



Recent Developments in Information Management

Yaşar Tonta

Department of Information Management

Hacettepe University

tonta@hacettepe.edu.tr

yunus.hacettepe.edu.tr/~tonta/tonta.html



- Ubiquitous computing
- Ubiquitous access to information
- Personalization
- Portals
- Information Architecture
- Open Access
- Search Mechanisms
- Institutional Repositories
- What can be done?

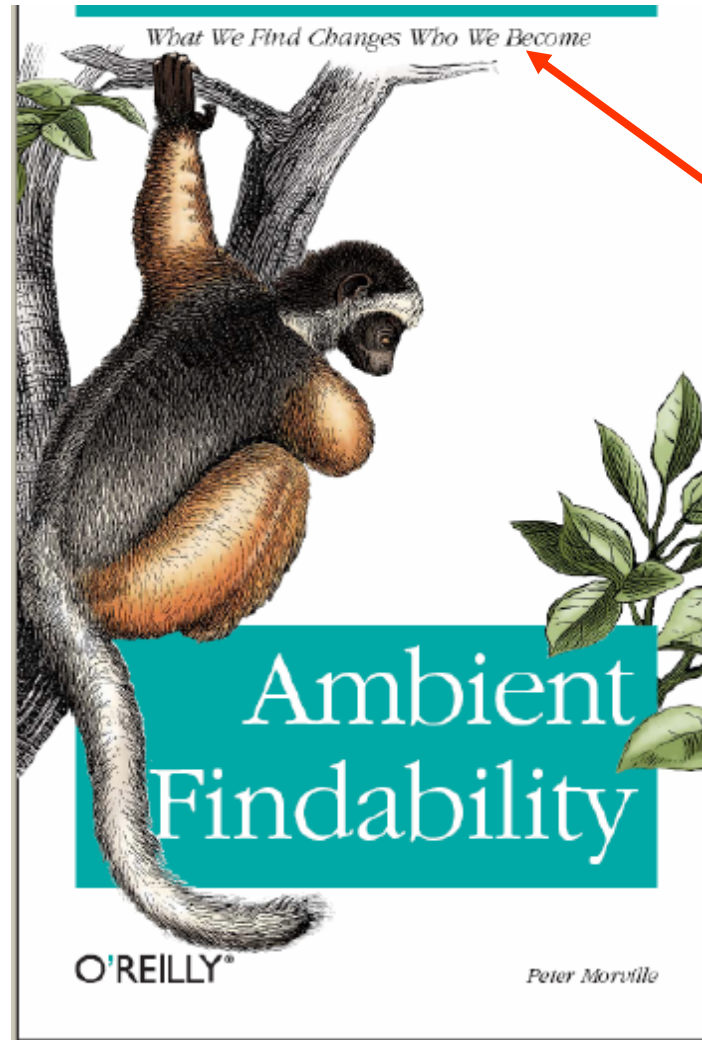
How ICTs could really change the world



- Peer-to-peer or device-to-device networks
- Precise local spatial data embedded in every device and application
- Sensor fusion – integration of devices that measure temperature, movement, pressure, acceleration, flow, electrical use, radioactivity, chemical composition
- Unique identity systems

Source: Gage, 2002

“What we find changes who we become”





By integrating a mobile phone and Palm Powered organizer with wireless email, text messaging, and web browsing, the Treo connects me with global communication and information networks. I can make a phone call, send email, check the weather, buy a book, learn about Newport, and find a restaurant for lunch. The whole world is accessible and addressable through this 21st Century looking glass in the palm of my hands.”
(p. 1)



We're creating all sorts of new interfaces and devices to access information, and we're simultaneously importing tremendous volumes of information about people, places, products, and possessions into our ubiquitous digital networks. (p. 2)



- There's a company called Ambient Devices that embeds information representation into everyday objects: lights, pens, watches, walls, and wearables. You can buy a wireless Ambient Orb that shifts colors to show changes in the weather, stock market, and traffic patterns based on user preferences you set on a web site. (p. 3)



- From the highways of Seattle and Los Angeles to the city streets of Tokyo and Berlin, embedded wireless sensors and real-time data services for mobile devices are enabling motorists to learn about and route around traffic jams and accidents. (p. 3)



- Delicious Library's social software turns an iMac and FireWire digital video camera into a multimedia cataloging system. Simply scan the barcode on any book, movie, music, or video game, and the item's cover appears on your digital shelves along with tons of information from the Web. This sexy, location-aware, peer-to-peer, personal lending library lets you share your collection with friends and neighbors. (p. 3)



- You can buy a watch from Wherify Wireless with an integrated global positioning system (GPS) that locks onto your kid's wrist, so you can pinpoint his location at any time. A nifty “breadcrumb” feature shows where your child has wandered over the course of several hours. Similar devices are available in amusement parks such as Denmark's Legoland, so parents can quickly find their **lost** children. (p. 3)



- Manufacturers such as Procter & Gamble have already begun inserting radio-frequency identification tags (RFIDs) into products so they can reduce theft and restock shelves more efficiently. These tags continue to function long after products leave the store and enter the home or business. (p. 4)



- At the Baja Beach Club in Barcelona, patrons can buy drinks and open doors with a wave of their hand, compliments of a syringe-injected, RFID microchip implant. The system knows who you are, where you are, and your exact credit balance. Getting “chipped” is considered a luxury service, available for VIP members only. (p. 4)

Internet bookmobile – Brewster Kahle



Internet bookmobile – Brewster Kahle





- Integration of electronic information services with other information-based services
- Personalization of electronic information services



- Removal of temporal and spatial barriers
- Remote access to information sources and services on a 24X7 basis from anywhere in the world
- “Instant gratification”



- Ownership dictates use of centralized IM models
 - “One source – one user”
- Impact of ICTs on IM: Centralized → Distributed
 - “One source – multiple users”
- Economic models: Centralized management → Personalization



- Personalization
 - “. . .selecting and filtering information objects or products for an individual by using information about the individual.”

Source: Koch, Möslin, Schubert, 2002



- Explicit / implicit personalization
- Active / passive personalization
- Personalization of display environment
- Personalization of collections / content
- Personalization of services



Amazon.co.uk Instant Book Recommendations - Netscape

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Bookmarks Location: www.amazon.co.uk/exec/obidos/subst/instant-recs/instant-recs-main.html/ref=w_h_w_1_2_irh/026-7381849-9561251

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amazon.co.uk BOOKS RECOMMENDATIONS

Hello, yasar ahmet tonta

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All Categories GO

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by Helen Fielding
Average Customer Rating: ★★★★★
Amazon.co.uk

7:15 am Hurrah! The wilderness years are over. For four

Reading file... Done

Start | Internet Explorer | Netscape | AOL | ... | 10:48

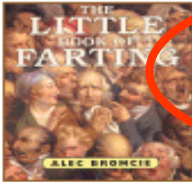
Amazon.com recommends . . .



Amazon.co.uk Instant Book Recommendations - Netscape

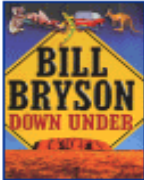
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Bookmarks Location: www.amazon.co.uk/exec/obidos/subst/instant-recs/instant-recs-main.html/ref=w_h_w_1_2_irh/026-7381849-9561251

5.  **The Little Book of Farting**
by Alec Bromcie
Average Customer Rating: ★★★★★

Synopsis
"The Little Book of Farting" is a collection of wise and witty words from the great men of history, philosophy and literature as well as contemporary views on the subject and up-to-date scientific discoveries.
[▶ Read more](#)

Our Price: £1.99 [Add to Shopping Basket](#)

6.  **Down Under**
by Bill Bryson
Average Customer Rating: ★★★★★

Amazon.co.uk
As his many British fans already know, bearded Yankee butterball Bill Bryson specialises in going to countries we think we know well, only to return with travelogues that are surprisingly cynical and yet shockingly...
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Document: Done

Start | E. | A. | I... | T. | t... | k... | E. | W.M. | M. | T. | T. | F. | Ti | 10:49

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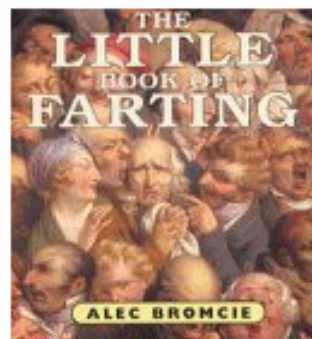
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The Little Book of Farting: A Fabis Abstinetes (Eat No Beans) - Pythagoras

[Alec Bromcie](#)

**Our Price: £2.50****Used Price: £0.20**

Free UK delivery on orders over £39 with Super Saver Delivery. See [details & conditions](#)

Availability: usually dispatched within 2 to 3 days.

