

LIBR 289 e-Portfolio
Fall 2008

Evidence for Competency E

LIBR 202 – Information Retrieval

Information Retrieval Design Assignment

November 18, 2004

202-03 Information Retrieval

Final Project: IR System Development Part A

Group: The LIPstick LIBrarians

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Part A Work Product Components

1. User Guide.
2. Data structure (inserted as a file from DBTextWorks into this Word document).
3. Validation Lists (for preco and postco fields, inserted as files from DBTextWorks).
4. Records Printout (inserted as a file from DBTextWorks).
5. Ideal Interface Layout.

1. Database User Guide & Help Page

Scope - This is a surrogate database of fifteen articles in Library and Information Science. It is intended for use by MLIS students or anyone who is looking for information in articles in the field. The audience is assumed to be familiar with the concepts and vocabulary of information storage and retrieval.

Goals - This database aims at assisting the information needs of the user as it pertains to:

1. Retrieving a full citation for a journal article for which they currently have only partial information;
2. Retrieving citations and abstracts for articles about selected information retrieval subjects.

User Guide - Detailed instructions for each field follow after each query:

1. Document Number

This is an automated field that assigns a unique numerical identifier to each citation in the database. This field is populated automatically with no input from the user.

2. Primary Author

Type in the primary author of the article you want to retrieve. (Examples: "Dervyn, Brenda" or "Dervyn" or "Brenda" or "Brenda Dervyn"). This field allows users to retrieve all articles by an author. The user can employ Boolean operators to combine this field with other fields for a more refined search.

3. Secondary Author

Type in the secondary author of the article you want to retrieve. (Examples: "Dervyn, Brenda" or "Dervyn" or "Brenda" or "Brenda Dervyn"). This field allows users to specify a co-author. The user can employ Boolean operators to combine this field with other fields for a more refined search.

4. Title

Type in the title of the article, or a word or phrase in the title. (Examples: "Interfaces for searching the web" or "Interfaces").

5. Publication Name

Type in a journal or publication name, or a word or phrase in the name of the journal or publication. (Example: "Online" or "Scientific American")

6. Year of Publication

Type in the year in which the article was published. (Example: "1998").

7. From Year

Type in the beginning of a year range in the same "YYYY" format.

8. To Year

Type in the end of a year range in the same "YYYY" format.

9. Journal Issue

Some articles may have a corresponding journal issue number, quarterly, month, etc. Type in the issue number digits or the other issue identifier (Example: "12" or "January" or "Summer" etc.).

10. Volume Issue

Some articles may have a corresponding volume issue number. Type in the volume number digits. (Example: "9").

11. Subject

Type in the word(s) or phrase(s) that make up the particular subject of the article you are searching for. There are two fields to enter subject(s) into. Separate multiple subjects with commas. (Example: "Internet" or "metadata projects, academic libraries")

12. Keywords

Type in the word(s) that will occur frequently in the article you are searching for. There are two fields to enter keyword(s) into. Separate multiple keywords with commas.

2/3/4. Lipstick Librarians: Dbtextworks Textbase Structure, Validation Lists & Records

Textbase Structure

Textbase: C:\Documents and Settings\Mona Solis\Desktop\Assignments\LIBR 202-03\FINAL PROJECT\LL DATABASE\LL DATABASE

Created: 12/2/2004 7:10:47 PM

Modified: 12/4/2004 10:46:09 PM

Field Summary:

1. Primary Author: Text, Term & Word
2. Secondary Author: Text, Term & Word
3. Title: Text, Term & Word
4. Publication Name: Text, Term & Word
5. Year of Publication: Number, Term
6. Journal Issue: Number, Term
7. Volume Number: Number, Term
8. Subject s: Text, Term & Word
9. Keyword s: Text, Term & Word

Log file enabled, showing 'Primary Author'

Leading articles: a an the

Stop words: a an and by for from in of the to

Textbase Defaults:

Default indexing mode: SHARED IMMEDIATE

Default sort order: <none>

Textbase passwords:

Master password = "

0 Access passwords:

No Silent password

Primary Author Hearst, Marti A.

