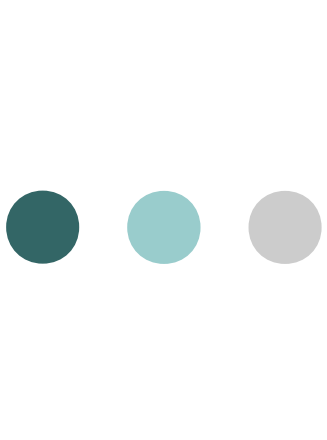


Dokumentazioaren kudeaketarako software librea

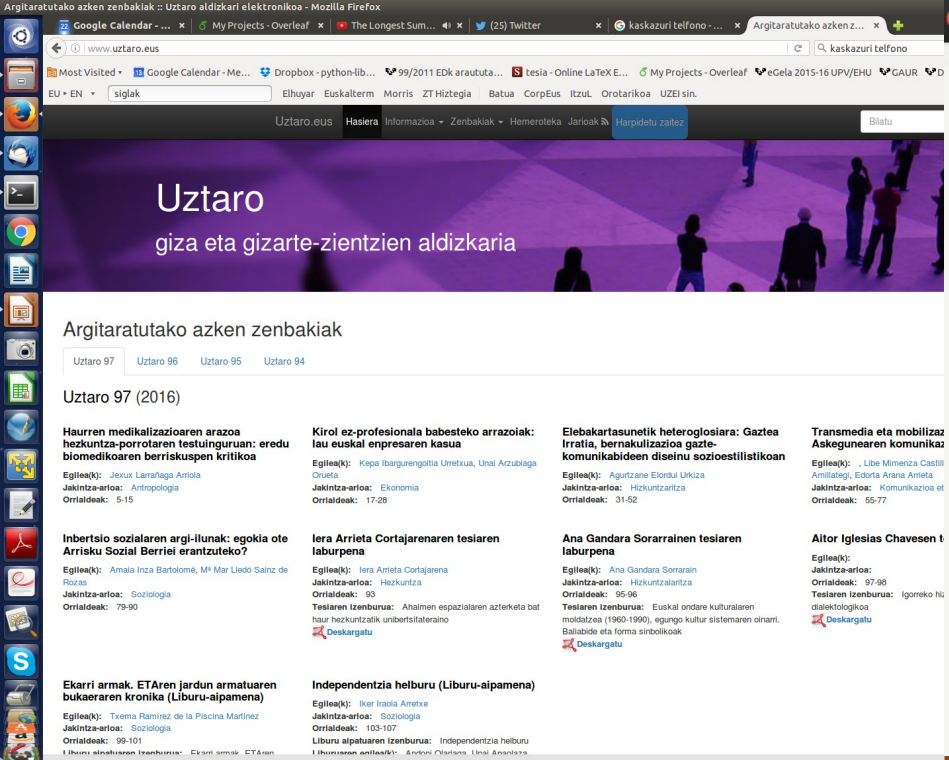
Iñaki Alegria, Kepa Sarasola (IXA taldea)
i.alegria@ehu.eus

