

Database Driven Web Sites @ NRL

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Outline

- Why create a Dynamic Web Site?
- How does a Dynamic Web Site work?
- Applications at NRL
- Future Dynamic Web Site Plans

Why bother?

- Site grows from one page to hundreds
- Web shifts from electronic brochures to primary point of service
- Undue burden to reorganize page with hundreds of links
- Personalization impossible without it

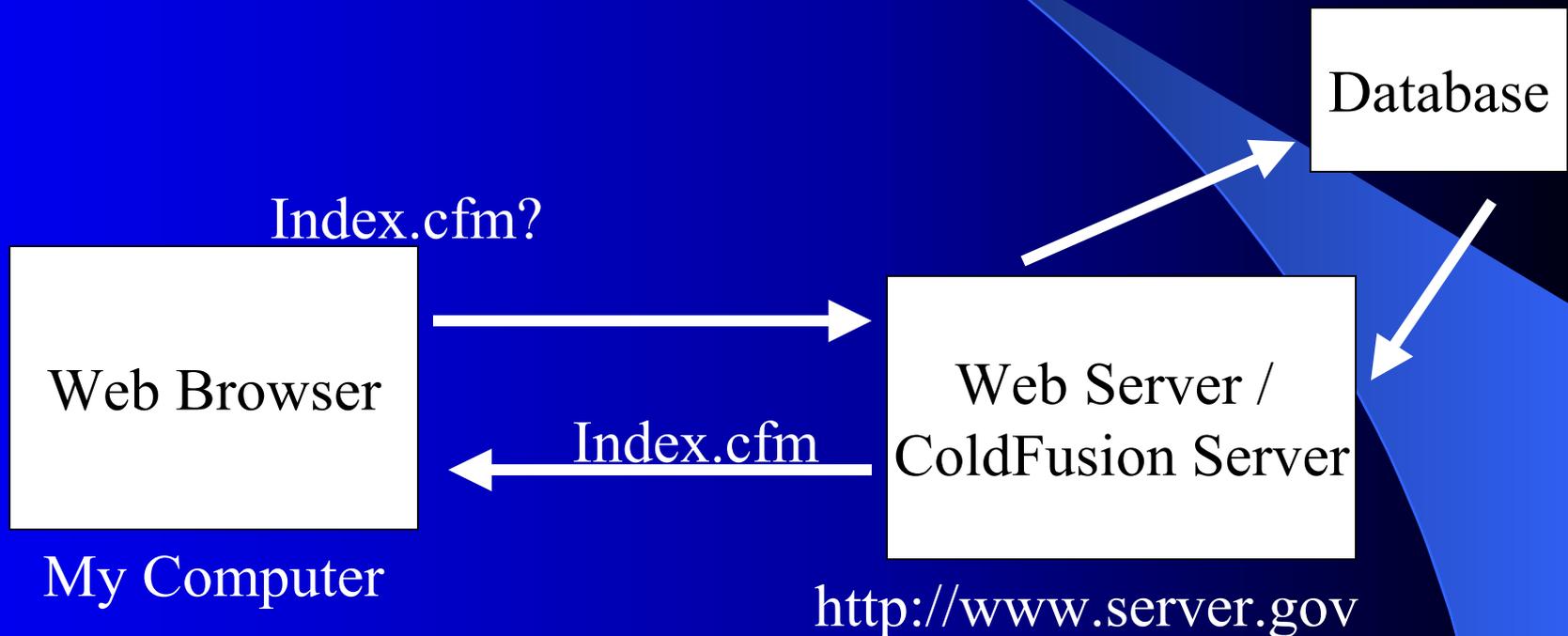
How does it work?

(Regular web session)



How does it work?

(Database-driven web session)



Applications @ NRL

- InfoWeb v.2
- TORPEDO *Ultra*
- Master Journal Database
- NRL Bibliography

InfoWeb v.2

- Create dynamic web site
- Browse by Subject feature
- Increase links to full content

Ruth H. Hooker Research Library



- Search
- Site Map
- Home
- Contact Us

About the Library

- Collections Available
- General Information
- Library Directory - Contact Information
- Library History
- Library Sections

Ask a Librarian

Browse by Subject

Library Catalog

Library Forms

Library Services

- Circulation
- InfoWeb Travel
- Interlibrary Loan (ILL)
- Reference Services Collection
- New Book Listserv
- NEWS@Library Listserv
- Photocopies
- Publications Ordering Service
- Research Reports

Online Databases

Online Journals

Online References

Staff

What's New



About the Library

Collections Available

- General Information
- Library Directory - Contact Information
- Library History

Library Sections - Various Library Sections Available.

