian roles and responsibilities now and in the future. *Cataloging & Classification Quarterly*, 52 (2), 229-250.
- Olson, H. A., & Schlege, R. (2001). Standardization, objectivity, and user Focus: A meta-analysis of subject access critiques. *Cataloging and Classification Quarterly*, 32(2), 61-80.
- Zeng, M. L. & Chan, L. M. (2004). Trends and issues in establishing interoperability among knowledge organization systems. *Journal of the American Society for Information Science and Technology*, 55(5), 377-395.

號次	文獻導讀	評述	
1			
2			
3			

[延伸閱讀]

- Beghtol, C. (2008). Professional values and ethics in knowledge organization and cataloging. *Journal of Information Ethics*, 17(1), 12-19.
- Bair, S. (2005). Toward a code of ethics for cataloging. *Technical Services Quarterly*, 23(1), 13-26.
- Diao, J., & Cao, H. (2016). Chronology in cataloging Chinese archaeological reports: An investigation of cultural bias in the Library of Congress Classification. *Cataloging & Classification Quarterly*, 54(4), 244-262.

- Ferris, A. M. (2008). The ethics and integrity of cataloging. *Journal of Library Administration*, 47(3/4), 173-190.
- Fox, M. J., & Reece, A. (2012). Which ethics? whose morality?: An analysis of ethical standards for information organization. *Knowledge Organization*, 39(5), 377-383.
- Ridi, R. (2013). Ethical values for knowledge organization. *Knowledge Organization*, 40(3), 187-196.
- Smiraglia, R. P. (2009). Bibliocentrism, cultural warrant, and the ethics of resource description: A case study. *Cataloging & Classification Quarterly*, 47(7), 671-686.
- Snow, K. (2015). An examination of the practical and ethical issues surrounding false memoirs in cataloging practice. *Cataloging & Classification Quarterly*, 53(8), 927-947.
- Hsieh-Yee, I. (2008). Educating cataloging professionals in a changing information environment. *Journal of Education for Library & Information Science*, 49(2), 93-106.
- Joudrey, D. N., & McGinnis, R. (2014). Graduate education for information organization, cataloging, and metadata. *Cataloging & Classification Quarterly*, 52 (5), 506-550.
- Park, J., Tosaka, Y., Maszaros, S., & Lu, C. (2010). From metadata creation to metadata quality control: Continuing education needs among cataloging and metadata professionals. *Journal of Education For Library & Information Science*, 51(3), 158-176.
- Park, J.-R., Lu, C., & Marion, L. (2009). Cataloging professionals in the digital environment: A content analysis of job descriptions. *Journal of the American Society for Information Science and Technology*, 60(4), 844-857.
- Terrill, L. J. (2016). The state of cataloging research: An analysis of peer-reviewed journal literature, 2010–2014. *Cataloging & Classification Quarterly*, 54(8), 593-611.
- Chan, L. M., & Zeng, M. L. (2006). Metadata interoperability and standardization - A study of methodology, Part I: Achieving interoperability at the schema level. *D-Lib Magazine*, 12(6). Retrieved online: <http://www.dlib.org/dlib/june06/chan/06chan.html>
- Zeng, M. L., & Chan, L. M. (2006). Metadata interoperability and standardization - A study of methodology Part II: Achieving interoperability at the record and repository levels. *D-Lib Magazine*, 12(6). Retrieved from: <http://www.dlib.org/dlib/june06/zeng/06zeng.html>
- Binding, C., & Tudhope, D. (2010). Terminology Web services. *Knowledge Organization*, 37(4), 287-298.
- Guenther, R. S. (2003). MODS: The Metadata Object Description Schema. *Portal: Libraries & the Academy*, 3(1), 137-150.

- McCulloch, E., & Macgregor, G. (2008). Analysis of equivalence mapping for terminology services. *Journal of Information Science*, 34(1), 70-92.
- Park, J., & Tosaka, Y. (2010). Metadata creation practices in digital repositories and collections: Schemata, selection criteria, and interoperability. *Information Technology & Libraries*, 29(3), 104-116.
- Will, L. (2012). The ISO 25964 data model for the structure of an information retrieval thesaurus. In: *Categories, contexts and relations in knowledge organization*. Proceedings of the Twelfth International ISKO Conference, 6-9 August 2012, Mysore, India (pp. 284-290). Würzburg: Ergon. Available at: http://www.willpowerinfo.co.uk/Will_ISKO2012_paper.doc
- Willer, M., & Dunsire, G. (2014). ISBD, the UNIMARC bibliographic format, and RDA: Interoperability issues in namespaces and the linked data environment. *Cataloging & Classification Quarterly*, 52(8), 888-913.
- Zeng, M. L., & Chan, L. M. (2009). Semantic interoperability. In *Encyclopedia of Library and Information Sciences*, Third Edition (pp. 4645-4662). New York: Taylor and Francis. To link to this chapter: <http://dx.doi.org/10.1081/E-ELIS3-120043711>

[瀏覽]

MODS Official Web site: <http://www.loc.gov/standards/mods/>

METS Official Web site: <http://www.loc.gov/standards/mets/>

MADS Official Web site: <http://www.loc.gov/standards/mads/>

Miller, P. (2000). Interoperability: What is it and why should I want it?
<http://www.ariadne.ac.uk/issue24/interoperability>

6 月 4 日 Class Presentation (or TBA)

6 月 11 日 Class Presentation

6 月 18 日 Class Presentation

6 月 21 日下午 5 點以前繳交期末報告

閱讀書單

(請由其中自選一部，若擬閱讀清單以外的圖書，請先與我確認)

Abbas, J. (2010). *Structures for organizing knowledge: Exploring taxonomies, ontologies, and other schemas*. New York : Neal-Schuman Publishers.