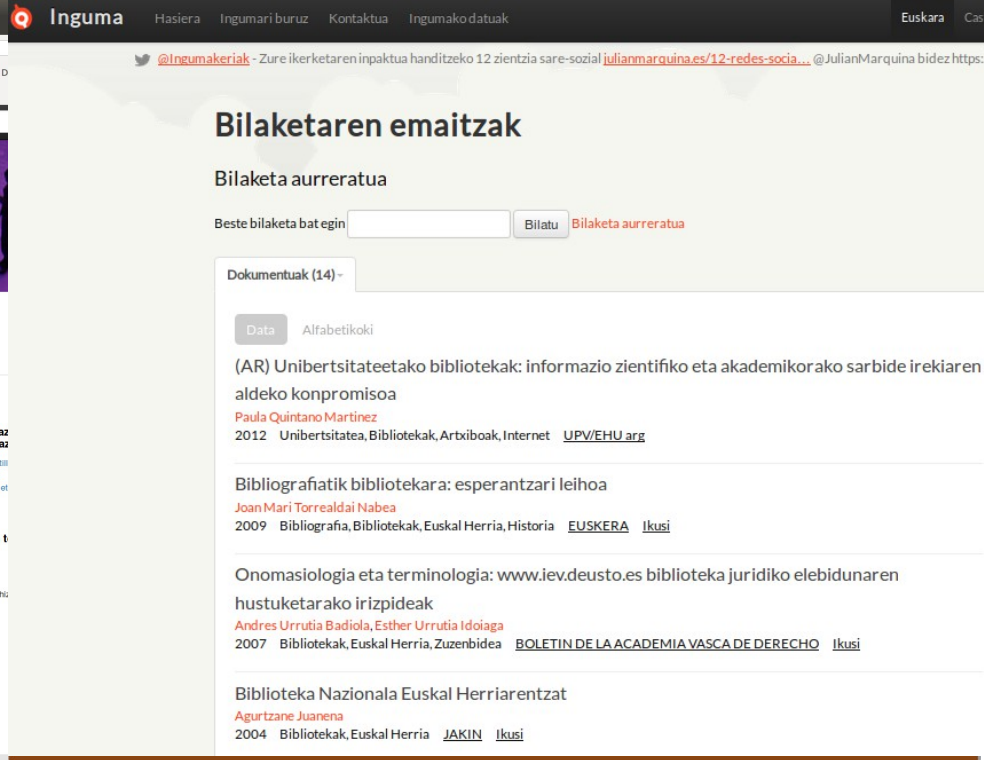
Motibazioa

- Ez gara oso adituak, baina jakin-mina badugu
  - 2009n: *Liburutegi digitaletarako teknologiak*
    http://www.unibertsitatea.net/otarrea/bilaketa?SearchableText=Liburutegi+digitaletarako+teknologiak
- Gure ingururako irtenbideak:
  - UEU: *inguma.eus*, OJS (*Open Journal System*), Moodle, WordPress...
  - EHU: ADDI(DSpace)...
- Proiektuak ikerkuntza aplikatuan (*Digital humanities*):
  - *Paths* (Europeana)
  - QR-museoak
  - Testu historikoen normalizazioa
- Web semantikoa *versus* web-aren semantika

Motibazioa. Adibidea

- Aldizkari zientifikoak UEUn
  - *Uztaro* (uztaro.eus):
    - 1990etik, 100 zenbaki: soluzio propioa
    - Ondo dabil, baina mantentze-lana du
  - *Kondaira* (kondaira.eus):
    - Soluzio propioa -> arazoak -> itxita
    - Berriro sortu da soft. libreaz: *OJS*
  - *Aldiri* (aldiri.eus)
    - Blog (*Wordpress*)+papera
    - 2. urratsa: gunea wordpress berezi bateann
    - OJS ez da egokia
- Inguma datu-basea (inguma.eus)
  - Soluzio propioa momentuz
    - Elkarreragingarritasuna (OAI)


Argitaratutako azken zenbakiak :: Uztaro aldizkari elektronikoa - Mozilla Firefox
Uztaro.eus
Hasiera
Uztaro
giza eta gizarte-zientzien aldizkaria
Argitaratutako azken zenbakiak
Uztaro 97
Uztaro 96
Uztaro 95
Uztaro 94
Uztaro 97 (2016)
Haurren medikalizazioaren arazoa hezkuntza-porrotaren testuinguruan: eredu biomedikoaren berriskuspen kritikoa
Egilea(k): Jexux Larrañaga Arriola
Jakintza-arloa: Antropologia
Orrialdeak: 5-15
Kirol ez-profesionala babesteko arrazoiak: lau euskal enpresaren kasua
Egilea(k): Kepa Ibargurengoitia Urretxua, Unai Arzubiaga Orueta
Jakintza-arloa: Ekonomia
Orrialdeak: 17-28
Elebakartasunetik heteroglosiara: Gaztea Irratia, bernakulizazioa gazte-komunikabideen diseinu sozioestilistikoan
Egilea(k): Agurtzane Elordui Urkiza
Jakintza-arloa: Hizkuntzaritza
Orrialdeak: 31-52
Transmedia eta mobilizaz
Askegunearen komunikaz
Egilea(k): , Libe Mimenza Castill
Arrillategi, Edorta Arana Arrieta
Jakintza-arloa: Komunikazioa et
Orrialdeak: 55-77
Inbertsio sozialaren argi-ilunak: egokia ote Arrisku Sozial Berriei erantzuteko?
Egilea(k): Amaia Inza Bartolomé, Mª Mar Lledó Sainz de Rozas
Jakintza-arloa: Soziologia
Orrialdeak: 79-90
Iera Arrieta Cortajarenaren tesiaren laburpena
Egilea(k): Iera Arrieta Cortajarena
Jakintza-arloa: Hezkuntza
Orrialdeak: 93
Tesiaren izenburua: Ahalmen espazialaren azterketa bat haur hezkuntzatik unibertsitateraino
Deskargatu
Ana Gandara Sorarrainen tesiaren laburpena
Egilea(k): Ana Gandara Sorrarain
Jakintza-arloa: Hizkuntzaritza
Orrialdeak: 95-96
Tesiaren izenburua: Euskal ondare kulturalaren moldatzea (1960-1990), egungo kultur sistemaren oinarri. Baliabide eta forma sinbolikoak
Deskargatu
Aitor Iglesias Chavesen t
Egilea(k):
Jakintza-arloa:
Orrialdeak: 97-98
Tesiaren izenburua: Igorreko hi
dialektologikoa
Deskargatu
Ekarri armak. ETAren jardun armatuaren bukaeraren kronika (Liburu-aipamena)
Egilea(k): Txema Ramírez de la Piscina Martínez
Jakintza-arloa: Soziologia
Orrialdeak: 99-101
Independentzia helburu (Liburu-aipamena)
Egilea(k): Iker Iraola Arretxe
Jakintza-arloa: Soziologia
Orrialdeak: 103-107
Liburu aipatuaren izenburua: Independentzia helburu


