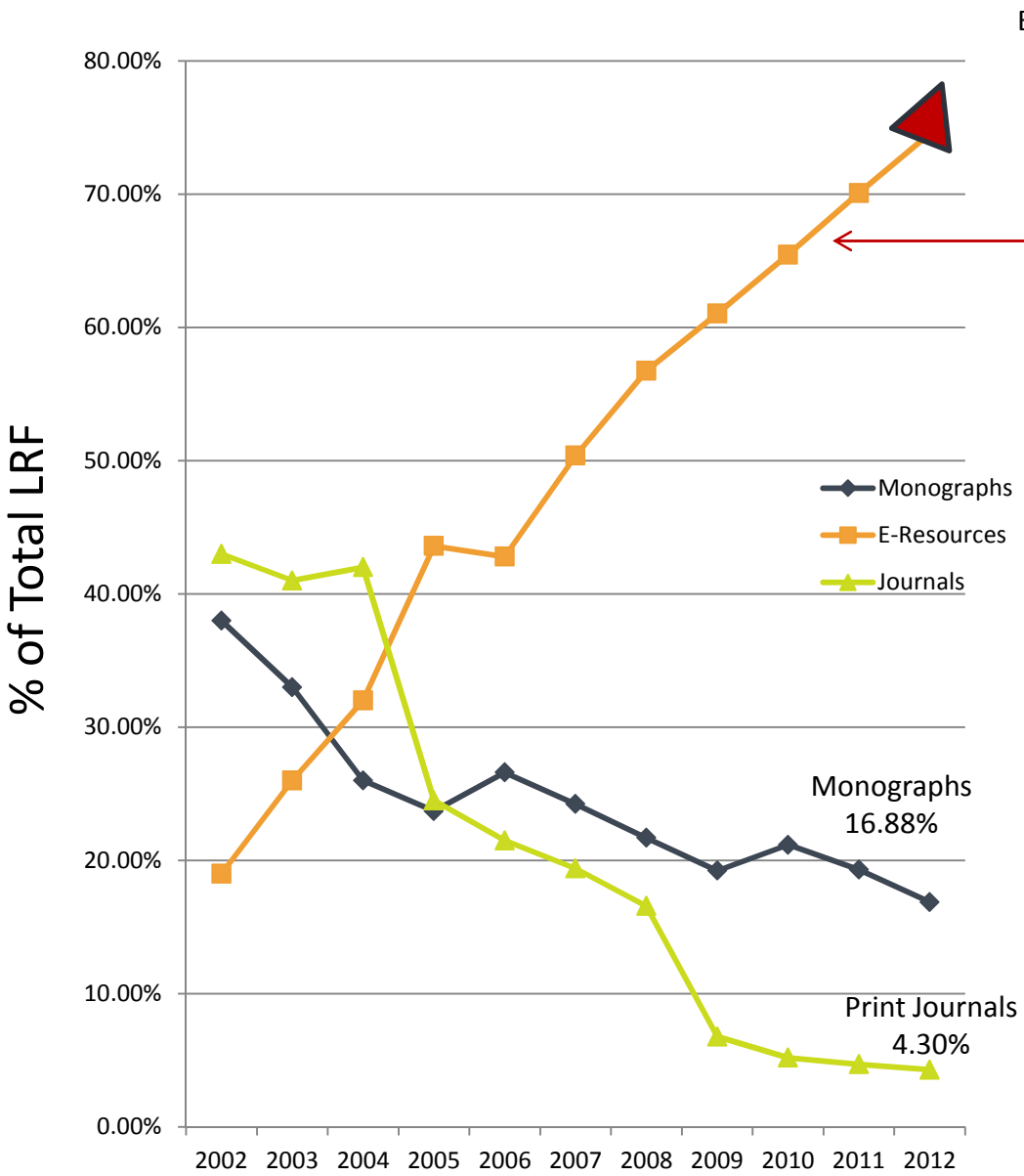
DIY E-Resource Management

ELECTRONIC RESOURCE MANAGEMENT (ERM)