Category(ies): [Humour](#)

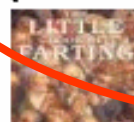
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Become a New Seller at Amazon.co.uk Marketplace by January 31, 2003 and get a [£3 gift certificate](#). Terms and conditions apply.

Paperback 128 pages (24 September, 1999)
Michael O'Mara; ISBN: 1854794450

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Portal definition

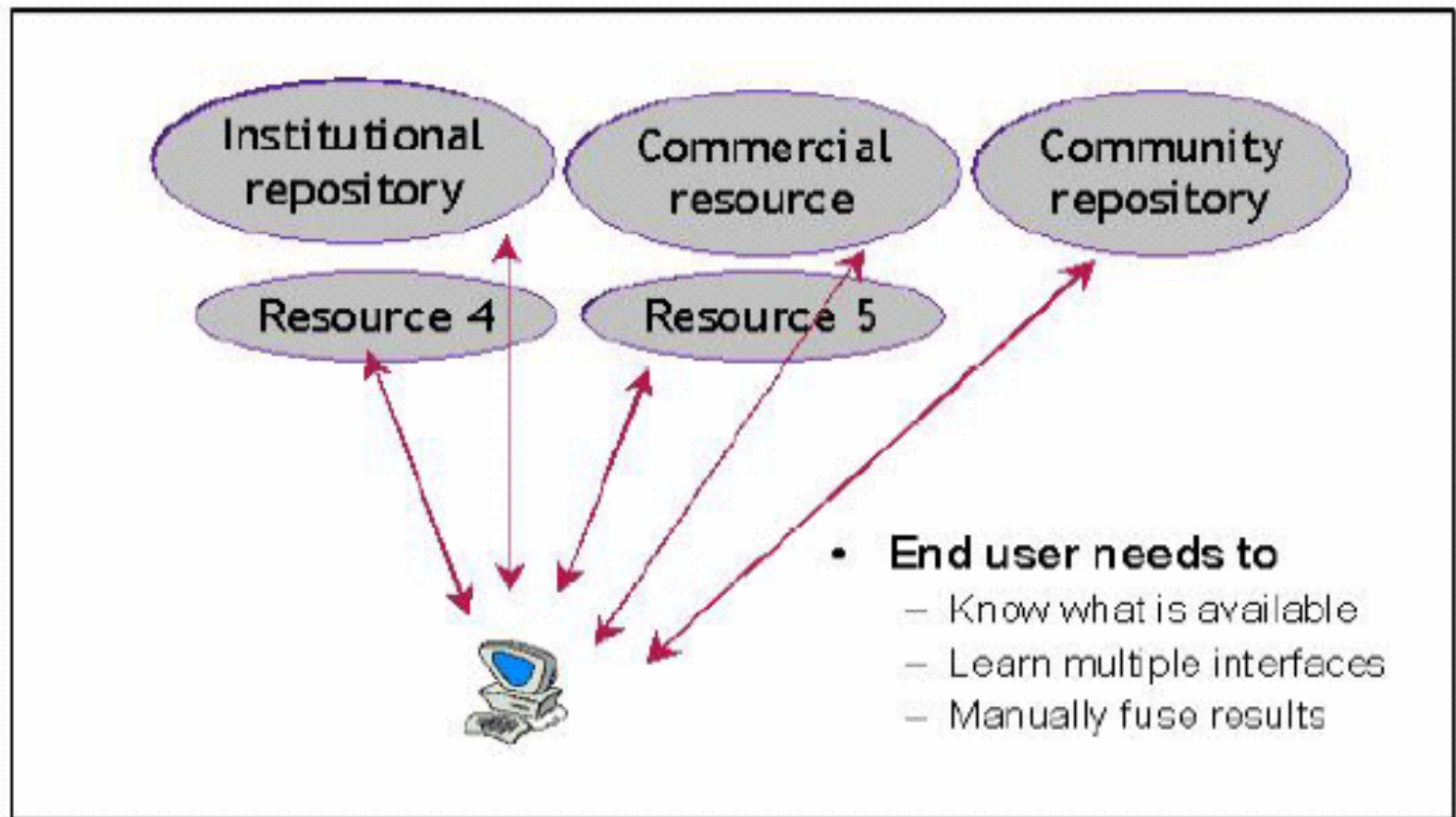


- Information hub
- Entry point to information sources and services
- Personalized sources based on personal demand or specific roles
- Collections organized to help different users



- Portal is not a strategy replacing effective use and management of information sources in a networked environment, but, rather, is part of such a strategy (Dempsey, 2003)
- Portal is an application that provides metasearch and support services (ARL)