Inguma
Hasiera
Ingumari buruz
Kontaktua
Ingumako datuak
Euskara
@Ingumakeriak - Zure ikerketaren inpaktua handitzeko 12 zientzia sare-sozial julianmarquina.es/12-redes-socia... @JulianMarquina bidez https:
Bilaketaren emaitzak
Bilaketa aurreratua
Beste bilaketa bat egin
Bilatu
Bilaketa aurreratua
Dokumentuak (14)
Data
Alfabetikoki
(AR) Unibertsitateetako bibliotekak: informazio zientifiko eta akademikorako sarbide irekiaren aldeko konpromisoa
Paula Quintano Martinez
2012 Unibertsitatea, Bibliotekak, Artxiboak, Internet UPV/EHU arg
Bibliografiatik bibliotekara: esperantzari leihoa
Joan Mari Torrealdai Nabea
2009 Bibliografia, Bibliotekak, Euskal Herria, Historia EUSKERA Ikusi
Onomasiologia eta terminologia: www.iev.deusto.es biblioteka juridiko elebidunaren hustuketarako irizpideak
Andres Urrutia Badiola, Esther Urrutia Idoiaga
2007 Bibliotekak, Euskal Herria, Zuzenbidea BOLETIN DE LA ACADEMIA VASCA DE DERECHO Ikusi
Biblioteka Nazionala Euskal Herriarentzat
Agurtzane Juanena
2004 Bibliotekak, Euskal Herria JAKIN Ikusi

Aldiri - Arkitektura eta Abar - Mozilla Firefox
ALDIRI
ARKITEKTURA ETA ABAR
HASIERA
BIDALI ZURE ARTIKULUA
PAPEREKOAK
IDAZLEENTZAKO OHARRAK
HARPIDETU
EGIN ZAITEZ ARKITEKTO, EA ZEUK HOBETO EGITEN DITUZUN!
Juan Díez del Corral arkitektoari esker jakin dut bideotxo honen existentziaz. Minutu bat baduzu, merezi du ikustea. Bertan, F. J. Sáenz de Oiza arkitekto kasedarrak 1991n entzun eta erantzun zituenekoak ageri dira, berak diseinatutako Madrilgo M-30 errepidearen ondoko "El Ruedo"…
Jarraitu irakurtzen →
#BIZITZADAHANDIENA
BILATU
AZKEN BIDALKETAK
Egin zaitez arkitekto, ea zeuk hobeto egiten dituzun!
#BizitzaDaHandiena
25. zenbakia: "Donostia, kulturaren hiria?"
LuHi3
Call for Papers. Aldiri 28: "Suburbia"
IRUZKIN BERRIAK
Unai Fdz. de Betoño(e)k #BizitzaDaHandiena bidaltetan
Imano(e)k #BizitzaDaHandiena bidaltetan
25. zenbakia: "Donostia, kulturaren hiria?" – Aldiri(e)k Idazleentzako oharrak bidaltetan
25. zenbakia: "Donostia, kulturaren hiria?" – Aldiri(e)k Harpidetu bidaltetan
Lasaitasun-mapak – Aldiri(e)k 24. zenbakia: "Paisaia badator" bidaltetan
ARTXIBOAK
ETIKETAK

ueu
udako euskal unibertsitatea
kondaira
ISSN: 1698-9287
HASIERA
GURI BURUZ
HASI SAIOA
ERREGISTRATU
BILATU
UNEKOA
ARTXIBOAK
HISTORIA MATERIALA
OHAR LEGALA
BLOGA
Hasiera > Artxiboak > 2015
2015
Kondaira 15
Aurkibidea
Artikuluak
Transmisio sexualeko gaitzak Gerra Zibilean
Ainhoa Semper
PDF
Gipuzkoako jelkideak, 1904-1923
Mikel Aizpuru
PDF
Gerra Zibila bertsotan
Joseba Beltza
PDF
ISSN: 1698-9287
OPEN JOURNAL SYSTEMS
Aldizkariaren laguntza
ERABILTZAILEA
Erabiltzaile-izena
Pasahitza
Gogora nazazu
Hasi saioa
JAKINARAZPENAK
Ikusi
Harpidetu
ALDIZKARIAREN EDUKIA
Bilatu
Bilaketaren esparrua
Denak
Bilatu
Arakatu
Zenbakiz
Egilez
Tituluz
Beste aldizkari batzuk