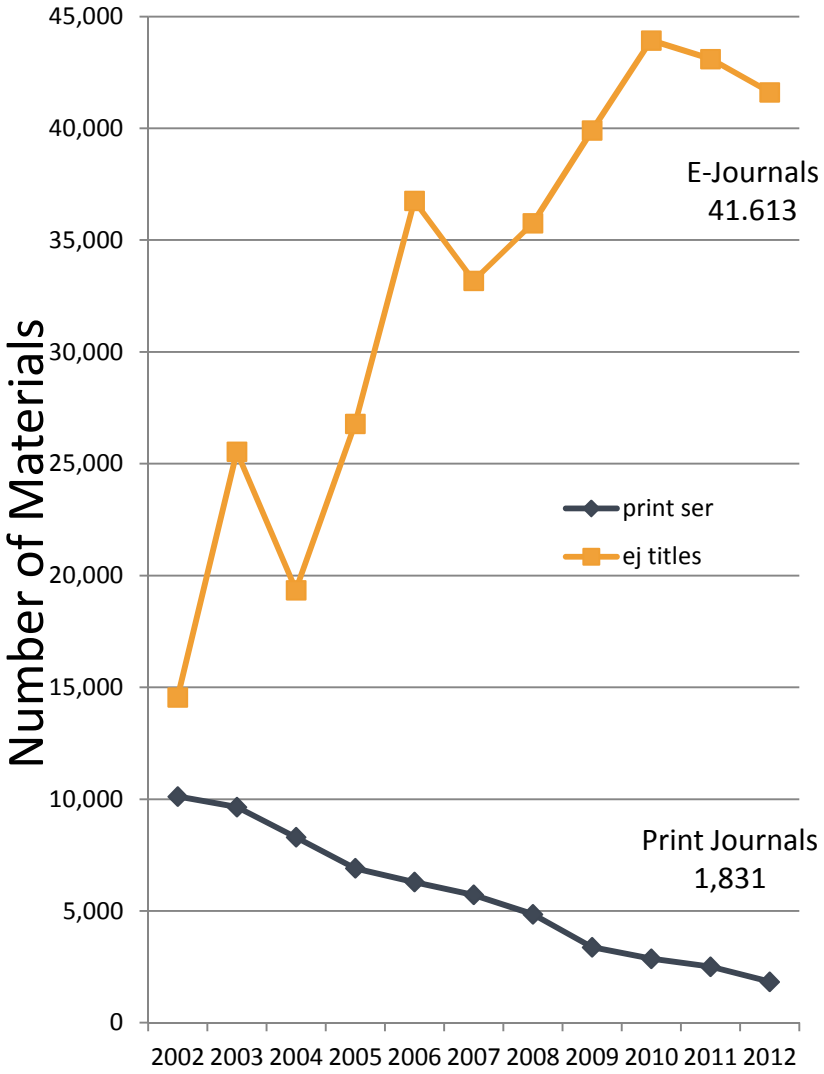
WHY?