Title Interfaces for searching the web

Publication Name Scientific American

Year of Publication 1997

Journal Issue 276

Volume Number 3

Subject s Internet searching

search engine

search engines

interfaces

interface design

Keyword s Internet

Internet searching

online

world wide web

WWW

interface
interfaces
interface design
interface system
interface systems
interface technology
search engine
search engines
sense-maker
sense-making
tilebar
tilebars

Primary Author Milstead, Jessica

Secondary Author Feldman, Susan

Title Metadata: Cataloging by any other name

Publication Name Online

Year of Publication 1999

Journal Issue Spring

Subject s metadata

metadata project
metadata projects
metadata standard
metadata standards
Internet searching
Internet
World Wide Web
WWW
search engine
search engines

Keyword s metadata

metadata project
metadata projects
Internet
Internet searching
online
world wide web
WWW
catalogs
indexing
standardization
vocabulary
vocabularies

Primary Author Ury, Connie Jo

Secondary Author Johnson, Carolyn V., Meldrem, Joyce A.

Title Teaching a heuristic approach to information
retrieval

Publication Name Research Strategies

Year of Publication 1997

Journal Issue 15

Volume Number 1

Subject s heuristic research model

- library instruction
- information retrieval skills
- information retrieval skill

Keyword s research

- search behavior
- search behaviors
- search strategy
- search strategies
- academic libraries
- academic library

Primary Author Swanson, Don R.

Title Historical note: Information retrieval and
the future of an illusion

Publication Name Journal of the American Society for
Information Science

Year of Publication 1988

Journal Issue 39

Volume Number 2

Subject s automatic indexing

- text searching
- text search

Keyword s conceptual problems

- conceptual problem
- experiment
- experiments
- access
- relevance
- recall
- pertinence
- bibliographic pattern
- bibliographic patterns
- word combination
- word combinations
- mechanized procedure
- mechanized procedures
- retrieval effectiveness
- precision
- outcome
- postulate
- postulates
- postulate of impotence
- postulate of synthesis
- postulate of fertility
- intelligence analysis
- connection
- connections
- co-citation

Primary Author Gauch, Susan
Title Intelligent information retrieval: An
introduction
Publication Name Journal of the American Society of
Information Science
Year of Publication 1992
Journal Issue 43
Volume Number 2
Subject s artificial intelligence
artificial intelligence technique
artificial intelligence techniques
interface
interfaces
interface system
interface systems
interface systems technology
natural language
search strategy
search strategies

Keyword s information retrieval applications
information retrieval application
thesauri
query formulation
query reformulation
interface technology
interfaces
interface technologies
interface
relevance
simple interaction
knowledge representation
CANSEARCH
I3R
Gauch's query reformulation
EX-P
PLEXUS
SCISOR

Primary Author Buckland, Michael K.
Title What is a "document"?
Publication Name Journal of the American Society for
Information Science
Year of Publication 1997
Journal Issue 48
Volume Number 9
Subject s documents
document
Keyword s documents
document
documentation

physical representation
managing data
bibliography
printed texts
printed text
texts
text
index
indexing
cognitive aspects
cognitive aspect
material culture
relevance

Primary Author Huston, Mary M.

Title Windows into the search process: An inquiry
into dimensions of online information retrieval

Publication Name Online Review

Year of Publication 1991

Journal Issue June-August

Subject s library design
future library design
system integration

Keyword s Internet

World Wide Web
web
WWW
human context
search process
online
integration

Primary Author Bates, Marcia J.

Title Subject access in online catalogs: A design
model

Publication Name Journal of the American Society for
Information Science

Year of Publication 1986

Journal Issue 37

Volume Number 6

Subject s online subject catalog access
subject heading index
design principles
design principle

Keyword s subject access

online
web
Internet
WWW
world wide web
integration

precoordinate
postcoordinate
specific entry
uniform heading
system component
system components

Primary Author Ortiz-Repiso, Virginia

Secondary Author Moscoso, Purification

Title Web-based OPACs: Between tradition and
innovation

Publication Name Information Technology and Libraries

Year of Publication 1999

Journal Issue 18

Volume Number 2

Subject s OPAC

OPACs
interface technology
cataloging

Keyword s information retrieval system

information retrieval systems
interfaces
interface design
user interface
user interfaces
database design
database structure
catalog
catalog online category
bibliographic pattern
hypertext
MARC
SGML
XML
main entry
ISBN
cataloging rule
cataloging rules
cataloging format

