



Liburutegi digitaletarako teknologiak

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Bibliografia

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Aurkezpena

- Sarrera
 - Adibideak
 - Arazoak
- Teknologien aurkezpena
- OCR teknologiak
- Bilatzaileak
- DL-CMS teknologiak
 - *Greenstone, DSpace, Fedora...*
- 2.0 ikuspuntua



Sarrera

- Motak
 - digitalak jatorriz
 - digitalizatuak
 - hibridoak
 - federatuak
- Adibide batzuk:
 - *Google*
 - *Europeana*
 - *Cervantes*
 - *Armiarma, EuskoMedia, Sancho el Sabio...*

Sarrera

Aplikazioak Lekuak Sistema

Google Book Search - Mozilla Firefox

Ettxategia Editatu Ikusi Historia Laster-markak Iresnak Hiztegiak Laguntza

http://books.google.com/googlebooks/publishers.html

Google books beta

Information for Publishers and Authors

Reach a new audience of readers with Google Book Search

Google has reached a [groundbreaking agreement](#) with authors and publishers. If you're an author, publisher, or copyright holder, please visit the [settlement administration site](#) for information.

- Google Books Partner Program**
Promote your books on Google -- for free.
- Success Stories**
Hear how others have used Google Book Search to make their books and businesses more successful.
- Resources for publishers and authors**
Best practices and tools for using Google to market your books.
- Downloadable takeaways**
Download these free handouts on Book Search.
- Log in to your Partner Account**
- Where do the books come from?**
Currently, we are connecting readers with

Multimedia galeria :: Euskomedia. Euskal Kultura online.

Euskomedia Fundazioa, Euskal Kultura online

Multimedia galeria

Hasiera > Multimedia galeria > Xehatzea > Laborpena

emaitzen laborpena

bilaketarako irizpideak:
Izenburua: **Larresoro**
7 erregistro topatu dira erreferentzia 1-7



Enseñanza. Litografía del Larresoro (Lapurdi). Larresor Frontón de Larresoro

Sancho el Sabio Fundazioa - Mozilla Firefox

Ettxategia Editatu Ikusi Historia Laster-markak Iresnak Hiztegiak Laguntza

http://librivation.fsancho-sabio.es/indexsan

Fundación Sancho el Sabio Sancho el Sabio Fundazioa

SNV 16971 Digitalizatua

Erlazioak

Bilaketa simplea	
Bilaketa aurreratua	Alea
Aurkibideak	Año 17, n. 149 (sept./oct. 2005), p. 100
Identifika zaituz	Educación y biblioteca : revista mensual de documentación y recursos didácticos.
Laguntza	

2 / 94 **Aleak** Datu guztiak MARC

Erregistroa gorde

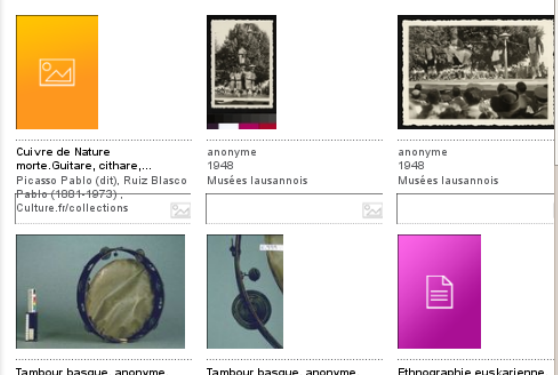
Egilea: [Aranburu, Ohiana.](#)
Izenburua: **Liburutegiak** XXI. mendeari begira / Ohiana Aranburu Arantza Mariskal

Advanced search

Matches for: basque

All Texts (26) Images (461) Videos (69)

Results 1 - 12 of 561 Page: 1 2 3 4 5 6 7 8 9 10



Cuivre de Nature morte. Guitare, cithare, ...
Picasso Pablo (dit), Ruiz Blasco Pablo (1891-1973) ...
Culture.fr/collections

anonyme 1948
Musées lausannois

anonyme 1948
Musées lausannois

Tambour basque, anonyme, E.999, dos

Tambour basque, anonyme, E.999, détail

Ethnographie euskarienne. Etude sur l'or...

klasikoak

- idazleak eta idazlanak - herri literatura

- > BALADAK, P...
- > IPUINAK, K...
- > ANTZERKIA
- > ATSOTITZAK

Bi ahizpak

Xabier Lizardi
1932

[liburua osorik RTF formatuan]
[inprimitzeko bertsioa PDFn]
[Literaturaren Zubitegia]



Sarrera

- Arazoak

- Egile-eskubideak
- Kostua (digitalizatu behar denean)
- Elkarreragingarritasuna, estandartasun-falta
 - metadatuak, bilatzaileak...
- Mantentze/babeskuntza digitala
 - URLak
 - desagerpena
 - formatuak
 - bertsioak



Teknologiak

- OCR
- Metadatuaren kudeaketa:
 - MARC21, *DublinCore*, TEI...
 - Datu-baseak
 - CMS (Eduki-kudeatzaileak)
- Bilatzaileak
 - Metadatuak eta edukiak konbinatzea
 - Lokala / federatua
- Nabigazioa
 - Erabilerraztasuna, usagarritasuna.