Portal issue



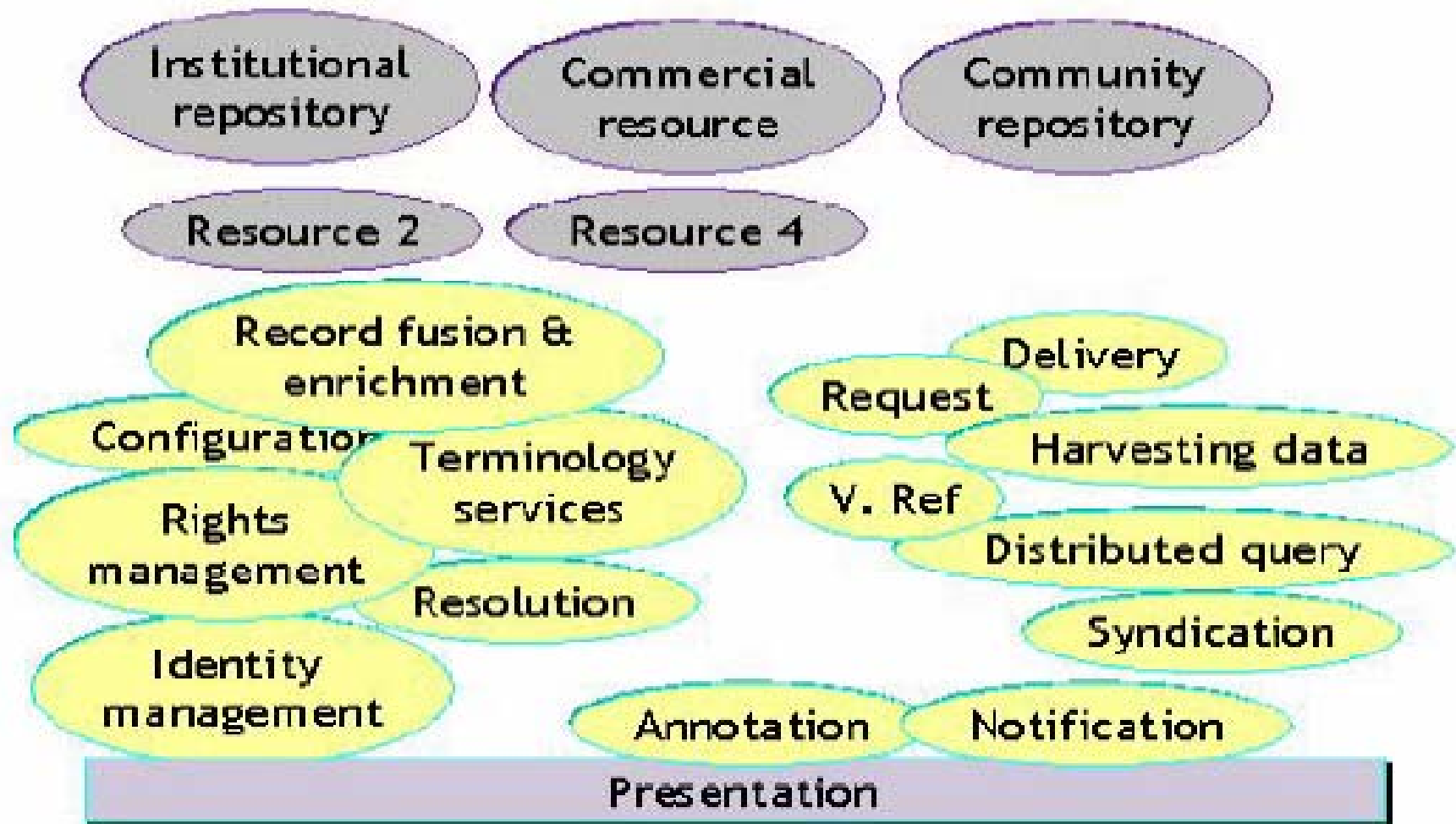
Source: Dempsey, 2003

A portal grid

	Static	Custom
Mediation		
Presentation		

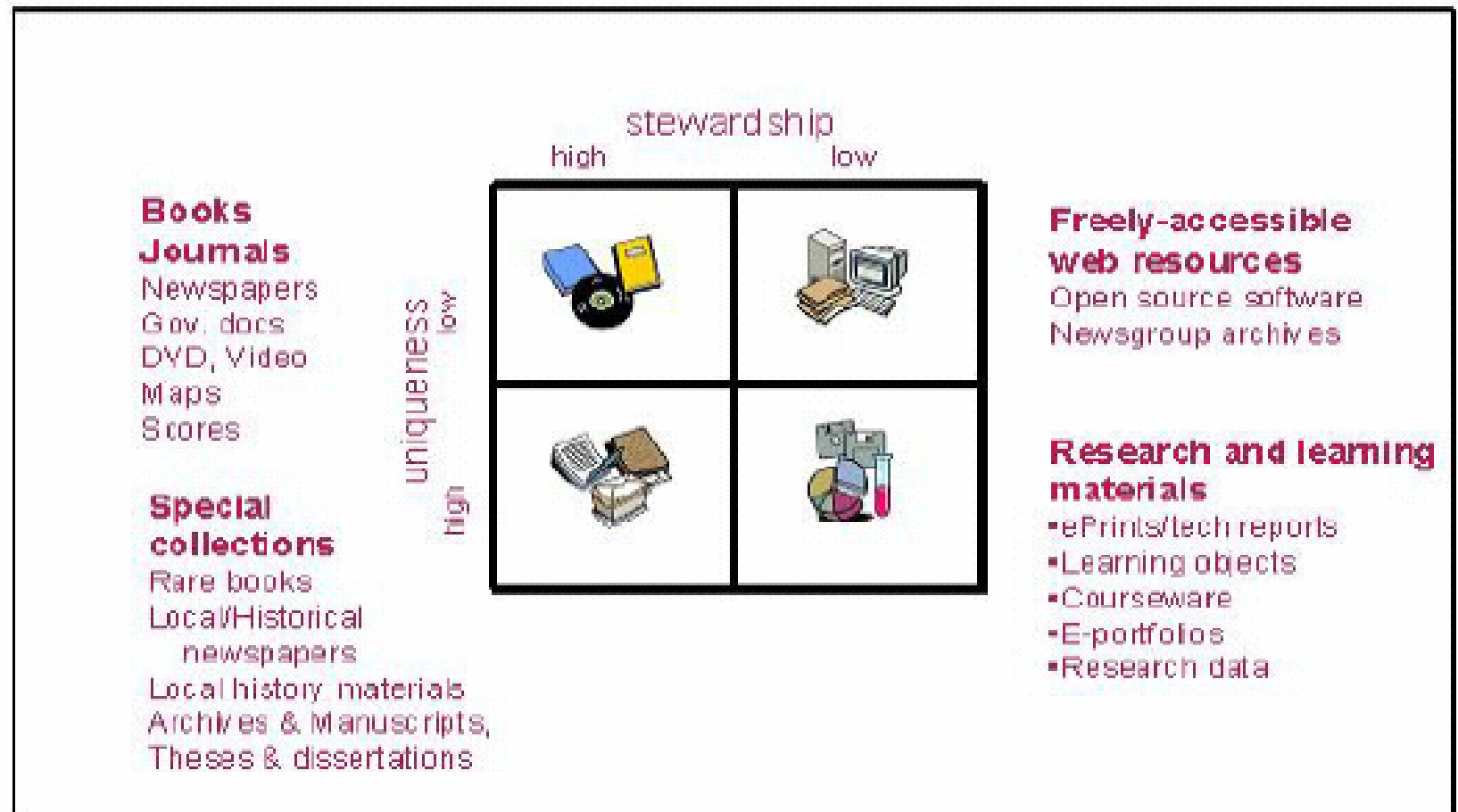
Source: Dempsey, 2003

Portal services



Source: Dempsey, 2003

Collections grid



Source: Dempsey, 2003



- Recognize users when they log on and personalize the content based on their rights and privileges (smart cards, biometric features)
- Need to move from “resource-centric” approach to “relationship-centric” approach (Carl Lagoze)
- Interoperability
 - with library automation systems, student information systems, financial systems, etc.
 - With e-banking, e-commerce, e-health, e-government, e-(l)earning systems



- Available vs. Accessible
- George Miller. “Magic Number Seven: Plus or Minus Two”
- Top Ten web design mistakes of all times

1. Bad search
2. PDF files for online reading
3. Not Changing the Color of Visited Links
4. Non-Scannable Text
5. Fixed Font Size

6. Page Titles With Low Search Engine Visibility
7. Anything That Looks Like an Advertisement
8. Violating Design Conventions
9. Opening New Browser Windows
10. Not Answering Users' Questions