Primary Author Applegate, Rachel

Title Models of user satisfaction: Understanding
false positives

Publication Name RQ

Year of Publication 1993

Journal Issue 32

Volume Number 4

Subject s information retrieval system

information retrieval systems
IRS
end user computing

Keywords cognitive psychology

- determinants of satisfaction
- disconfirmation
- empirical study
- end user
- end users
- end user behavior
- false positive
- false positives
- information seeker
- information seekers
- information seeking behavior
- information seeking behaviors
- information retrieval skill
- information retrieval skills
- information retrieval system performance
- measurement of expectations
- precision
- query formulation
- relevance
- retrieval success

Primary Author Lynch, Clifford

Title Searching the Internet

Publication Name Scientific American

Year of Publication 1997

Journal Issue 276

Volume Number 3

Subject s Internet

- world wide web
- WWW
- automated indexing

Keywords Internet

- Web
- World Wide Web
- WWW
- Online
- Internet searching
- Internet searches
- hypertext
- web crawler
- web crawlers
- search engine
- search engines
- spiders
- spider
- metadata
- metadata standards
- Harvest
- Dublin Core

Dublin Core metadata
Warwick Framework
Primary Author Dervyn, Brenda
Secondary Author Dewdney, Patricia
Title Neutral questioning: A new approach to the
reference interview
Publication Name Reference Quarterly
Year of Publication 1986
Journal Issue 25
Volume Number 4
Subject s research
library instruction
information science
Keyword s Active Listening Information Seeking Behavior
open question
open questions
closed question
closed questions
reference interview
Situation Gaps Uses Model
Primary Author Buckland, Michael K.
Secondary Author Florian, Doris
Title Expertise, task complexity, and artificial
intelligence: A conceptual framework
Publication Name Journal of the American Society for
Information Science
Year of Publication 1991
Journal Issue 42
Volume Number 9
Subject s artificial intelligence
information science
Keyword s expert systems
artificial intelligence
intermediaries
interface
interfaces
cognitive model
cognitive models
cognitive task
cognitive tasks
Primary Author Lakoff, George
Title Women, fire, and dangerous things: What
categories reveal about the mind
Year of Publication 1987
Subject s Psycholinguistics
categorization
thought
thinking
reason

Keywords categories

- prototype theory
- properties in common
- human reason
- human reasoning
- empirical study
- empirical studies
- cognitive psychology
- scientific rigor

Primary Author Bates, Marcia J.

Title The design of browsing and berrypicking
techniques for the online search interface

Publication Name Online Review

Year of Publication 1989

Journal Issue 13

Volume Number 5

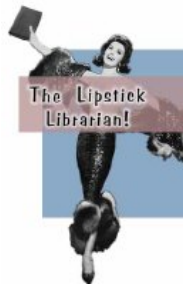
Subject s information research

- browsing
- database design
- interfaces
- interface design

Keywords berrypicking

- searches
- searching
- search behavior
- search behaviors
- browsing
- key design features
- search techniques

5. Ideal Interface Design



The Lipstick Librarian

An Information Retrieval Journal & Article Database

[? About the Database](#)

Primary Author	<input type="text"/>	AND
Secondary Author	<input type="text"/>	AND
Title	<input type="text"/>	AND
Publication Name	<input type="text"/>	AND
Year of Publication	<input type="text"/>	AND
OR From Year:	<input type="text"/>	AND
To Year:	<input type="text"/>	AND
Journal Issue	<input type="text"/>	AND
Volume Issue	<input type="text"/>	AND
Subject	<input type="text"/>	AND
Subject	<input type="text"/>	AND
Keywords	<input type="text"/>	AND
Keywords	<input type="text"/>	
<input type="button" value="View All Articles"/>		

[? Search Help](#)

Search

Search Tips

- Use the AND, OR, and NOT operators in between each field to create a more complex Boolean search.
- Use quotation marks around a phrase to find an exact match.
- To search for an author, use *Last name*, or *Last name First name* (no commas necessary), or *First name Last name*.