Aukera berriak

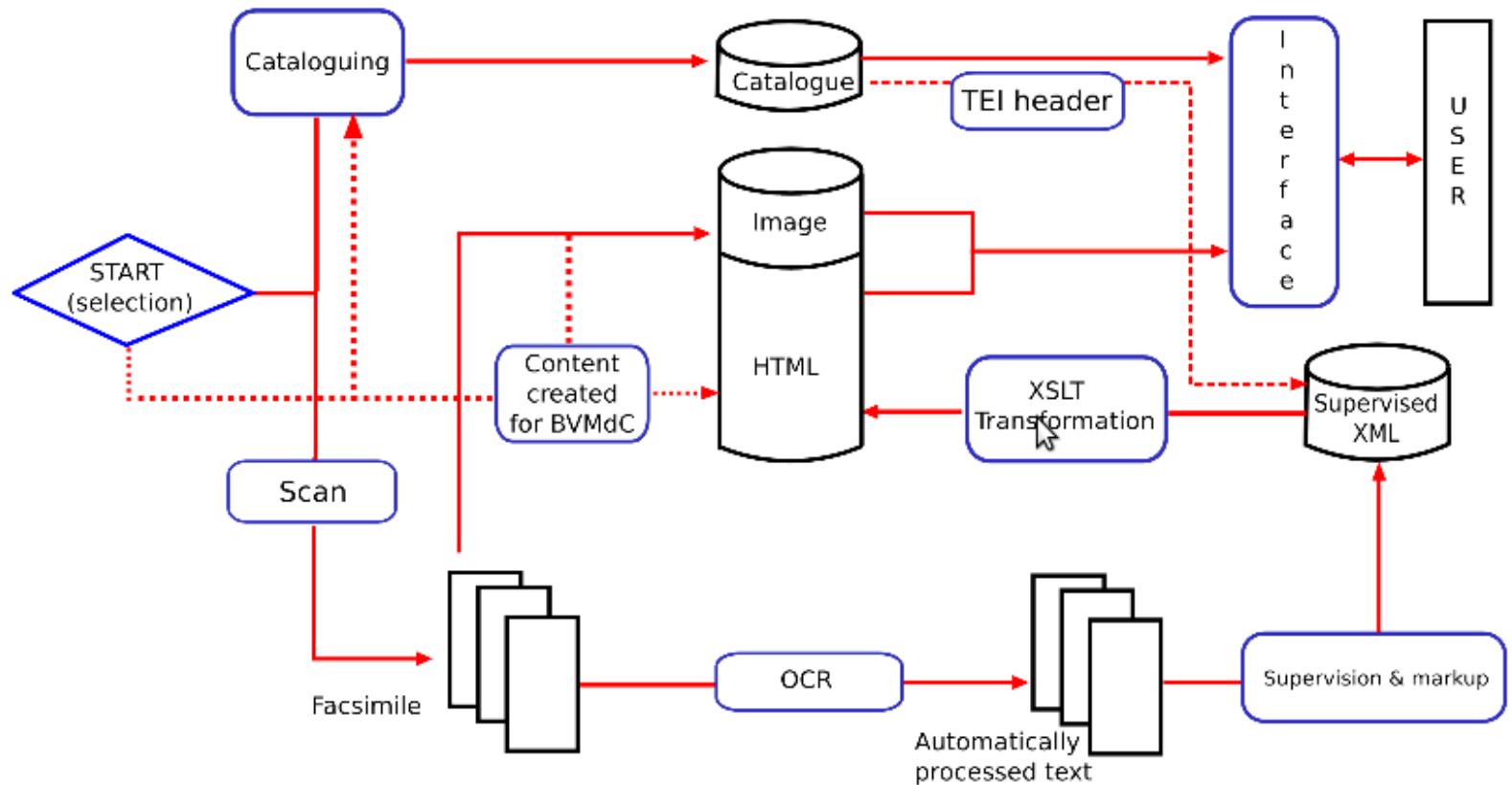
- Pertsonalizazioa
- Atzipen multimodala
- Beste baliabideekin integratzea (hiztegiak, entziklopediak...)
- Hezkuntzarako egokitzapena
- Itzulpen automatikoarekin konbinatzea
- 2.0 ikuspuntua
 - Etiketatzea eta ranking-a lankidetzan
 - Autoritatea eta prestigioa
 - Wikiak eta integrazioa



Kontuan hartzeko

- Bilaketa konplexuak gero eta gutxiago erabiltzen dira
- Jendeak ez daki nondik hasi: bisita gidatuak
- URLak ez dira gogoratzen:
 - bilatzaileetan kokatu (SEO)
 - <http://euskal-seo.blogspot.com>
 - OAI
- Informazio gehigarriaren beharra: fitxa dokumental handia
- Testua dosi neurtuetan (eta *pdf* aukera, osorako)
- Orri arinak
- Aurkezpen anitzak: PC, telefonoa, e-liburua...
 - informazioa eta aurkezpena banatu behar
- Pertsonalizatzeko aukera
 - kutunak, profila, 2.0 aukerak
- Oinarrizko elementuak eskala handirako:
 - **transkripziorako eta etiketatzerako ingurune fidagarria**
 - **bilaketa ahaltsuak, azkarrak eta egokituak datu eta metadatuetan**

Arkitektura (Carrasco, 2008)





OCR teknologiak

- OCR: Irudia -> Testua
- Ohiko programak:
 - *OmniPage, Acrobat, OCRopus/Tesseract* (librea)...
 - Ohiko erroreak ondo aztertuta:
 - `m->rn, rr->n, l->l...`
- Arazoak
 - Hizkuntza guztiak ez (benetan gutxi)
 - Hitzak beste hizkuntza batera eratorriak izateko / desaktibatze modua?
 - Hizkuntzen aldaerak: diakronia, dialektoak...
 - Hitz arraroak, maileguak, pertsonak/tokiak...
 - *Real word errors*
 - Arazoak dokumentuan (eskuz, zikinkeria...)
 - %10 zuzendu behar (*Cervantes* lib.)
- OCR euskaraz (http://www.zientzia.net/artikulua.asp?Artik_kod=8171)
 - *OmniPage* (Pro12), *Tesseract* bidean (*google code*)
 - *Xuxen* (proposamenak hobeturik)



OCR teknologiak (2)

○ **Erroreen ondorioak**

- Bilaketa desegokiak
- Eragozpenak aplikazio berrietarako (adib. irakaskuntza)
- Itxura kaxkarra zuzendu gabe eta agerian utzita

○ **Elikatzeko modua (1)**

- Eskaneatzea
- OCR dagokion hizkuntzan (bat ere ez)
- [Eskuzko zuzenketa]

○ **Elikatzeko modua (2)**

- Pertsona batek baino gehiagok tekleatzea
- Emaidza gurutzatzea
- Desberdintasunetan eskuzko zuzenketa

○ **Kontsulta**

- Bilaketa testuaren arabera
- Pantailaratze grafikoa [testua]



OCR (3)

But that is changing very fast. Corporations and libraries around the world are now scanning about a million books per year. Amazon has digitized several hundred thousand contemporary books. In the heart of Silicon Valley, Stanford University (one of the five libraries collaborating with Google) is scanning its eight-million-book collection using a state-of-the-art robot from the Swiss company 4DigitalBooks. This machine, the size of a small S.U.V., automatically turns the pages of each book as it scans it, at the rate of 1,000 pages per hour. A human operator places a book in a flat carriage, and then pneumatic robot fingers flip the pages — delicately enough to handle rare volumes — under the scanning eyes of digital cameras.