Baca, M. (Ed.) (2016). *Introduction to metadata* (3rd ed.). Los Angeles: Getty Information

- Institute. Retrieved from: <http://www.getty.edu/publications/intrometadata/>
- Barabási, A.-L. (2014). *Linked: how everything is connected to everything else and what it means for business, science, and everyday life*. New York: Basic Books.
- Caplan, P. (2003). *Metadata fundamentals for all librarians*. Chicago: American Library Association.
- Cervone, H. F., & Svensson, L. G. (Eds.) (2015). *Linked data and user interaction: The road ahead*. Berlin: De Gruyter Saur.
- Chambers, S. (Ed.) (2013). *Catalogue 2.0: The future of the library catalogue*. London: Facet Publishing.
- Coyle, K. (2016). *FRBR before and after: A look at our bibliographic models*. Chicago: American Library Association.
- Currás, E. (2010). *Ontologies, taxonomies and thesauri in systems science and systematic*. Oxford : Chandos Publishing.
- Day, R. E. (2014). *Indexing it all: The subject in the age of documentation, information, and data*. Cambridge, MA: The MIT Press.
- Eden, B. L. (Ed.) (2016). *Rethinking technical services: New frameworks, new skill sets, new tools, new roles*. Lanham, Md.: Rowman & Littlefield.
- Godby, C. J., Wang, S., & Mixer, J. (2015). *Library linked data in the cloud: OCLC's experiments with new models of resource description*. San Rafael, California: Morgan & Claypool.
- Golub, K. (2015). *Subject access to information: An interdisciplinary approach*. Santa Barbara, California: Libraries Unlimited.
- Hart, A. (2010). *The RDA primer: A guide for the occasional cataloger* [electronic resource]. Santa Barbara, Calif.: Linworth.
- Heath, T., & Bizer, C. (2011). *Linked data: Evolving the Web into a global data space*. San Francisco: Morgan & Claypool. HTML version: <http://linkeddatabook.com/editions/1.0/>
- Hooland, S. v. & Verborgh, R. (014). *Linked data for libraries, archives and museums: How to clean, link and publish your metadata*. London: Facet Publishing.
- Hodge, G. (2000). *Systems of knowledge organization for digital libraries: Beyond traditional authority files*. Washington, DC: The Digital Library Federation. Retrieved from: <http://www.clir.org/pubs/reports/pub91/pub91.pdf>
- Hyvonen, E. (2012). *Publishing and using cultural heritage linked data on the semantic web*. San Rafael, Calif.: Morgan & Claypool.
- Jones, E. & Seikel, M. (Eds.) (2016). *Linked data for cultural heritage*. Chicago: ALA.
- Konstantinou, N., & Spanos, D.-E. (2015). *Materializing the web of linked data*. Cham: Springer International Publishing.
- Latif, A. (2011). *Understanding linked open data: For linked data discovery, consumption,*

triplication and application development. Saarbrücken: LAP Lambert Academic Publishing.

Oliver, C. (2010). *Introducing RDA: A guide to the basics* [electronic resource]. Chicago: American Library Association.

Online catalogs: What users and librarians want: An OCLC report. (2009).

<http://www.oclc.org/en/reports/onlinecatalogs.html>

Smiraglia, R. P. (2001). *The nature of a work: Implications for the organization of knowledge*. Lanham, Md.: Scarecrow Press.

Smiraglia, R. P. (2014). *The elements of knowledge organization*. Cham: Springer. [本校訂有電子版]

Smiraglia, R. P., & Lee, Hur-Li. (Eds.) (2012). *Cultural frames of knowledge*. Würzburg: Ergon-Verlag.

Smiraglia, R. P., & Lee, Hur-Li. (Eds.) (2015). *Ontology for knowledge organization*. Würzburg: Ergon-Verlag.

Smith, G. (2008). *Tagging: People-powered metadata for the social web*. Berkeley, CA: New Riders.

Stuarty, D. (2016). *Practical ontologies for information professionals*. London: Facet Publishing.

Taylor, A. G. (Ed.) (2007). *Understanding FRBR: What it is and how it will affect our retrieval tools*. Westport, Conn.: Libraries Unlimited.

Wood, D., Zaidman, M., & Ruth, L. (2014). *Linked data: Structured data on the Web*. Shelter Island: Manning.

Zhang, Y., & Salaba, A. (2009). *Implementing FRBR in libraries: Key issues and future directions*. New York: Neal-Schuman Publishers.