Open Access

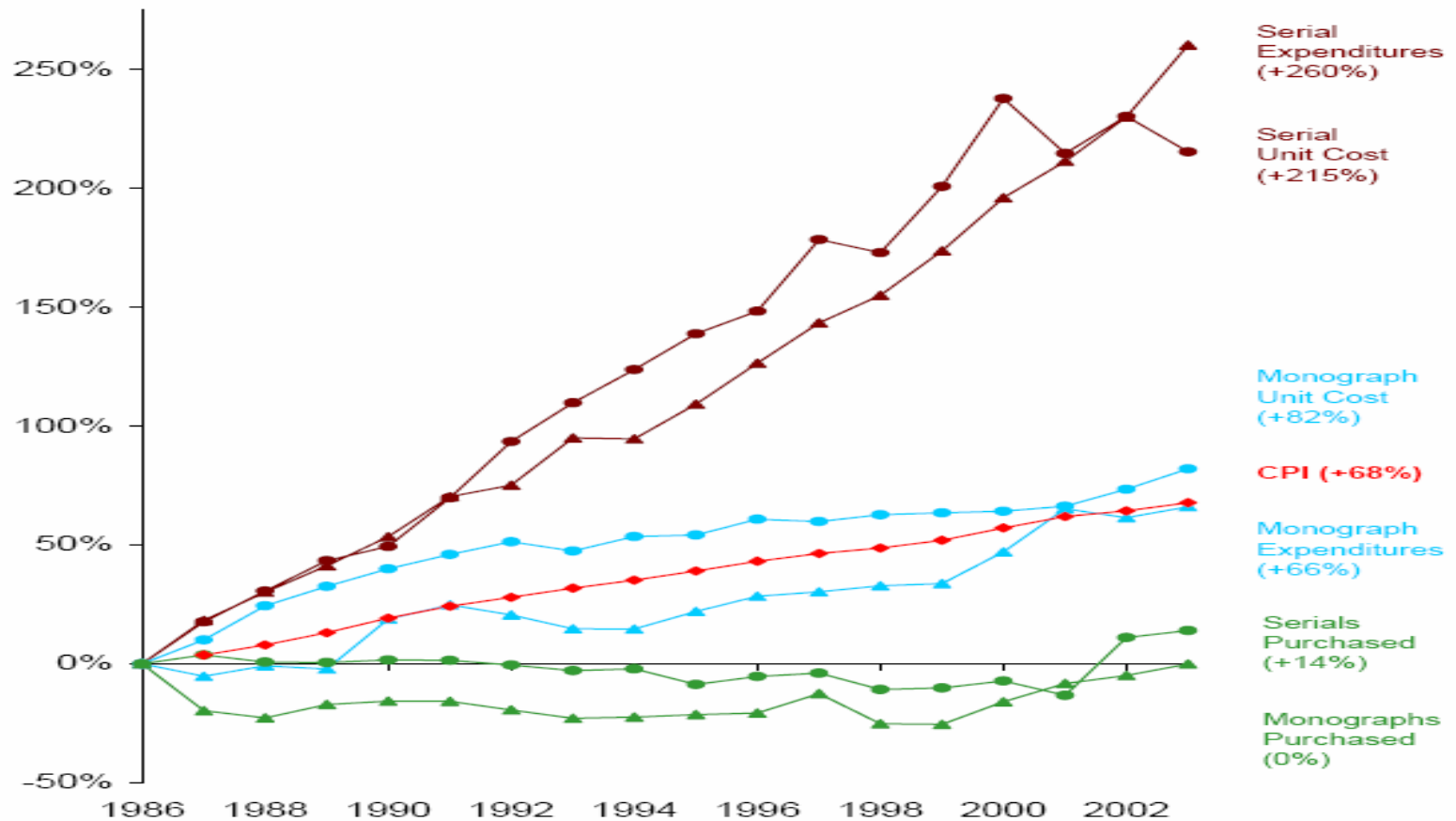


- 24,000 refereed journals
- 2.5 million articles per annum
- Journals are expensive
- Economic model is based on subscription

Increases in Journal Subscription Prices



Monograph and Serial Costs
in ARL Libraries, 1986-2003



Source: ARL Statistics 2002-03, Association of Research Libraries, Washington, D.C.
Copyright © 2004 Association of Research Libraries

Vicious Circle



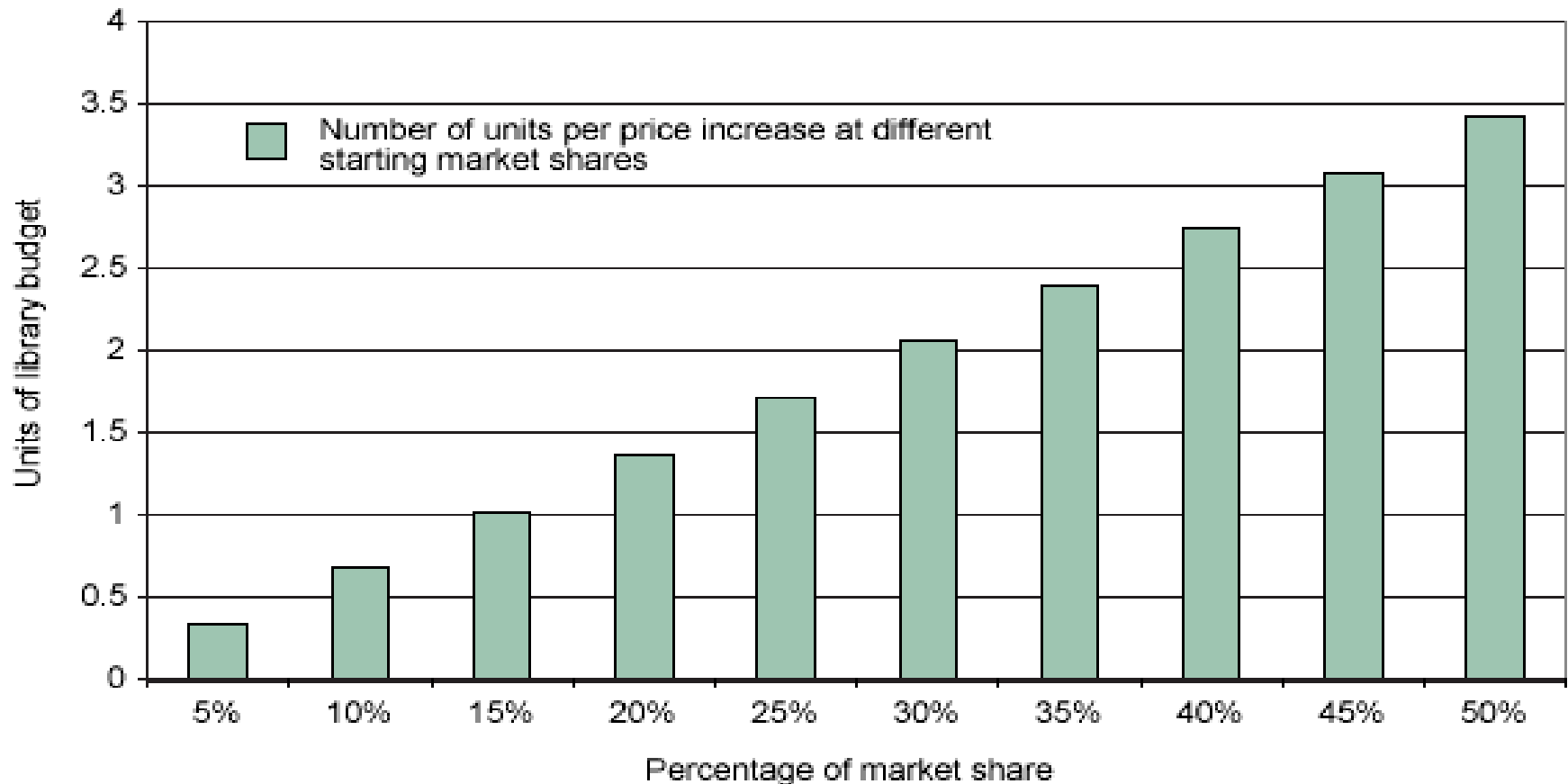
- Increase in journal subscription prices
- Some libraries cancel their subscriptions
- To make up lost income, publishers increase journal subscription prices further
- Some more libraries cancel their subscriptions
- To make up lost income, publishers increase journal subscription prices further
- Some more libraries cancel . . .

Some publishers have the potential to increase their market share by increasing their prices!



Figure 5

Impact of price increases on available library budgets



Credit Suisse First Boston, Scientific, Technical and Medical Publishing, p26

Source: House of Commons Select Committee on Science & Technology Tenth Report, 2004



- Publishers can become monopolies very easily
- Journal prices are “inelastic”
- *Tetrahedron Letters*
 - 1974 → 200 USD
 - 1997 → 7176 USD
 - 2005 → 12,204 USD
- Libraries spending %30-%50 of their budgets for Elsevier journals



- Public money used at three stages:
 - To fund the research project
 - to pay the salaries of academics who carry out peer review for no extra payment
 - to fund libraries to purchase scientific publications
- "what other business receives the goods that it sells to its customers from those same customers, a quality control mechanism provided by its customers, and a tremendous fee from those same customers?"

Source: House of Commons Select Committee on Science & Technology Tenth Report, 2004. Chapter 4

Open Access definition



1. “. . . free, irrevocable, worldwide, right of access to, and a license to copy, use, distribute, transmit and display the work publicly . . .
2. A complete version of the work . . . is deposited (and thus published) in at least one online repository . . . maintained by an academic institution, scholarly society, government agency, or other well-established organization that seeks to enable open access, unrestricted distribution, interoperability, and long-term archiving.”