Like many other functions in our global economy, however, the real work has been happening far away, while we sleep. We are outsourcing the scanning of the universal library. Superstar, an entrepreneurial company based in Beijing, has scanned every book from 900 university libraries in China. It has already digitized 1.3 million unique titles in Chinese, which it estimates is about half of all the books published in the Chinese language since 1949. It costs \$30 to scan a book at Stanford but only \$10 in China.

Raj Reddy, a professor at Carnegie Mellon University, decided to move a fair-size English-language library to where the cheap subsidized scanners were. In 2004, he borrowed 30,000 volumes from the storage rooms of the Carnegie Mellon library and the Carnegie Library and packed them off to China in a single shipping container to be scanned by an assembly line of workers paid by the Chinese. His project, which he calls the Million Book Project, is churning out 100,000 pages per day at 20 scanning stations in India and China. Reddy hopes to reach a million digitized books in two years.

The idea is to seed the bookless developing world with easily available texts. Superstar sells copies of books it scans back to the same university libraries it scans from. A university can expand a typical 60,000-volume library into a 1.3 million-volume one overnight. At about 50 cents per digital book acquired, it's a cheap way for a library to increase its collection. Bill McCoy, the general manager of Adobe's e-publishing business, says: "Some of us have thousands of books at home, can walk to wonderful big-box bookstores and well-stocked libraries and can get Amazon.com to deliver next day. The most dramatic effect of digital libraries will be not on us, the well-booked, but on the billions of people worldwide who are underserved by ordinary paper books." It is these underbooked — students in Mali, scientists in Kazakhstan, elderly people in Peru — whose lives will be transformed when even the simplest unadorned version of the universal library is placed in their hands.



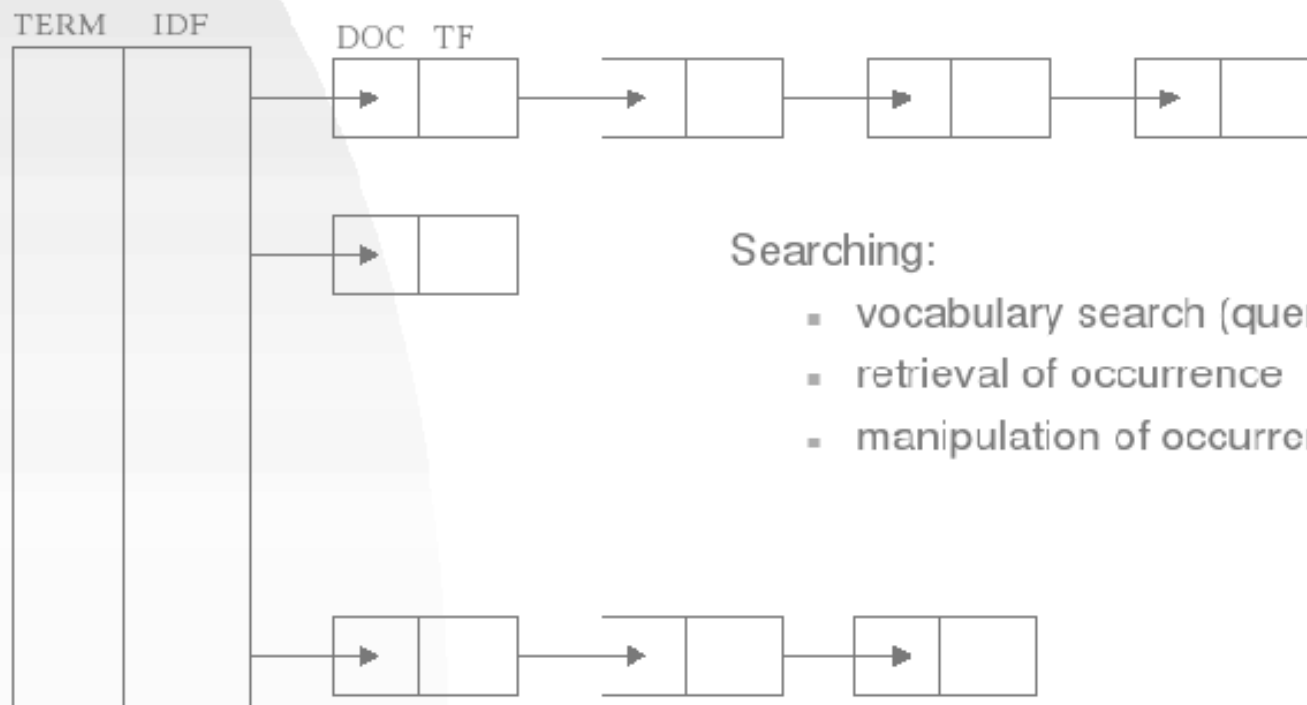
Bilatzaileak

- Bi bilaketa-teknikak konbinatuta
 - Datu-baseak (metadatuetan)
 - SQL galderak
 - Bilatzaileak (edukian)
 - *Bektore-espazioa* ereduak:
alderantzizko indizea
 - *PageRank* ez
 - autoritateak?
 - irakurleak?
 - adib. *Lucene*
 - Nola konbinatu?