The Research Library supports the research program of the Naval Research Laboratory by developing and maintaining an extensive collection of books, journals and technical reports. The research collection focuses on atmospheric science, biotechnology, chemistry, computer science, electrical and electronic engineering, electronic warfare, information technology, management, materials science, mathematics, oceanographic science, physics, radar, radiation science, remote sensing, and space science.



This research collection contains over 35,000 circulating and reference books, 1200 current journal subscriptions, and 60,000 bound journal volumes. In addition the Research Library has over a million technical reports stored as digital images, paper copy, and microfiche.



v.2

- Develop new, dynamic interface with more robust back-end
- Facilitate addition of hundreds of new titles
- Provide citation linking

TORPEDO

Ultra
Digital Library Initiative

Search

[Collections] [Journals]

Title:

Volume:

Author(s):

Issue:

Full Text:

Search

This section All of Torpedo

Browse

[Collections] [Journals]

Alphabetically

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

By Subject

- Arts and Humanities (0)
- Astronomy and Space Sciences (4)
- Atmospheric Sciences and Meteorology (6)
- Business, Education, and Law (3)
- Chemistry (65)
 - Biochemistry (16)
 - General (44)
 - Physical, Theoretical and Computational (20)
 - Polymers (4)
- Computer and Information Science (30)
- Earth Sciences and Environment (26)
- Engineering (75)
 - Electrical and Electronic Engineering (10)
 - Other Engineering (71)
- Life Sciences (19)
 - Agriculture and Animal Sciences (4)
 - Biological Sciences (15)
- Materials Science (42)
- Mathematical Sciences (19)
- Medicine and Health (7)
- Multidisciplinary Science (5)
- Oceanography (9)
- Physics (123)
 - Biophysics and Chemical Physics (26)
 - Condensed Matter (13)
 - General and Applied (60)
 - Instruments and Instrumentation (19)
 - Mathematical and Computational (6)
 - Mechanics, Fluid Mechanics and Statistical Mechanics (19)
 - Nuclear, Atomic and Molecular (16)
 - Plasma and Solar (4)
 - Waves Including Light and Sound (11)
- Psychology and Social Sciences (2)

Master Journal Database

- Merges six separately and manually-maintained lists
 - Currently subscribed journals
 - All journals held in library
 - Journals with TOCs available (Contents-to-Go)
 - Journals in TORPEDO *Ultra*
 - Journals with full content on web sites
 - Journals cancelled over last several years