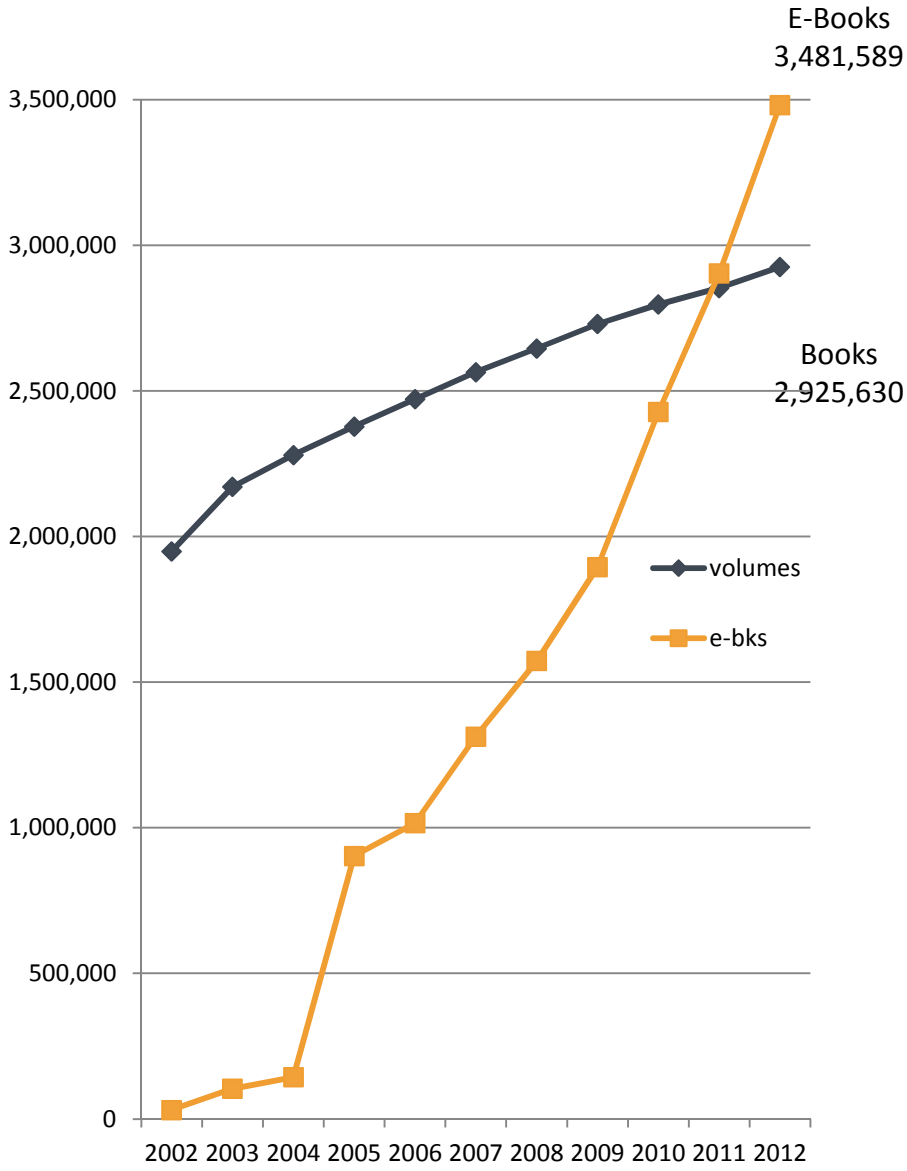
HKU, Library Resource Fund %, 2002 - 2012



Tail of the Dragon

HKU, Number of Materials. 2002-2012.





ERM – What is it? (What should it be?)

- Workflow management
- License management
- Statistics management
- Administrative information
- Acquisitions Functionality
- Integration with other systems
- Subscription management
- Public display
- Vendor contact information
- Etc.

"Building a Better ERMS," *Library Journal* (March 2011): Maria Collins & Jill Grogg

Interoperability / Integration

- MARC record service
  - Titles come and go
- Knowledgebase
  - Link resolver
  - Holdings update
- Public view
  - OPAC
  - A ~ Z list
- Access control
  - Authentication
  - Proxying

Solutions: Proprietary

Product	Vendor
Verde	Ex Libris
Millennium ERM	Innovative Interfaces
Web-scale Management Services	OCLC
EBSCONET ERM Essentials	Ebsco
ERM as a Service	Swets
E-Resources Services	Harrassowitz
Journal Finder	WT Cox
360 Resource Manager	Serials Solutions
TERMS Core ERMS	TDNet
Gold Rush	Colorado Alliance

Solutions: Open Source

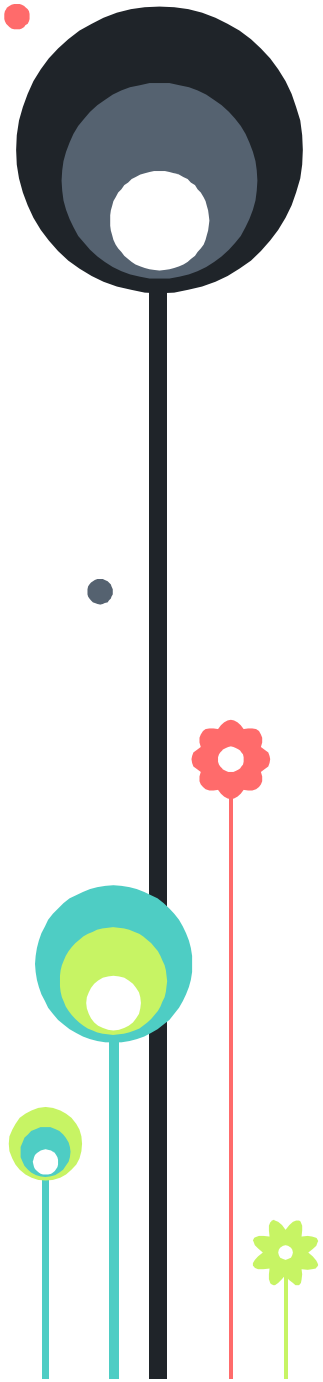
Product	Source
E-Matrix	North Carolina State University
CUFTS	Simon Fraser University
CORAL	University of Notre Dame
ERMes	University of Wisconsin-La Cross