Bilatzailleak: Alderantzizko indizeak

Indexing: Inverted file

Word-oriented mechanism for indexing document collections to speed up searching



Searching:

- vocabulary search (query terms)
- retrieval of occurrence
- manipulation of occurrence

Bilatzaileak: adibidea

Fitxategia Editatu Ikusi Historia Laster-markak Irtenak Hiztegiak Laguntza

http://www.cervantesvirtual.com/busquedas/busqueda_textos.jsp

eca digital cervantes

bidaiak moodle eurOp kongresuak EHU TR tekniker udako ikast izaskun MAMT apache2 clef linux laura termino AhoTTS

Aukerak ES EU

Euskalterm 3000 Elhuyar

Hiztegi Batua ItzUL Harluxet Mokoroa ZT Corpusa

XUXENweb

Opentrad

Consulte los contenidos más recientes de esta sección.

Sugerencias

Efemérides

Noticias

Suscripción al Boletín

PRIMERA VISTA

Búsqueda de

Las PALABRAS

en

TEXTO DE LAS OBRAS

SOLO EN PÁRRAFOS

SOLO EN VERSOS

SOLO EN CITAS

Las PALABRAS

en

Todos

los parlamentos del PERSONAJE

Buscar

Las PALABRAS

Todas las PALABRAS

en CUALQUIER IDIOMA

distinto al de la obra

Buscar

Restringir por

TÍTULO de la obra

AUTOR de la obra

PERÍODO de

Escritura de la obra

Edición

entre Previas s. XIV y siglo XXI

Opciones

Buscar frase exacta

Buscar palabras sueltas ordenadas

Buscar palabras sueltas no ordenadas

Buscar en el interior de las notas del ed.

Distinguir mayúsculas/minúsculas

Ordenar resultados

Mostrar

FUNDACIÓN
BIBLIOTECA VIRTUAL
MIGUEL DE
CERVANTES



Bilatzailleak: OAI-PMH

- LDen sareak
- Metadatuak biltzeko protokoloa: OAI-PMH
 - *Open Archives Initiative Protocol for Metadata Harvesting*
 - Estandar irekia: *XML + HTTP*
 - *DublinCore* derrigorrezkoa da (beste batzuk aukeran)
 - ohiko bilatzaileek erabilia
 - Tresna askotan integratua
 - RSS jarioen aukera
 - Bi jokalarari mota
 - Datu-hornitzaileak: metadatuaren eskaintza
 - Zerbitzu-hornitzaileak: balio erantsia
 - OAI-ORE protokolo berria berrerabilpenerako
- Bibliografia
 - OAI and OAI-PMH for absolute beginners: <http://eprints.rclis.org/5512/>
 - Using OAI-ORE to Transform Digital Repositories into Interoperable Storage and Services Applications: <http://journal.code4lib.org/articles/1062>

Bilatzailleak: OAI-PMH

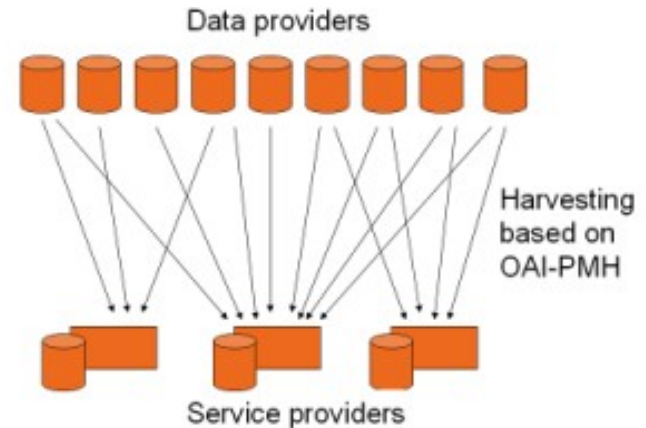


OAI: General Assumptions

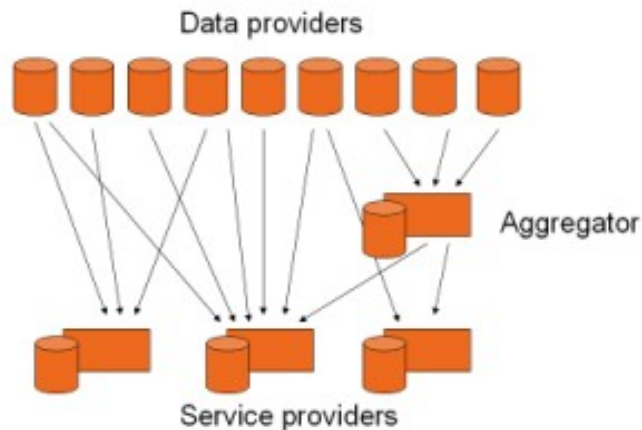
- Two groups of 'participants'
- *Data Providers* (Open Archives, Repositories)
 - give free access to metadata records
 - but - not necessarily give free access to full texts / resources
 - easy to implement, low barriers
- *Service Providers*
 - use OAI compliant metadata from *Data Providers*
 - harvest and store metadata (no live requests!)
 - may select certain subsets from *Data Providers* (set hierarchy, date stamp)
 - may enrich metadata
 - offer (value-added) service on the basis of the metadata