MJDB TEST - Netscape

File Edit View Go Communicator Help

ABCDEFGHIJKLMNOPQRSTUVWXYZ

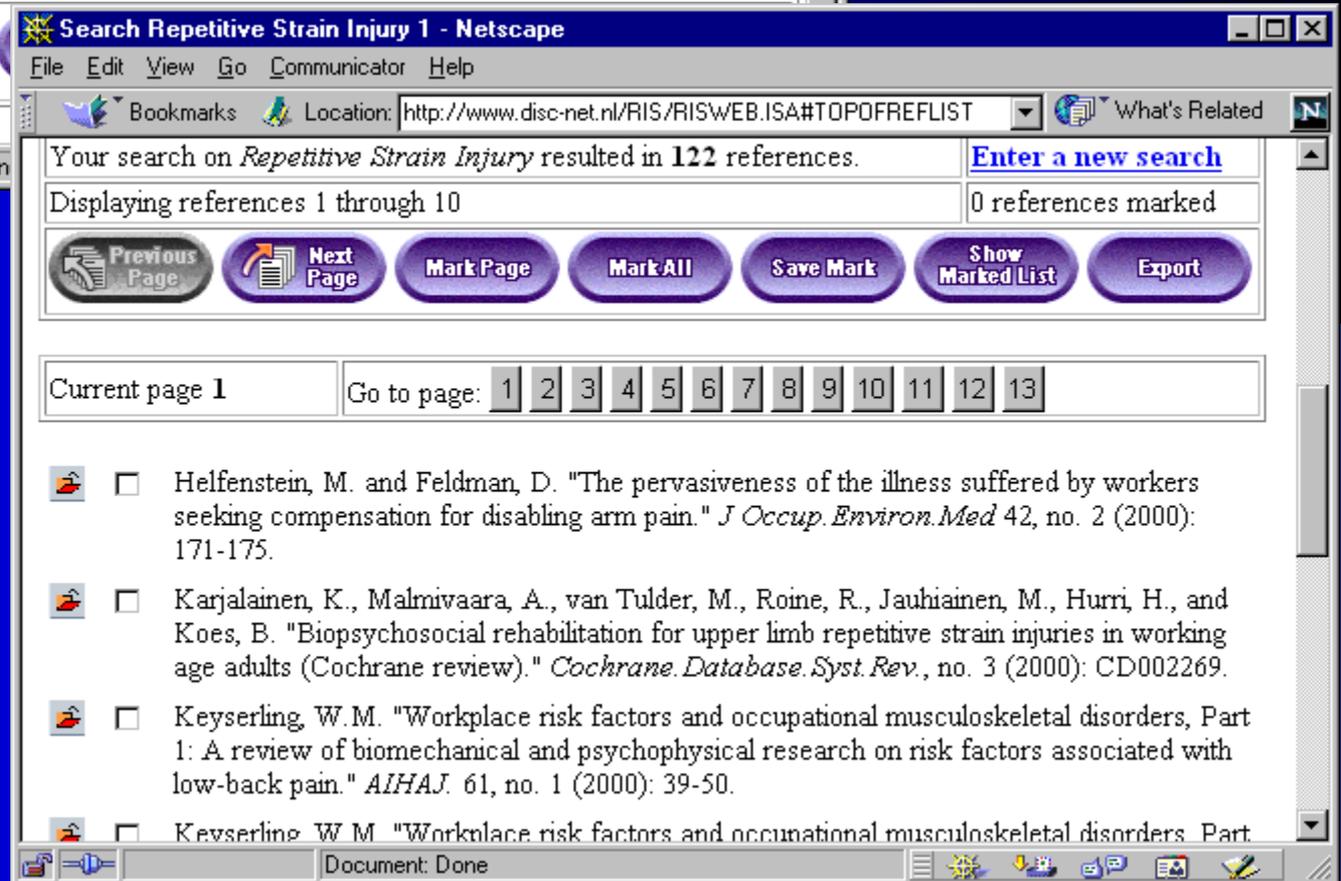
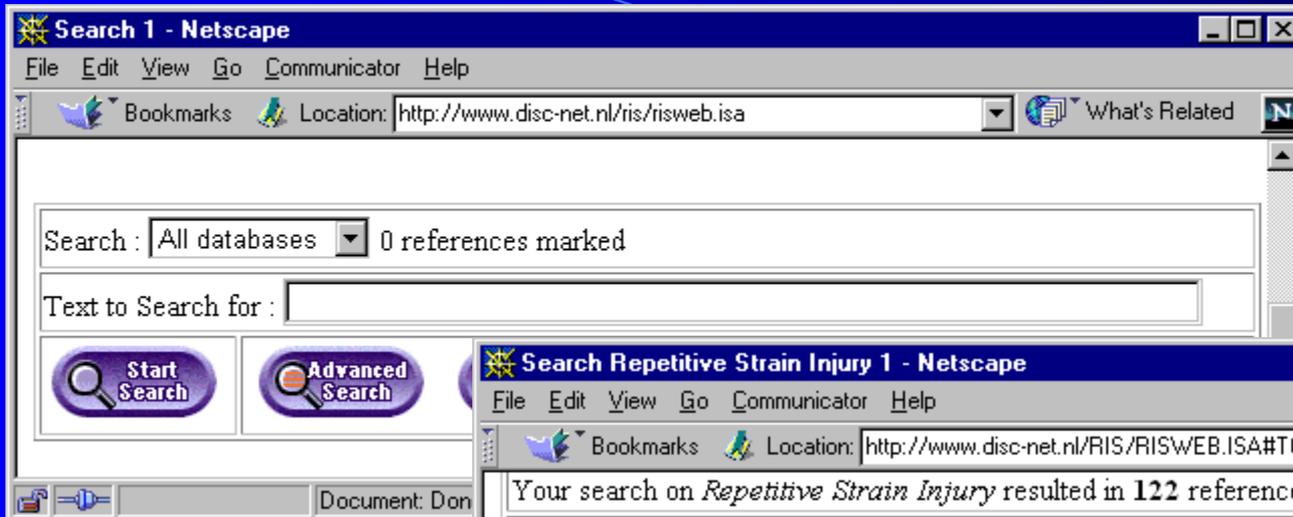
M O. Metalloberfläche	[admin]
Available in:	
MST Materials Science and Technology A Publication of the Institute of Metals	[admin]
Available in:	
MacUser	[admin]
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ISSN:	0884-0997
Available in:	Contents To Go
MacWEEK	[admin]
Available in:	
MacWorld	[admin]
Summary Holdings:	1-year retained
ISSN:	0741-8647
Available in:	Contents To Go
Machine Learning	[admin]
Available in:	Contents To Go
Machine Translation	[admin]
Available in:	Contents To Go

Document: Done



NRL Bibliography

- Bibliographic data entry in ProCite
- Networked using Reference Web Poster



For More Information...

NRL Library Home Page

<http://infoweb.nrl.navy.mil>

NRL Library Web Planning Document

<http://infoweb.nrl.navy.mil/~jamesk/Webplan.html>

NRL Library Staff Bibliography

<http://infoweb.nrl.navy.mil/services/IV2000/LibBib.html>

