

Classification and Metadata of *Federal Web Sites of Controlled Quality (FWSCQ)*

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1. Organizing knowledge of institutional web sites

Internet allows access to information to millions of users. However, the problem lies in screening relevant information from the massive amount of data. Beside, the fact that they vary in quality and stability, documentary sources accessible through the Internet are not rationally organized.

A new type of web site has emerged, commonly called gateways or directories. Apart from search engines, which claim to cover all areas of knowledge, there exist “gateway” sites produced by specialists in particular fields. Librarians and information specialists were the first to compile this kind of site. They attempt to structure Web content by providing validated links to the most interesting or useful resources in a given field. These “gateway” sites provide centralized access points arranged by discipline, by geographic area and/or language, etc. They make it possible to orient users towards sites according to their informational needs.

Libraries have thus undertaken to create specialized directories for academic audiences, using classification systems such as Dewey, CDU, Library of Congress or thesauri, and/or by providing metadata. Unlike search engines which pretend to cover all the existing knowledge fields on the Internet. Those gateways were launched by librarians, information sciences specialists or, more generally, by people specialized in a specific field.

2. Access to documentary qualitative sources

We might refer to them as “Specialized Web Gateways of health” conceived as subject-based quality-control services. These projects present an alternative to classic Web services, and can be grouped into lot of categories. We interesting to classification of metadata of this gateway web sites.

As they provide information on a specific knowledge field, the quality of directories are produced by specialists of one or several domains (medicine, biology, health, etc.). According to selection and validation of the content of document by the library methods. We need some measure tools for the assessment of the informational quality and quantity of the information provided by a document. We did assess many web sites according to the following criteria, as in a user approach :

-Classification (*LCC, Mesh, CDU, Dewey, specialized classification, GEM (Gateway to Educational Materials), etc.*)

-Metadata (*DC, http-equiv*)

Federal Gateway of controlled quality	Metadata	Classification
1. CisMef http://www.chu-rouen.fr/cismef <i>Catalog and Index of the French-speaking Medical Sites</i>	26 descriptions	MeSH + Thematic subject
2. OMNI Biome http://www.intute.ac.uk/healthandlifesciences/ <i>INTUTE (OMNI is the Medicine gateway of Intute: Health and Life Sciences)</i>	8 descriptions	MeSH + Thematic subject
3. Hardin Library for the Health Sciences http://www.lib.uiowa.edu/hardin/md/ <i>medical pictures, disease pictures</i>	3 descriptions	Index + medical clusters (subject, Image)
4. MEDgle http://www.medgle.com <i>Diagnosis Web Search and personalized medical search by doctors for everyone.</i>	0 description	Medical clusters (subject, Image)
5. Martindalecenter (Healt Science Science) http://www.martindalecenter.com/HSGuide.html <i>The Guide of Science of Health</i>	0 description	Ad hoc thematic subject
6. AMSER http://amser.org <i>AMSER (the Applied Math and Science Education Repository,)</i> Health (http://amser.org/SPT--BrowseResources.php?ParentId=972647)	0 description	Subject taxonomy (LCC, GEM)
7. Internet Scout Project http://www.scout.wisc.edu http://www.scout.wisc.edu/Archives/index.php <i>The Scout Report Archives is a searchable and browseable database.</i>	0 description	Subject taxonomy (LCC, LCSH)
9. Infomine http://infomine.ucr.edu/cgi-bin/search?category=bioag <i>Biological, Agricultural & Medical Science</i>	4 descriptions	Index (authors, subjects, keywords, titles, type)
10. BUBL LINK http://bubl.ac.uk/link <i>570 Life sciences, biology 610 Medical sciences, medicine</i>	4 descriptions	DDC (570, 610)

3. Conclusion

Federal Web Sites of Controlled Quality (FWSCQ) provide subject-based access to resources of a certain quality. The content is evaluated and the selected resources are described by domain's experts. These electronic documents provide a summary and a set of keywords. The gateways present many solutions design for helping the user search specialized documentation on the Internet. The documentary tools add a qualitative value to the gateways dedicated to searching information on the Internet: limitation of irrelevant information in the answers, reliability and time saving.

4. Bibliography

Larouk, (O.) Dalhoumi (S.), «Personnalisation des services Web : *Evaluation des Sites Fédérateurs de Qualité Contrôlée* (SFQC) », CIDE'8, Conférence Internationale sur le Document Électronique, Beyrouth, Liban, 25-28 mai 2005, pp. 273-281.

Larouk (O.), Lardy (J-P.), Dalhoumi (S.), «*Quality criteria for SBIG value controlled* », EHAHIL'9th EUROPEAN CONFERENCE OF MEDICAL AND HEALTH LIBRARIES, (poster), Workshop: "Implementation of quality systems and certification of biomedical libraries", Palermo, Italy, June 23-25, 2005.