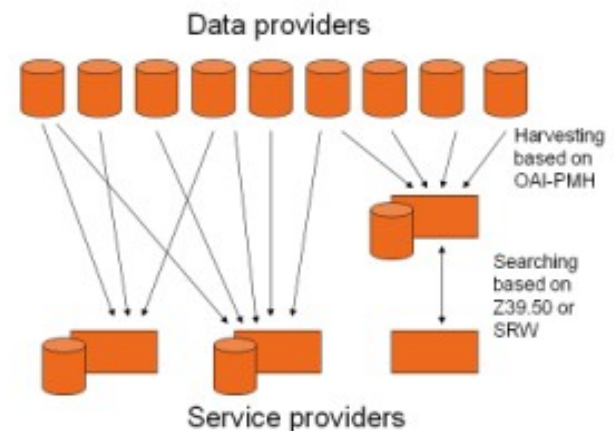
Multiple data and service providers



Aggregators



Can be mixed with x-searching



OAI-PMH bildumak

http://roar.eprints.org

System Software

	Archives	In Celestial	Records	Mean	Median
• DSpace	436	335	2894587	8641	2600
• EPrints	330	301	939728	3122	396
• Bepress	82	78	234212	3003	1114
• OPUS (Open Publications System)	32	30	41226	1374	611
• ETD-db	25	22	1133826	51538	3370
• DiVA	16	16	32567	2035	1672
• CDS Invenio	14	12	816306	68026	12318
• Fedora	14	10	48091	4809	4238
• Open Repository	13	11	15448	1404	1023
• HAL	10	8	181695	22712	13731
• Fez/Fedora	8	6	119595	19933	5917
• Open Journal System	6	3	53941	17980	4087
• ARNO	6	6	175140	29190	7715
• DigiTool	6	5	11081	2216	2236
• Greenstone	5	?	?	0	0
• DoKS	5	5	6707	1341	442
• MyCoRe	4	4	14459	3615	3699
• SciX	3	3	2181	727	534
• EDOC	2	2	133972	66986	66986
• i-Tor	1	1	9906	9906	9906
• Other softwares (various)	383	238	9308214	39110	1539

Browse by Multiple Cohorts

You can use the below form to select multiple values for a single variable, hence show a list for multiple cohorts (e.g. French or German repositories using DSpace).

Geographic Country:

Argentina (5)	▶
Australia (46)	⋮
Austria (6)	
Azerbaijan (2)	
Bangladesh (1)	
Belgium (18)	
Bolivia (1)	
Brazil (69)	▼

Sort by Name ▼

Content Type:

Database/A&I Index (33)	▶
Demonstration (22)	
Learning and Teaching Objects (11)	
Other (204)	
Research Cross-Institutional (130)	
Research Institutional or Departmental (770)	
e-Journal/Publication (109)	
e-Theses (122)	▼

System Software:

ARNO (6)	▶
Bepress (82)	⋮
CDS Invenio (14)	
DSpace (436)	
DiVA (16)	
DigiTool (6)	
DoKS (5)	
EDOC (2)	▼



DL-CMS teknologiak

Programak:

- Neurrira egindako sistemak
 - Oinarrizko datu-base ahaltsuarekin
- DLrako edukien kudeaketa-sistemak
(*Content Management Systems*)
- Gehienak libreak (kode irekia)
- Ezagunenak:
 - www.paradigm.ac.uk/workbook/repository/comparing-findings.html
 - <http://www.dlib.org/dlib/may09/marill/05marill.html>
 - *Greenstone* (azken erabiltzailea)
 - *Fedora Commons, DSpace (DuraSpace)* (federatzeko)
 - *Eprints* (zerbitzuak ere)
 - *Digital Commons* (itxia) www.bepress.com/ir/customers.html
 - Bestelakoak: *Omeka, Alfresco...*



DL-CMS teknologiak (2)

- Irizpideak
 - formatuak (inportazio/esportazioa)
 - estandarrak, kode irekia...
 - elkarreragingarritasuna (OAI-MPH)
 - bilaketarako aukera zabalak
 - egonkortasuna, etorkizuna...
 - eskalagarritasuna, eraginkortasuna...
 - kasu arrakastatsuak
 - komunitatean lam egiteko aukera
 - erabilerraztasuna, usagarritasuna, nabigagarritasuna



Ebaluazioa

(<http://www.dlib.org/dlib/may09/marill/05marill.html>)

Open Source: DAITSS [2], DSpace [3], EPrints [4], Fedora [5], Greenstone [6], Keystone DLS [7].

Commercial: ArchivalWare [8], CONTENTdm [9], DigiTool [10], VITAL [11].

The WG then developed a set of "Master Evaluation Criteria," to provide a decision method to narrow the ten systems to three systems for detailed consideration. At this point, tool functionality as described in available software documentation was considered one of many factors in this down-selection process.

The Master Evaluation Criteria included:

- **Functionality** - Degree of satisfaction by design analysis of the requirements enumerated in the NLM Functional Requirements Specification [1].
- **Scalability** - Ability for the repository to scale to manage large collections of digital objects.
- **Extensibility** - Ability to integrate external tools with the repository to extend the functionality of the repository, via provided software interfaces (APIs), or by modifying the code-base (open source software).
- **Interoperability** - Ability for the repository to interoperate with other repositories (both within NLM and outside NLM) and with the NLM integrated library system.
- **Ease of deployment** - Simplicity of installation and ease of integration with other needed software.
- **System security** - Ability of the system to meet HHS/NIH/NLM security requirements.
- **System performance** - Overall performance and response time (accomplished via load testing). System availability (24x7 both internally and externally).
- **Physical environment** - Ability to deploy multiple instances for offsite and disaster recovery; ability to function with the NIH off-site backup facility; ability for components to reside at different physical locations; ability for development, testing and production environments.
- **Platform support** - Operating system and database requirements. Staff expertise to deal with required infrastructure.
- **Demonstrated successful deployments** - Relative number of satisfied users or organizations.
- **System support** - Quality of documentation and responsiveness of support staff or developer/user community (open source) to assist with problems.
- **Strength of development community** - Reliability and support track record of the company providing the software; or size, productivity, and cohesion of the open source developer community.
- **Stability of development organization** - Viability of the company providing the software; or stability of the funding sources and organizations developing open source software.
- **Strength of technology roadmap for the future** - Technology roadmap that defines a system evolution path incorporating



Greenstone (www.greenstone.org)

- Waikato unibertsitatea / UNESCO
- GPL lizentzia
- GAF formatua, Dublin Core, Marc21...
- Ondo dokumentatua
- Proiektu asko munduan

Greenstone (www.greenstone.org)

The image shows a screenshot of a web browser displaying the Greenstone Digital Library Software website and two example digital libraries.