Source: **Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities**
<http://www.zim.mpg.de/openaccess-berlin/berlindeclaration.html>



- Self-archiving
 - Right of researchers to deposit their published articles in their web sites or in free electronic archives
 - Right to distribute those articles, free of charge, over the Internet
- Open Access Journals
 - Free access to electronic articles
 - Different (eg, “author pays”) financial models to pay for review and publication expenses
 - Not limiting access to articles by copyright
 - Encouraging distribution of research results through the Internet



- Copyright / licensing
- Attitudes of publishers
 - 92% of publishers give authors permission to self-archive their pre- and post-print articles
 - Yet only 20% of articles are currently open access
- Attitudes of authors
- Development of institutional repositories (IRs)
- Lack of mechanisms to search individual web sites and IRs



Proportion of journals already formally giving their **green light** to author/institution self-archiving (**already 92%**) continues to grow:

Green light to self-archive:	Journals	%	Publishers	%
	8919	(100%)	107	(100%)
Neither yet	695	8%	34	32%
Preprint	2470	+27% (= 92%)	7	+7% (= 69%)
Postprint	5754	65%	66	62%
				Source: Brody & Harnad, 2004

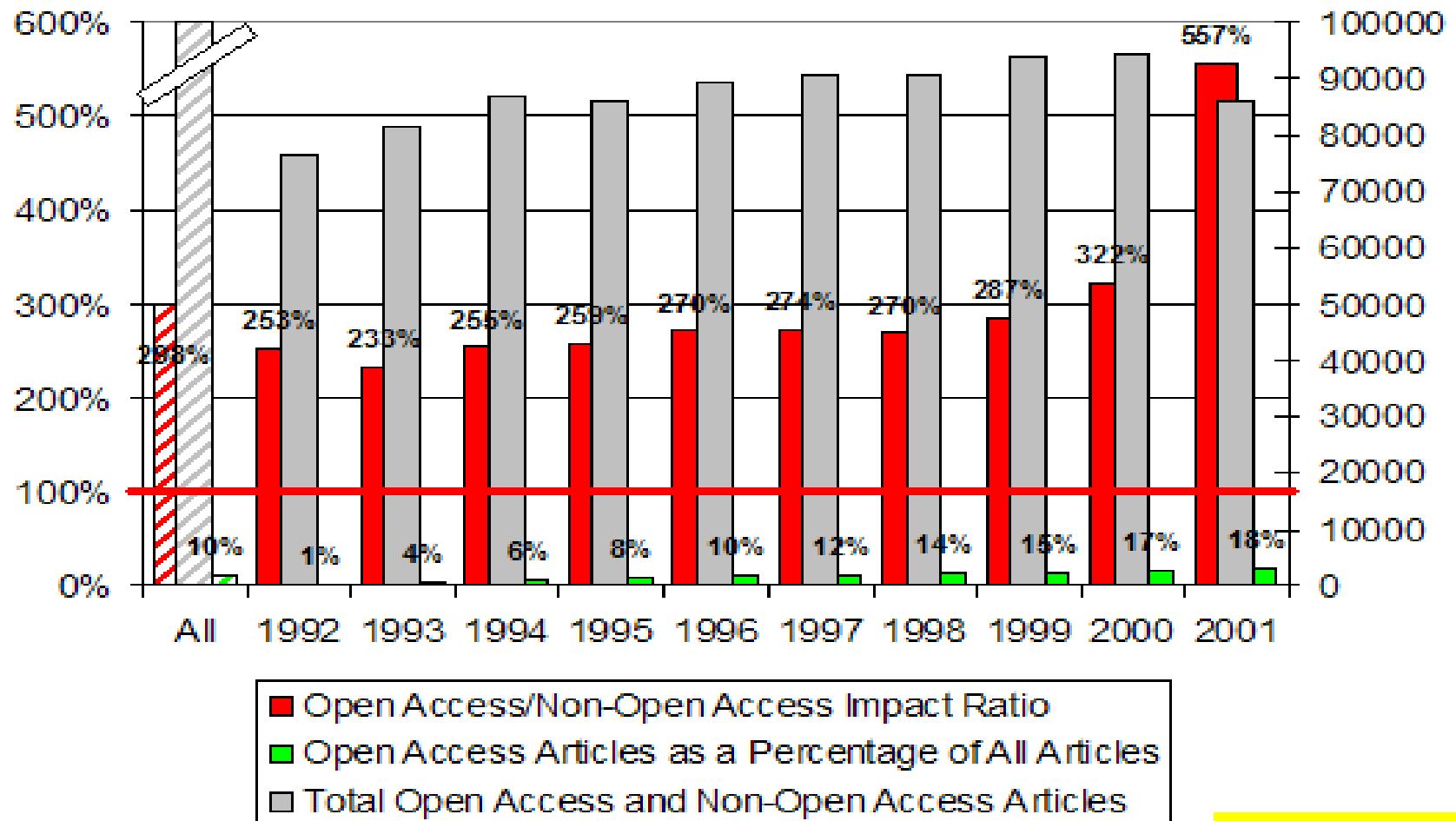


- Online articles get cited more often (336% more) (Lawrence, 2001)
- Relationship between Research Assessment Exercise (RAE) scores in the UK and the average number of citations
- Open Access articles get cited more often

Citation Rates of Open Access Articles



**Open Access vs. Non-Open Access Citation Impact Ratios
All Physics Fields**



Source: Harnad & Brody (2004)

Why is it important to increase research impact?



- The UK is losing around £1.5 billion (or \$2.7 billion) annually in the potential impact of its scientific research expenditure because of the limitations of the current academic publishing environment. (Stevan Harnad)

1.5 billion lost annually in potential return on British science



The UK is losing around £1.5 billion annually in the potential impact of its scientific research expenditure, according to one of the key figures in the global open

access publishing movement. Professor Stevan Harnad, Moderator of the American Scientist Open Access Forum and Professor of Cognitive Science at the University of Southampton's School of Electronics and Computer Science, has calculated the potential return on the investment in scientific research findings that are being lost to the UK each year through the limitations of the current academic publishing environment.

Source: www.eprints.org

Open Access Journals



- Developed as a reaction to high subscription prices
 - BioMed Central, Public Library of Science (PLOS) initiatives
- No subscription is needed to get access to such journals
- Review and publication expenses are borne by authors or institutions that funded research
- 1816 journals in various subjects
- 7.5% of all refereed journals
- Citation rates of Open Access journals increasing
- Very few OA journals get indexed and abstracted by traditional A&I journals

Directory of Open Access Journals



Directory of open access journals - TTNET tarafından sağlanan Microsoft Internet Explorer

Dosya Düzen Görünüm Sık Kullanılanlar Araçlar Yardım

Adres <http://www.doaj.org/> Git

DOAJ DIRECTORY OF OPEN ACCESS JOURNALS

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Welcome to the Directory of Open Access Journals. This service covers free, full text, quality controlled scientific and scholarly journals. We aim to cover all subjects and languages. There are now **1819** journals in the directory. Currently **446** journals are searchable at article level. As of today **78395** articles are included in the DOAJ service.

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[Earth and Environmental Sciences](#)
[Health Sciences](#)
[Languages and Literatures](#)
[Mathematics and Statistics](#)
[Physics and Astronomy](#)
[Social Sciences](#)

DOAJ - Directory of Open Access Journals, 2005, [Lund University Libraries](#), Head Office

Başlat TR 13:01



- Mandatory Open Access in some universities
 - Southampton Univ., UK; Queensland Technology Univ., Australia; Minho Univ., Portugal; etc.
- Initiatives of some universities to set up their own IRs
 - Univ. of California eScholarship Repository
 - Univ. of Southampton e-Prints Service



- Budapest Open Access Initiative - 2002
- Bethesda Statement on Open Access Publishing - 2003
- Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities – 2003
- UN World Summit on Information Society (WSIS) Declaration - 2003
- OECD Declaration on Access to Public Research Data - 2004
- IFLA Statement on Open Access to Scholarly Literature and Research Documentation -2004

Open Access Archiving of Research Results Funded by Public Money



- USA, UK, India, Norway, the Netherlands, Germany, Canada, Scotland, etc.
- US House of Representatives suggestion - Summer 2004
- UK House of Commons Select S&T Committee 10th Report - Summer 2004
- Wellcome Trust Mandatory Open Access - 1 October 2005

Open Access Archives (October 2005)



- USA (127)
- UK (55)
- Canada (27)
- Germany (41)
- France (24)
- Australia (18)
- Sweden (11)
- Netherlands (16)
- Italy (18)

- Brasil (29)
- India (11)
- Spain (8)
- Belgium (6)
- Japan (6)
- Denmark (4)
- China (4)
- Hungary (4)
- South Africa (4)
- Turkey 1
- . . .