THE GOOD, THE BAD, & THE UGLY

"For instance, even as many librarians praised ERM systems for finally consolidating ERM-related data,

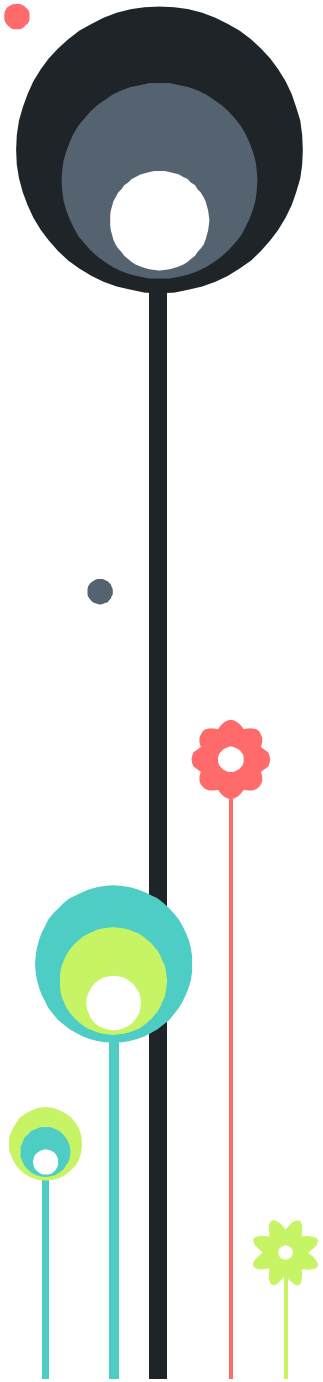
others emphasized that the data traditionally housed in the ILS environment—such as cost, fund, and vendor data—remains segrated from the ERMS without easy means for data transfer."

-- Collins & Grogg, 2011



"Several librarians described the data within their ERM systems as static and only as good as their ability to maintain it. The increase in workload has resulted in increased staffing needs for many libraries."