Greenstone Digital Library Software - Mozilla Firefox

Examples :: Greenstone Digital Library Software - Mozilla Firefox

http://www.greenstone.org/examples

greenstone digital library software

Home Download Examples Wiki Support Developers

Examples

- New Zealand Digital Library Project**
A demonstration site set up by the developers of Greenstone, the New Zealand Digital Library Project. This site contains many collections, ranging from humanitarian information to computer science technical reports to demonstration collections of Chinese and Arabic documents.
- Afghanistan Centre at Kabul University - ACKU**
The more than 37,000 documents on Afghanistan in the ACKU collection contain works in Dari, Pashto and various western languages. The collection provides comprehensive coverage of various sectors of development, as well as literature, music and cultural heritage.
- Afghanistan Research and Evaluation Unit - AREU**
This on-line bibliographic catalogue lists materials held in hardcopy in AREU's research collection, Afghanistan. AREU's collection includes books, pamphlets, government publications, periodicals, maps, CDs, DVDs, etc. in English, Dari, Pashto and other languages. It also provides information of customizing the AREU collection.
- Agatange Collection**
This digital collection of early music scores, treatises on music and music manuscripts was developed by the Toulouse Public Library in France.
- Agricultural Techniques for Farmers (in Vietnamese)**
This electronic collection for rural people has been developed by the National Centre for Agricultural Information (NACESTI), located in Hanoi.
- AHKRC Digital Library, Islamabad, Pakistan**
AHKRC Digital Library contains thousands of documents, images and reports. This collection contains four collections. SSK Archives contain NFRs (Note for the Records), Letters, Faxes and other office documents from 1980s to date. Digital Images collection includes hundreds of historic photographs of Akhter Hameed Khan (A renowned social scientist who participated in different events of RSPs. Journals and Reports collection have more than 500 e-reports. And much more....

New Zealand Digital Library - Mozilla Firefox

New Zealand Digital Library - Mozilla Firefox

Aukerak EN EU

THE NEW ZEALAND DIGITAL LIBRARY
The University of Waikato

User contributed collections

- New Orleans Disaster Oral History Project
- Literature for Vietnam

Humanitarian and UN collections

- humanity development library
- medical and health library
- collection on critical global issues 2nd edition
- world environment library
- virtual disaster library
- food and nutrition library 2.2

Biblioteca Digital Científica de les Illes Balears - Universitat de les Illes Balears - Mozilla Firefox

Biblioteca Digital Científica de les Illes Balears - Universitat de les Illes Balears - Mozilla Firefox

Aukerak EN EU

seleccione una col·lecció

- METACERCADOR Cerca a totes les col·leccions
- Bolletí de la Societat Arqueològica Lul·liana
- DADES BALEARS
- LITIAS RENAL I BIOMINERALITZACIÓ
- LLEVANT 1916-1931
- LIBRES DE CONSELLS DE CAMPOS
- LLIÇONS INAUGURALS
- MAYURQA
- Memòries d'investigació
- Capdepera Pla parcel·lari
- MANACOR Pla parcel·lari
- TESIS DOCTORALS UIB
- Territoris

Biblioteca Digital Científica de les Illes Balears

La Biblioteca Digital Científica de les Illes Balears és un portal d'accés a la informació científica i erudita produïda en aquestes illes.



DSpace (www.dspace.org)

- *MIT Libraries* eta *Hewlett-Packard Labs*
- BSD lizentzia
- Java, Java API, Apache, Tomcat
- OAI-PMH
- Datu-eredua: Datu-basea (PostgreSQL)
 - Komunitatea (adib. saila)
 - Bildumak / Azpibildumak: komunitateen artean ere
 - Elementuak: bilduma anitzetan ere
 - Paketeak (*bundles*): dokumentu digital bat edo gehiago.

DSpace (www.dspace.org)

Country	Institution	URL
Portugal	Instituto Superior de Engenharia do Porto ISEP-GILT	http://gilt.isep.iupp.pt:8080/melior/
Portugal	New University of Lisbon	http://dspace.fc.unl.pt/
Portugal	Polytechnic Institute of Leiria	http://iconline.iplleiria.pt/
Portugal	Universidade Aberta - Em Qualquer Lugar do Mundo	http://repositorioaberto.univ-ab.pt/
Portugal	Universidade de Coimbra	https://estudogeral.sib.uc.pt:8443/dspace/
Portugal	Universidade de Lisboa	http://docs.di.fc.ul.pt/
Portugal	Universidade do Algarve	http://sapientia.ualg.pt/
Portugal	Universidade do Porto	http://repositorio.up.pt/aberto/
Portugal	Universidade dos Açores	http://repositorio.uac.pt/
Portugal	Universidade Fernando Pessoa	https://bdigital.ufp.pt/dspace/
Portugal	Universidade do Minho	https://repositorium.sdum.uminho.pt/
Portugal	Universidade Técnica de Lisboa	http://www.repository.utl.pt/
Portugal	University of Minho	http://papadocs.dsi.uminho.pt:8080/index.jsp
R - Russia		
Russia	Kras University	https://elib.krasu.ru/
Russia	Siberian Federal University (formerly Krasnoyarsk State University)	http://elib.sfu-kras.ru/
Russia	Urals State University	http://elar.usu.ru/
S - Singapore, South Africa, South Korea, Spain, Sweden, Switzerland		
Singapore	Nanyang Technological University Library	http://dr.ntu.edu.sg/
Singapore	National University of Singapore	https://sdenet.sde.nus.edu.sg/dspace/
Singapore	SIM University	http://sst.unisim.edu.sg:8080/dspace/
South Africa	Centre of Excellence for Invasion Biology	http://ir.sun.ac.za/cib
South Africa	Council for Scientific and Industrial Research (CSIR)	http://researchspace.csir.co.za/dspace/
South Africa	Durban University of Technology	http://ir.dut.ac.za:8080/dspace/
South Africa	North-West University	http://dspace.nwu.ac.za/
South Africa	Stellenbosch University	http://ir.sun.ac.za/dspace
South Africa	University of Cape Town	http://lawspace.law.uct.ac.za/
South Africa	University of Johannesburg	http://digispace.uj.ac.za:8080/dspace/
South Africa	University of Pretoria	https://www.up.ac.za/dspace/
South Korea	Korea Advanced Institute of Science and Technology (KAIST)	http://koasas.kaist.ac.kr/
South Korea	Korea Institute for International Economic Policy	http://dspace.kiep.go.kr:8080/dspace/
South Korea	Seoul National University	http://s-space.snu.ac.kr/
Spain	Consejo Superior de Investigaciones Científicas (CSIC)	http://digital.csic.es/
Spain	EMD Fundacion Sancho el Sabio Fundazioa	http://www.memoriadigitalvasca.es/
	Gobierno del Principado de Asturias y	

Welcome to **Digital.CSIC**, the Institutional Repository of the **Spanish National Research Council (CSIC)**.