• <http://archives.eprints.org/eprints.php?action=browse#country>



- GNU Eprints (158)
- DSpace (91)
- ETD-db (22)
- OPUS (Open Publication System) (17)

- Bepress (13)
- CDSWare (8)
- HAL (5)
- ARNO (2)
- Others (150)

Open Archives Initiative



Open Archives Initiative - TINET tarafından sağlanan Microsoft Internet Explorer

Dosya Düzen Görünüm Sık Kullanılanlar Araçlar Yardım

Adres http://www.openarchives.org/ Git



Open Archives Initiative

[Home](#) [Documents](#) [Tools](#) [Community](#) [News](#) [Organization](#)

News from the OAI Community

- **[Guidelines for encoding identifiers in Dublin Core and IEEE LOM metadata.](#)** A document providing guidelines for encoding a number of commonly used identifiers in Dublin Core (DC) metadata and IEEE Learning Object Metadata (LOM) records is available at <http://www.ukoln.ac.uk/metadata/dcmi-ieee/identifiers/>. (03/05)
- **[Google and OAI-PMH Down Under.](#)** Google is using OAI-PMH to harvest information from the National Library of Australia (NLA) Digital Object Repository. For more information see <http://www.nla.gov.au/digicoll/oai/> (03/05)
- **[CiteSeer supports OAI-PMH.](#)** CiteSeer, a public digital library and search engine in computer and information science, is now OAI compliant. For more information see <http://citeseer.ist.psu.edu/oai.html> (03/05)
- **[Static Repository Specification.](#)** A Static Repository provides a simple approach for exposing relatively static and small collections of metadata records through the OAI-PMH. The specification is available at <http://www.openarchives.org/OAI/2.0/guidelines-static-repository.htm>. (05/04).
- **[mod_oai Project Aims at Optimizing Web Crawling.](#)** The aim of the project is to create the mod_oai Apache software module that will expose content accessible from Apache Web servers via the Open Archives Initiative Protocol for Metadata Harvesting (OAI-PMH). More information about the mod_oai project can be found at <http://www.modoai.org>.

Read Core Documents

- [Harvesting Protocol \(version 2.0\)](#)
- [1.1 to 2.0 Migration Instructions](#)
- [Implementation Guidelines](#)
- [FAQ](#)

Join the OAI Community

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[Join](#) **OAI Implementers list**

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Contact us:

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 **Başlat**   TR 13:14

Open Archives Initiative Metadata Harvesting Protocol (OAI MHP)



- Indexing is part of the publication process
- Information about publication (author, title, summary, keywords, etc.) gets keyed in
- This information gets harvested by Open Archives search engines


OAster search engine



OAster Home - TTNET tarafından sağlanan Microsoft Internet Explorer

Dosya Düzen Görünüm Sık Kullanılanlar Araçlar Yardım

Adres http://oaister.umd.umich.edu/o/oaister/

 OAster
...find the pearls

Search for Digital Resources

Browse Institutions / Data Providers

Future Search Improvements

Background / Project Description

Information for Potential Data Providers

Staff

OAster is a project of the [University of Michigan Digital Library Production Service](#). Our goal is to create a collection of freely available, previously difficult-to-access, academically-oriented digital resources ([what are digital resources?](#)) that are easily searchable by anyone.

It is possible that search may be up and down during the month of October as we install new software, switch servers and get our mirror servers online. We apologize for the inconvenience. Please send comments and questions to Kat Hagedorn: oaister@umich.edu

OAster will not be updated during the month of October. We will resume updating the first week in November.


Well-behaved repositories (without XML or UTF-8 errors) are updated on a weekly basis on Wednesdays. All other repositories are updated the first week of a month.


[Go to search now...](#)


5,914,431 records from 536 institutions
(updated 30 September 2005)

New institutions harvested recently:
DSpace at Wesleyan University // TU Berlin
Digitales Archiv (OPUS) // University of South Carolina (USC) University Libraries Digital Collections

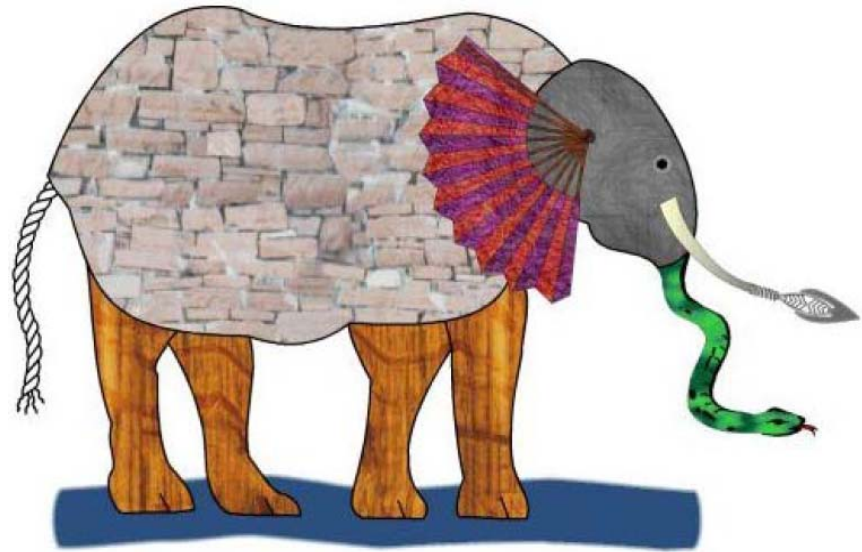
140 new archives and 1 million new documents added in the last 8 months







- Digital collections and services that record and preserve the intellectual products of one or more universities / institutions



Publication types in IRs



- Articles published in refereed journals
 - Pre-prints
 - Post-prints
- Theses & dissertations
- Technical reports
- Books
- Learning objects
- Supplementary materials (data, images, etc.)
- Open Access journals
- Working papers
- . . .

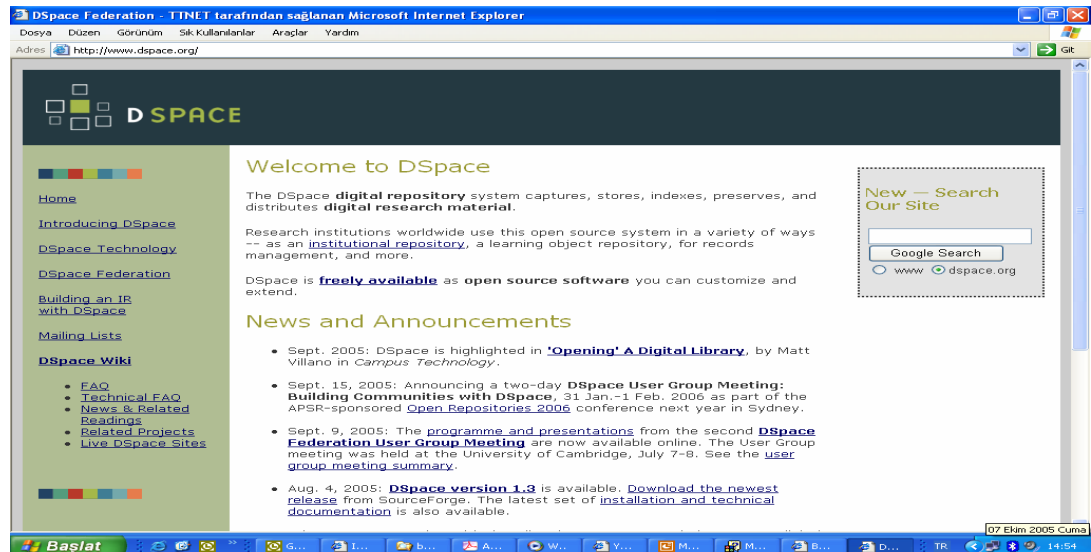
Hacettepe Univ. Dept. of Information Management Open Access Project



- Operating System:
Linux
Fedora
Core



- Open Access Software:
Dspace



Hacettepe Univ. Open Archives Interface



Hacettepe - DSPACE: Home - Microsoft Internet Explorer

Dosya Düzen Görünüm Sık Kullanılanlar Araçlar Yardım



Adres <http://www.acik-erisim.hacettepe.edu.tr:8080/dspace/index.jsp> Git



Açık Erişim Arşivleri



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Search Results



Hacettepe - DSPACE: Search Results - Microsoft Internet Explorer

Dosya Düzen Görünüm Sık Kullanılanlar Araçlar Yardım

Adres http://www.acik-erisim.hacettepe.edu.tr:8080/dspace/simple-search?query=y%C3%B6netimi&submit=Go

Hacettepe Üniversitesi

Açık Erişim Arşivleri

DSpace™

...tonta@hacettepe.e...