-- Collins & Grogg, 2011

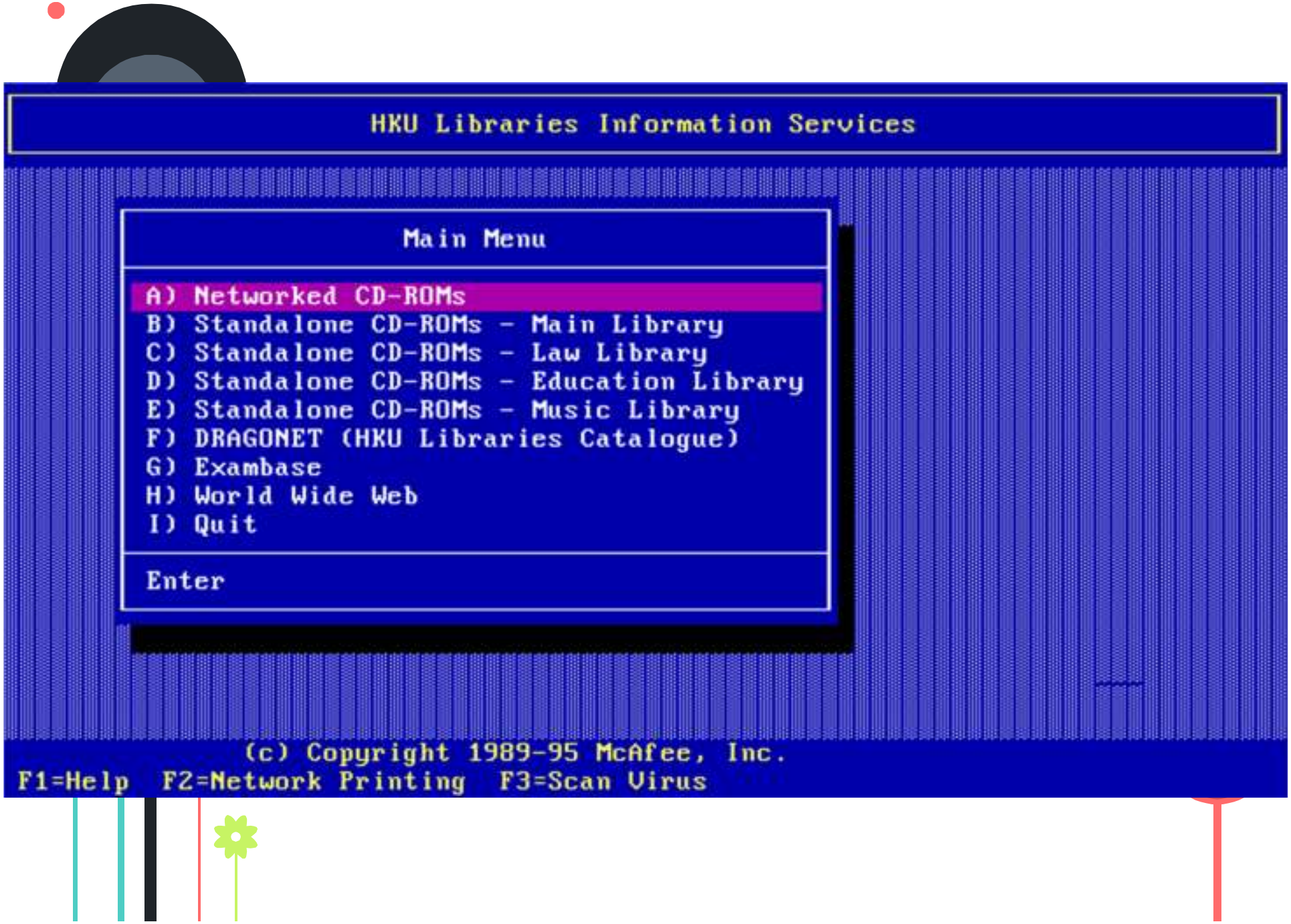


"Librarians complained that they often end up piecing together manual workflows to accommodate ERM tasks."