Digital.CSIC is a repository of digital documents, designed for organising, archiving, preserving and disseminating via open access the intellectual output generated as a product of the CSIC research activities.

Communities in Digital.CSIC

- [+] Biology and Biomedicine [1231]
- [+] Food Science and Technology [523]
- [+] Materials Science and Technology [730]
- [+] Physical Sciences and Technologies

EMD Bilatu hemen:

Zerrendatu:

- Komunitateak**
- Tituluak**
- Egileak**
- Gaiak**
- Data**

ONGI ETORRI EMD-RA EUSKAL MEMORIA DIGITALA MEMORIA DIGITAL VASCA

Sancho el Sabio Fundazioak produzitzen, eskuratzen eta Gasteizen duen egoitzan gordetzen dituen euskal kulturari buruzko fondo digitalen gordetegia da EMDa; sarbide irekia du.

Bilatu

Sartu DSpaceen bilatu behar duzun testua



Fedora Commons (www.fedora.info)

- Interes berezia babeskudean (*preservation*), bilaketan eta proiektu handietan
- Konplexuagoa, arkitektura banatua
- ECL (*Educational Community License*) lizentzia
- Java, API anitz (SOAP zerbitzuak):
 - kudeaketa, atzipena, bilaketa...
- Apache, Tomcat
- OAI-PMH
- Datu-eredua: Datu-basea (PostgreSQL)
 - objektuak: *data*, *behaviour definition* eta *behaviour mechanism*
 - *data*: ID, *Dublin Core*, fitxategia(k), XML/RDF metadatuak (beste objektuekin lotzeko)
 - FOXML

Fedora Commons (www.fedora.info)

The screenshot shows the 'Examples' page of the Fedora Commons website. The browser's address bar displays 'http://www.fedora-commons.org/community/examples'. The page features a navigation menu with 'Home', 'About', 'Software', 'Documentation', and 'Community' (highlighted in red). Below the menu, there is a 'You are here' breadcrumb trail and a search box. The main content area is titled 'Examples' and includes a paragraph explaining the purpose of the page. A grid of six featured sites is displayed, each with a title, a small image, and a brief description. The sites are: 1. eScience/eResearch: Islandora, described as a suite of Fedora-based systems for a virtual research environment. 2. Culture/Museums: WGBH, described as a project using Fedora for a moving image archives project. 3. Preservation/Archiving: Jewish Women's Archive, described as a project to archive the history of American Jewish women. 4. Open Access: Public Library of Science, described as a peer-reviewed science and medicine journal. 5. eScience/eResearch: The eSciDoc Project, described as a project for permanent access to research results. 6. Preservation/Archiving: Rutgers University Library Community Repository, described as a workflow management system for digital preservation.

Examples — Fedora Repository - Mozilla Firefox

http://www.fedora-commons.org/community/examples

Example Uses

- Culture/Museums
- Digital Collections
- Education
- eScience/eResearch
- Institutional Repositories
- Open Access
- Preservation/Archiving

Featured Sites

- The National Science Digital Library
- Jewish Women's Archive
- Tufts University Digital Collections and Archives Department
- The eSciDoc Project
- The Irish Virtual Research Library and Archive Project
- Rutgers University Library Community Repository
- Australian Research Repositories Online to the World
- WGBH
- Forced Migration Online
- Public Library of Science
- University of Maryland Digital Collections
- Islandora
- Encyclopedia of Chicago
- University of Virginia Library
- The RepoMMan Project
- More...

You are here: Home → Community → Examples

Home About Software Documentation **Community** Log in

Examples

See how others are using the Fedora Repository to provide access to a wide variety of information types.

Below is an exhibit of selected Fedora-based systems. Click on the Example Uses and Organizations navigation on the left to **see more examples!**

eScience/eResearch

Islandora

Islandora is currently implementing a suite of Fedora-based systems that include a distributable Virtual Research Environment (VRE) for scientists, and new tools that highlight library and cultural holdings for students and alumni. Islandora integrates Drupal with Fedora.

Culture/Museums

WGBH

WGBH Boston uses Fedora for its moving image archives project. WGBH is developing a custom PHP front end, using the Zend Framework, that communicates with the Fedora repository using MediaShelf's REST interface.

Preservation/Archiving

Jewish Women's Archive

The archive's goal is to "uncover, chronicle, and transmit to a broad public the rich history of American Jewish women." The project is utilizing cloud storage to keep the overall costs within their budget.

Open Access

Public Library of Science

PLoS ONE is a communication tool for peer-reviewed science and medicine. PLoS ONE is built upon the innovative technologies of Topaz, Fedora, and Mulgara, providing an open publishing platform that combines an online scientific journal with community features such as annotations, discussions, ratings and tags.

eScience/eResearch

The eSciDoc Project

The eSciDoc project is intended to ensure permanent access to the research results and research materials of the Max-Planck Society and seamless integration within eSciDoc as well as integration into an emerging, global, electronic knowledge space. Fedora's object storage layer is a central and critical component of the eSciDoc framework.

Preservation/Archiving

Rutgers University Library Community Repository

Rutgers University Libraries have developed a workflow management system to create and ingest objects and metadata as well as user tools to create a Fedora-based cyber-infrastructure that is flexible, user-oriented, useful and meaningful to a wide range of users with a design focus on preservation.

The screenshot shows the 'All Collections' page of the National Science Digital Library (NSDL). The browser's address bar displays 'http://www.nsdllib.org'. The page features a navigation menu with 'Home', 'Browse', and 'All Collections' (highlighted). Below the menu, there is a search box and a list of collections. The collections are organized into categories: Biological and Health Sciences, Engineering, Computing, and Technology, General Science and STEM, Geosciences, Mathematics, Physical Sciences, and Social Sciences. Each category has a list of collections with their titles and brief descriptions. The page also includes a 'Browse All Collections' section and a 'Collections in bold are NSDL Pathways or their contributing collections' section.