Arama

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Tarama

[Bölüm & Koleksiyon](#)

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Size Özel

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[Kayıt](#)

[Profil](#)

[Yardım](#)

[DSpace Hk.](#)

Arama Sonuçları

Ara: Tüm Kayıtlar

bilgi yönetimi

7 sonuç içinde 1-7

Bölüm:

Community Name

[Bilgi ve Belge Yönetimi](#)

Kayıt:

Date of Issue	Title	Authors
26-Apr-2005	Web Tabanlı Yüksek Lisans Eğitimi: Hacettepe Üniversitesi Bilgi ve Belge Yönetimi İçin Bir Platform Önerisi	Ertürk, K.Levent
24-Mar-2005	Sanayi Toplumundan Bilgi Topluma Geçiş Sürecinde Temel Dinamikler	Tonta, A.Yaşar; Küçük, M.Emin
26-Mar-2005	Bilimsel İletişim ve Açık Erişim: Bilgi Erişim Sorunlarımızın Çözümünde Açık Erişimden Nasıl Yararlanabiliriz?	Tonta, A.Yaşar
10-Oct-1995	Ankara'da Halk Kütüphanesi Kullanımı : Sosya Ekonomik Çözümleme	Yılmaz, Bülent
27-Mar-1984	Kara Kuvvetleri Komutanlığı'na Bağlı Orta Dereceli Askeri Okul Kütüphanelerinin Yapısal ve İşlevsel Analizi	Lodi, Aydın

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Dosya Düzen Görünüm Sık Kullanılanlar Araçlar Yardım

Adres <http://www.acik-erisim.hacettepe.edu.tr:8080/dspace/handle/123456789/10> Git

Hacettepe Üniversitesi

Açık Erişim Arşivleri

DSpace™

...tonta@hacettepe.e...

Arama

...tonta@hacettepe.e...

Ayrıntılı Ara

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Tarama

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Title: Web Tabanlı Yüksek Lisans Eğitimi: Hacettepe Üniversitesi Bilgi ve Belge Yönetimi İçin Bir Platform Önerisi

Other Titles: The Web Based Graduate Education: A Proposed Application Platform For Department Of Information Management, Hacettepe

Authors: Ertürk, K.Levent

Keywords: Web Tabanlı Eğitim
E-öğrenme

Issue Date: 26-Apr-2005

Abstract: HÜ.Sosyal Bilimler Enstitüsü - Yüksek Lisans Tezi - Danışman:M.Emin Küçük - Tez çalışmasında "Bilgi ve Belge Yönetimi Bölümü mezunlarının yüksek lisans eğitimleri, bir Web tabanlı uygulama platformu üzerinden nasıl gerçekleştirilebilir, bu platformun bileşenleri nelerdir" sorusuna yanıt aranmaya çalışılmakta, dünya ve ülkemizdeki mevcut durum analiz edilerek, örnekler ışığında Hacettepe Üniversitesi Bilgi ve Belge Yönetimi Anabilim Dalı Yüksek Lisans/Bilim Uzmanlığı eğitimi için bir uygulama platformu geliştirilmektedir. Çalışma esnasında uzaktan eğitimin tanımı, kapsamı, tarihçesi, modelleri, Web tabanlı eğitim bileşenleri özetlenmekte, Web tabanlı eğitim ile Bilgi ve Belge Yönetimi Bölümleri arasındaki ilişkiler kurulmakta, programları hakkında bilgi verilmektedir. Geliştirilen uygulama platformunun yapısı tanıtılmakta, modüllerin özellikleri vurgulanmakta ve ülkemizde benzer bir yapı kurmak için yapılması gerekenler öneriler halinde verilmektedir. This study aims to answer the...

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**WEB TABANLI YÜKSEK LİSANS EĞİTİMİ:
HACETTEPE ÜNİVERSİTESİ
BİLGİ VE BELGE YÖNETİMİ BÖLÜMÜ İÇİN
BİR PLATFORM ÖNERİSİ**

K. Levent ERTÜRK

**Hacettepe Üniversitesi
Sosyal Bilimler Enstitüsü**

1 of 180

Başlat

TR 10:52

Features of Dspace Software



- Ability to create different collections
- Current awareness
- Personalization: MyDspace
- Loading new documents
 - description, loading, verifying, license/copyright, feedback
- Maintenance/Management
 - editing, definition of access policies, authorizing, managing departments/users, update, etc.



- Registered at CNRI Handle Server (for persistent Digital Object Identification - DOI- numbers)
- Registered at Open Access Initiative Registry
- Registered at OAlster search engine
- Registered at Google Scholar

OAlster searching Hacettepe Univ. Archives for “open access”



OAlster Search - TINET tarafından sağlanan Microsoft Internet Explorer

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audio

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Adres <http://www.oaister.org/cgi/bib/bib-idx?type=boolean&size=10&c=oaister&sid=bc9d638d0132d39a8e0be0b65cbb4767&q1=a%C3%A7%C4%B1k+eri%C5%9Fim&rgn1=entire+reco> Git

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- * View your results, starting with **records 1 to 3 of 3**.

Results by Institution

DSpace at Hacettepe Universitesi, Turkey
3 records

Sort by title

Record 1 of 3

Title	Açık Erişim ve Kurumsal Arşivler
Author/Creator	Tonta, Yaşar
Publisher	Hacettepe Üniversitesi Bilgi ve Belge Yönetimi Bölümü
Year	2005-04-01T19:25:51Z
Year	2005-03-30
Resource Type	Presentation
Resource Format	5567647 bytes,application/pdf
Language	other
Note	Hacettepe Üniversitesi Bilgi ve Belge Yönetimi Bölümünde kurulan açık arşiv tanıtılmaktadır. Arşiv Linux (Fedora Core) platformu üzerine kurulmuştur. Dspace açık arşiv yazılımı kullanılmıştır.
Note	Hacettepe Üniversitesi Bilgi ve Belge Yönetimi Bölümü
Note	Yaşar Tonta, " Açık Erişim ve Kurumsal Arşivler." 41. Kütüphane Haftası Dijital Kültür ve Yeni Nesil Kütüphaneler 28 Mart - 3 Nisan 2005, Ankara.
Subject	açık erişim ; kurumsal arşivler; Hacettepe Üniversitesi Açık Arşivleri; Dspace
URL	http://www.acik-erisim.hacettepe.edu.tr:8080/dspace/handle/2062/36
Institution	DSpace at Hacettepe Universitesi, Turkey

Record 2 of 3

Title	Bilimsel İletişim ve Açık Erişim : Bilgi Erişim Sorunlarımızın Çözümünde Açık Erişimden Nasıl Yararlanabiliriz?
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Open Access Solutions