-- Collins & Grogg, 2011

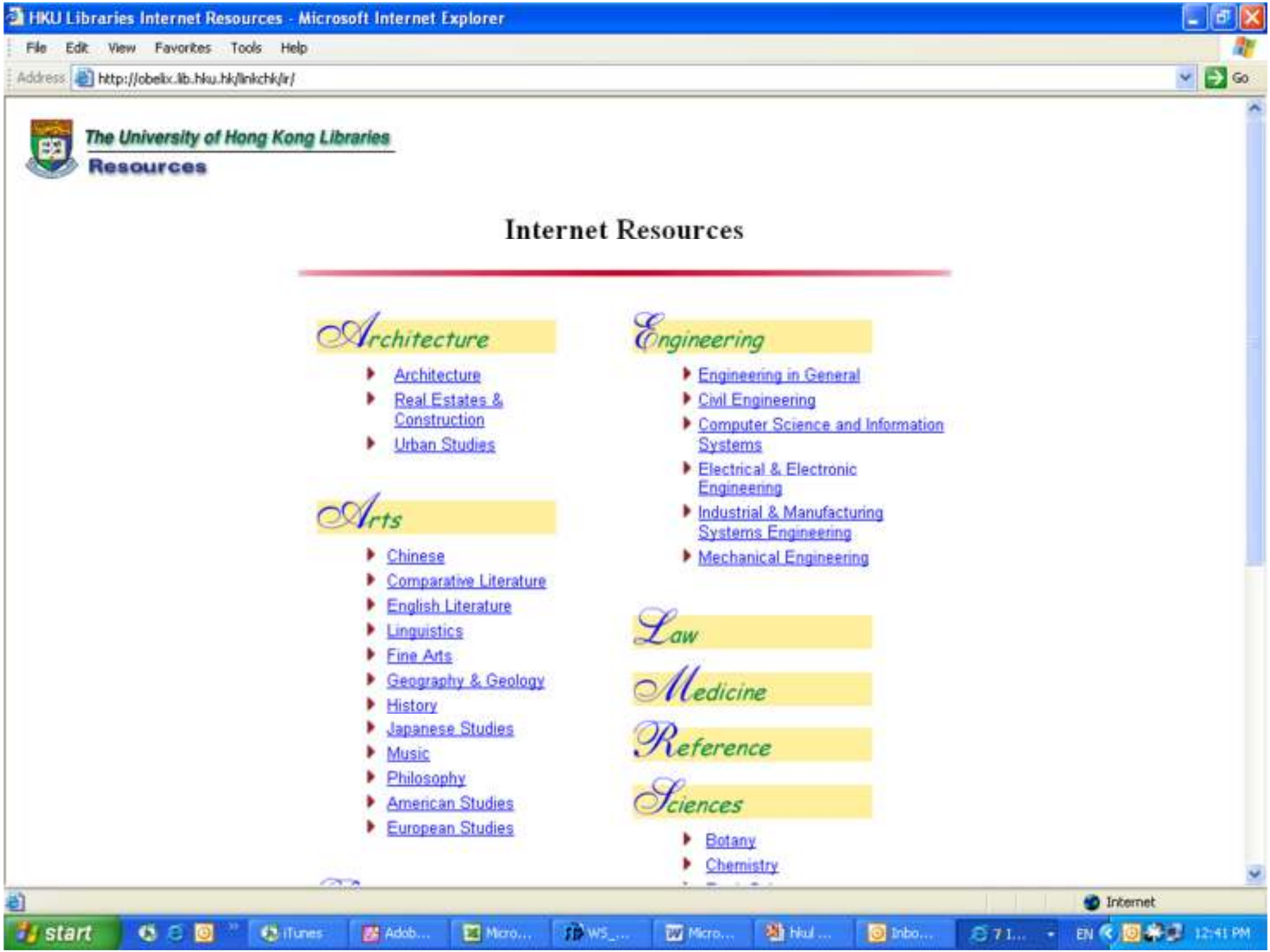
The Problem

- Several overlapping menus & lists
- Different & overlapping platforms: CD ROMs & Web
- Different groups updating different menus & lists
- Different schedule for updating
- Broken links
- No one knew who to contact to fix each different menu & list
- → → A nightmare!


HKU Libraries Information Services
Main Menu
A) Networked CD-ROMs
B) Standalone CD-ROMs - Main Library
C) Standalone CD-ROMs - Law Library
D) Standalone CD-ROMs - Education Library
E) Standalone CD-ROMs - Music Library
F) DRAGONET (HKU Libraries Catalogue)
G) Exambase
H) World Wide Web
I) Quit
Enter
(c) Copyright 1989-95 McAfee, Inc.
F1=Help F2=Network Printing F3=Scan Virus

Menu System 2.22. HKU Computer Centre, update 06/1993.
Main Menu
Communications
Meridian CD Net
Eten Chinese System 3.5
Kuo-Chiau Chinese System
WordPerfect
Scan Viruses
DBase IV
Lotus Software
WINDOWS 3.1
Harvard Graphics 3.0
Campus Wide Information Service
Hytelnet 6.5
PC-SIG Library
Select Network Printers
DOS, Netware & Printer Commands
MIS (For Administrators Only)
Dialog Access
Cursor Keys or First Letter to select. <Enter>=execute. <Escape>=exit.

LIBCDFFS: Main - WinU
Information Navigation Menu
HKU Libraries Home Page
Video on the WEB
DRAGON (HKU Libraries Catalogue)
Standalone CD-ROMs (Main Library)
Standalone CD-ROMs (Law Library)
Standalone CD-ROMs (Dental library)
Network Printer Connection
Unionway
SciFinder Scholar
Previous Menu
SETUP


HKU Libraries Internet Resources - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Address http://obelix.lib.hku.hk/linkchk/ir/
Go
The University of Hong Kong Libraries
Resources
Internet Resources
Architecture
Architecture
Real Estates & Construction
Urban Studies
Arts
Chinese
Comparative Literature
English Literature
Linguistics
Fine Arts
Geography & Geology
History
Japanese Studies
Music
Philosophy
American Studies
European Studies
Engineering
Engineering in General
Civil Engineering
Computer Science and Information Systems
Electrical & Electronic Engineering
Industrial & Manufacturing Systems Engineering
Mechanical Engineering
Law
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GOALS

- Content Management
  - One repository for the life of the content;
  - If data is entered in “place A”, let that be the only place it need be entered
  - Let existing workflows for print integrate with those for e-resources

Integrated Library System (ILS)

- Data was already entered in Acq, Cat, and Serials modules
- Database of record
- All other views could be derived from ILS
- => Multipurposing of data!

- Build from this:
  - A ~ Z list
  - Ezproxy file
  - Knowledgebase for link resolver
  - Statistics for Collection Development