NSDL.org - All Collections - The National Science Digital Library - Mozilla Firefox

NSDL Home > Browse > All Collections

All Collections

New Collections

Biological and Health Sciences

- For education
- For research

Engineering, Computing, and Technology

- For education
- For research

General Science and STEM

- For education
- For research

Geosciences

- For education
- For research

Mathematics

- For education
- For research

Physical Sciences

- For education
- For research

Social Sciences

- For education
- For research

Browse All Collections

Listed below, in alphabetical order, are all of the collections that participate in NSDL by sharing about their individual resources.

To browse a list of collections focusing on a particular subject area, or subject area and audience collections, choose from the navigation menu to the left.

Collections in bold are NSDL Pathways or their contributing collections.

[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](#)

- Academy of Natural Sciences' Ewell Sale Stewart Library: American Naturalists in the First Half of Nineteenth Century**
<http://www.ansp.org/library/>
The Library of the Academy of Natural Sciences--the oldest continuously operating natural science library in the Western hemisphere--houses many rare and important books and papers. It has digitized and documented the establishment of a distinctly American approach to natural science during ... [Full Description](#)
- ACM Portal: The ACM Digital Library**
<http://portal.acm.org/portal.cfm>
The Association for Computing Machinery (ACM) has full text of every article published by the ACM since 1955. Requires a login. [Full Description](#)
- ACM Women in Computing**
<http://www.engineeringpathway.com/view.jhtml?&id=AD0699F5-F85D-4E74-8F49-50...>
The mission of ACM's Committee on Women in Computing (ACM-W) is to engage in activities and programs that aim to improve working and learning environments for women in computing. This includes programs and activities that result in more equal representation of women in computer science, such as mentoring and professional development. [Full Description](#)
- Advances in Engineering Education: A Journal of Engineering Education Applications**
http://www.engineeringpathway.com/ep/learning_resource/summary/?&id=F2ADF80...
The mission of the peer-reviewed journal Advances in Engineering Education (AEE), part of the NEEDS Pathway, is to disseminate proven innovations in engineering education practice, especially those best presented through the creative use of multimedia. The journal includes descriptions of ... [Full Description](#)
- Alsos Digital Library for Nuclear Issues**
<http://alsos.wlu.edu/>
The Alsos Digital Library is an annotated bibliography describing over 2,000 books, articles, film and video sites that together offer a broad, balanced perspective on current and historical nuclear issues. The references trace the development of nuclear science, the Manhattan Project, the Cold War, and the development of nuclear energy. [Full Description](#)
- American Mathematical Society Books Online**
http://www.ams.org/online_bks/online_subject.html
The American Mathematical Society's Books Online makes available full text of over 30 scholarly books published by the AMS, covering a range of subjects including algebra and algebraic geometry, a ... [Full Description](#)



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 - artikulu zientifiko irekietan espezializatua
- GPL lizentzia
- OAI-PMH da bere oinarria
- LAMP teknologia (*Perl*)
- *DublinCore* and METS

Eprints (www.eprints.org)

Sites Powered by EPrints - Mozilla Firefox.org Impress

http://www.eprints.org/software/archives/

Sites Powered by EPrints

HOME SOFTWARE SERVICES OPEN ACCESS

The following is certainly not a complete list. The data is taken from archives.eprints.org. You can add or correct your information there.

269 archives listed.

Archive Name	Current Size (if known)
Advanced Knowledge Technologies (AKT) EPrints Archive	341
AgentLink.org EPrints AgentLink Publications Clearinghouse	1410
AnimalPhysiology-LivestockSystems	340
Applied Computing Sciences ePrints Service	88
Aquatic Commons	1299
Archive libre de l'Université Louis Pasteur	708
Archive of European Integration	7113
Archive Université Lyon 2	280
Archivio Marini	82
Archivo Digital de la UPM.	910
Arena Científica	0
Arquivos Abertos da Sociedade Brasileira de Genética - IBICT	0
ASSC publications	226
Australian Library and Information Association e-prints	95
Australian National University EPrints2 Archive	2791
Behavioral and Brain Sciences (Journal)	177
Bioline International EPrints Repository	2980
Birkbeck ePrints	509
Birmingham Eprints Service	0

EPrints - Digital Repository Software - Mozilla Firefox

http://www.eprints.org/software/

EPrints - Digital Repository Software

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Sukhdev Singh and Naina Pandita, OpenMED@NIC

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EPrints 3 is "a significant milestone towards ideal repository software". [Report](#) by Peter Millington and William J. Nixon, *Ariadne*, issue 50, January 2007

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 - ✓ Import data from other repositories and services
 - ✓ Autocomplete-as-you-type for fast data entry
- Researchers**
 - ✓ Optimised for Google Scholar
 - ✓ Works with bibliography managers
 - ✓ Works with desktop applications and new Web 2.0 services
 - ✓ RSS feeds and email alerts keep you up to date
- Developers**
 - ✓ Tightly-managed, quality-controlled code framework
 - ✓ Flexible plugin architecture for developing extensions
- Webmasters**
 - ✓ Easily integrate reports, bibliographic



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2.0 ikuspuntua

- Erabiltzaileekiko interakzioa handitzea komunitateak sortuz
 - norberaren liburutegia
 - wikiak/blogak komentarioak uzteko
 - gomendioak/puntuazioa lagunentzat
 - telefonoarekin (*Android*)
- Jendarte-sareetarako softwarea:
 - SUN-eko *SocialSite*: Java aplikazioak gurean erabiltzeko
 - kautotzeko modu *estandarra*
 - Google-ko *OpenSocial* (API): *gadget*-ak sortzeko
 - Apache-ko *Shindig*: sare sozialak (*OpenSocial*) eta gailu mugikorrak

Konplexutasuna (Carrasco, 2008)