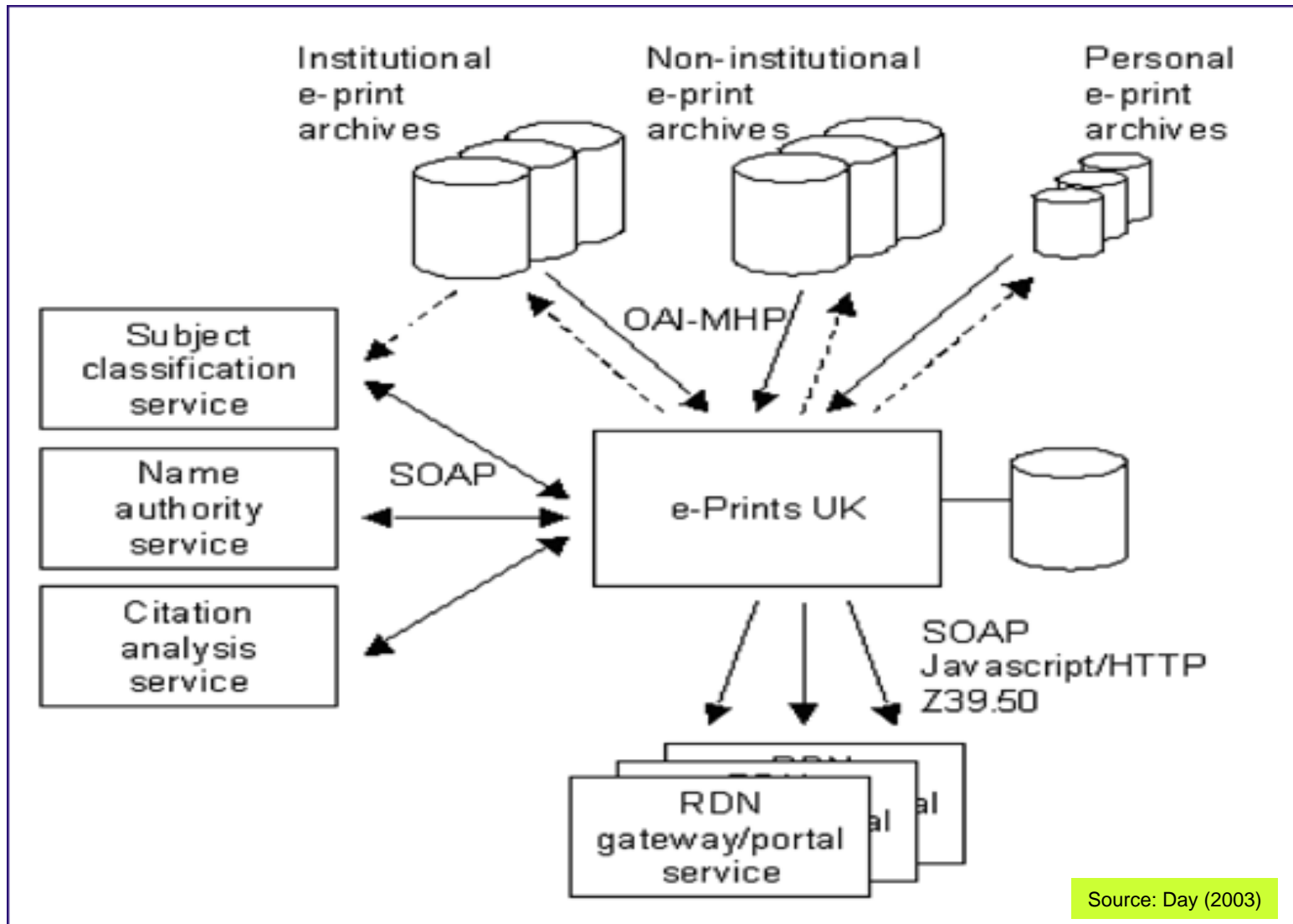


- SHERPA: Securing a Hybrid Environment for Research Preservation and Access (UK)
- DARE: Open Archives of the Netherlands University Libraries
- . . .

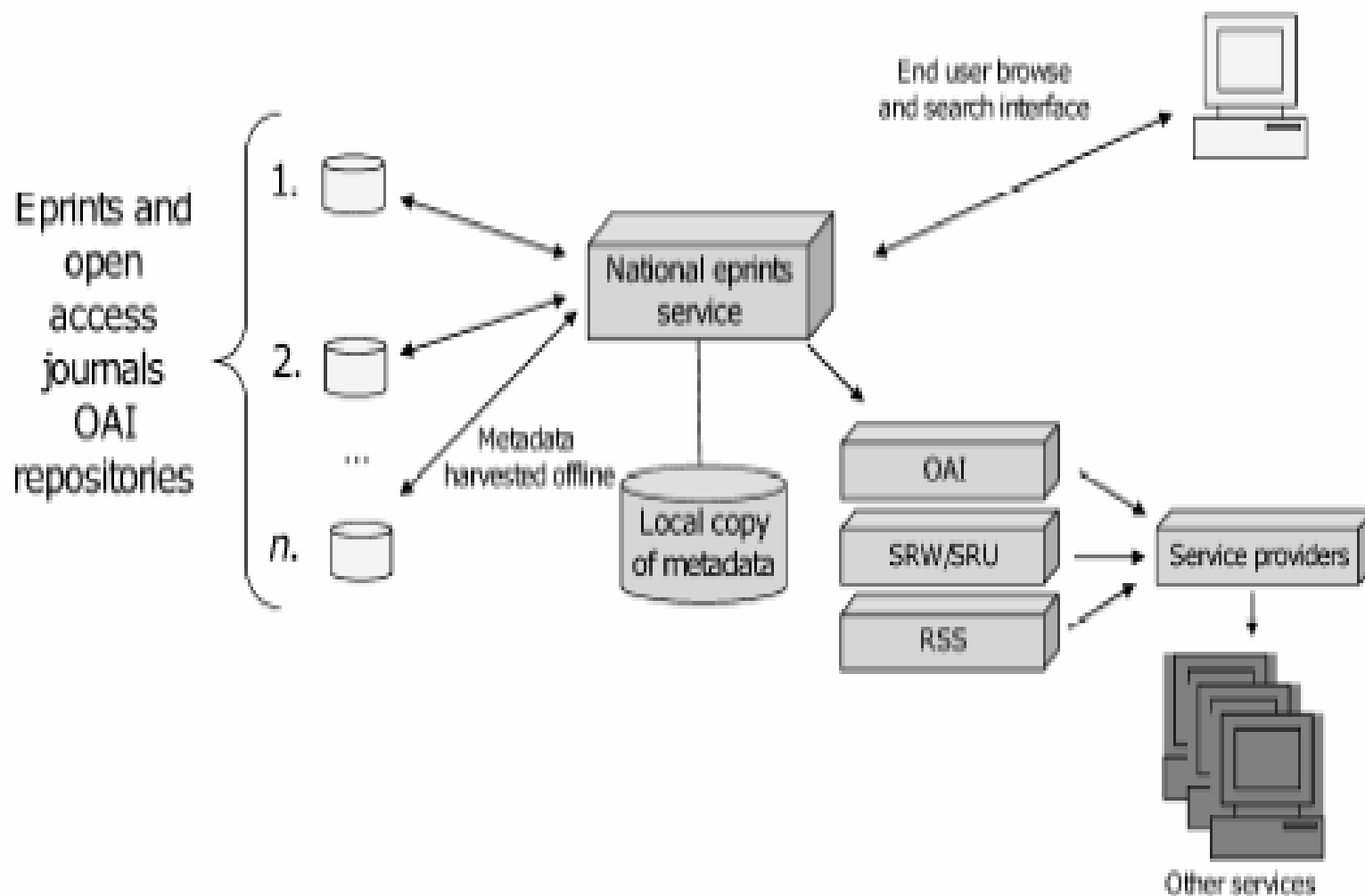




- Supported by Joint Information Systems Committee (JISC)
- Part of Focus on Access to Institutional Resources (FAIR) Programme
- Aims to develop a national service provider searching, through OAI MHP, open archives and subject archives (eg, arXiv), education portals, and 8 Resource Discovery Networks
- Uses Web technologies
- Establishes links automatically between citations
- Aims to create and maintain institutional open archives



Harvesting Model



Source: Owen et al. (2004)

What can be done?



- Watch the developments in ICTs
- Provide ubiquitous access to information within RTO (read NATO) through personal, local, regional and international networks using wired/wireless devices, GSMs, laptops, etc.
- Create and maintain RTO-wide portal(s)
- Provide personalized access to information services through portals
- Pay attention to Information Architecture (read usability) issues: “available” does not necessarily mean readily “accessible”
- Create effective search mechanisms

What can be done? (cont'd)



- Increase the “awareness” of OA within the RTO community
- Make publicly-funded research results and documentation available to public free of charge
- Create “crosswalks” between different metadata schemes used within RTO to improve interoperability and metadata harvesting
- Create an RTO-wide institutional repository for unclassified documents and make it harvestable by search engines such as OAlster and Google Scholar
- Make OA a mandatory requirement to fund panel activities (if applicable)
- Increase the research impact of RTO publications through OA and make them easily “findable” and accessible
- And remember: “What we find changes who we become.”

“What we find changes who we become”



Cartoon by
Doug Sheppard and Katrin L. Salyers



Recent Developments in Information Management

Yaşar Tonta

Department of Information Management

Hacettepe University

tonta@hacettepe.edu.tr

yunus.hacettepe.edu.tr/~tonta/tonta.html