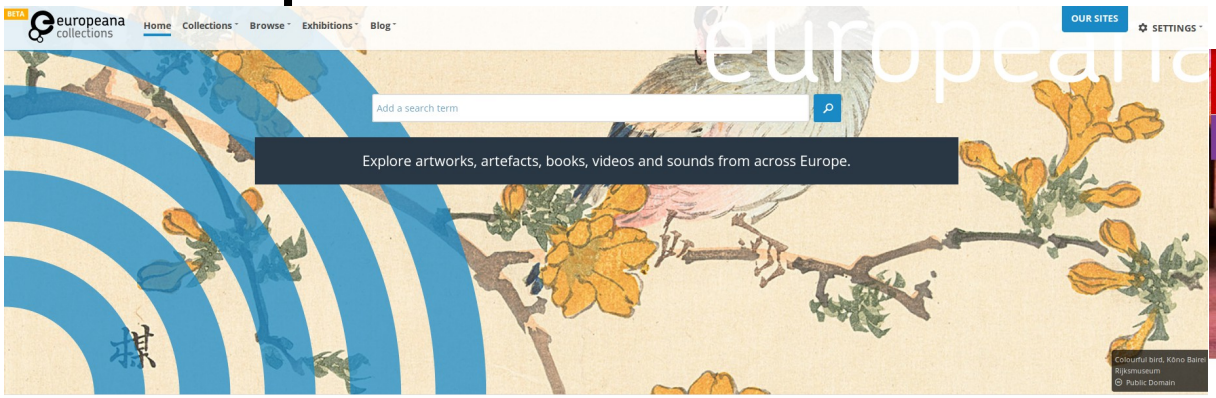
Aurkezpena

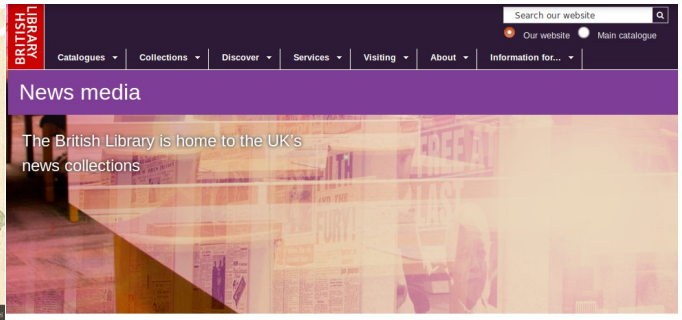
- **Sarrera**
- Metadatuak eta estandarrak
  - XML eta inguruko teknologiak
  - Dokumentazioarekin lotutako estandarrak
    - DublinCore, URI...
  - Web semantikoa: RDF, RSS...
- Software librea
  - OCR
  - Liburutegiak: Dspace, Koha...
  - Eduki-kudeatzaileak: OJS, WordPress, Moodle
- Azterketa-kasua

Bibliografia

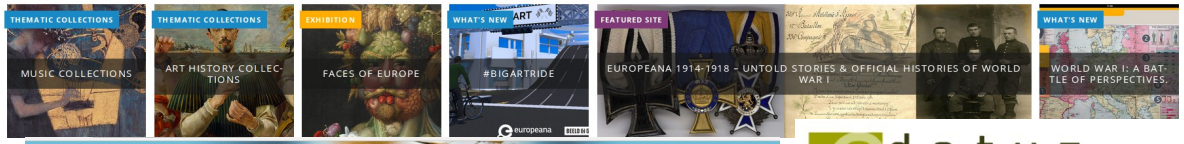
- Wikipedia. *Digital Library. http://en.wikipedia.org/wiki/Digital_library*
- Iñaki Alegria*. Liburutegi digitaletarako teknologiak.* 2009
  http://www.unibertsitatea.net/otarrea/bilaketa?SearchableText=Liburutegi+digitaletarako+teknologiak
- Xabier Arregi. *Liburutegi digitalak: formatuak eta estandarrak*
  http://www.unibertsitatea.net/otarrea/giza-zientziak/bibliotekonomia-eta-dokumentazioa/liburutegi-digitalak-formatuak-eta-estandarrak
- Terminoen zerrenda:
  - http://wiki.lib.sun.ac.za/index.php/List_of_Repository_Software
- Aldizkariak:
  - http://journal.code4lib.org/issues
    http://journal.code4lib.org/articles/8327
  - http://www.dlib.org/
- Blog:
  - https://modlibrarian.wordpress.com

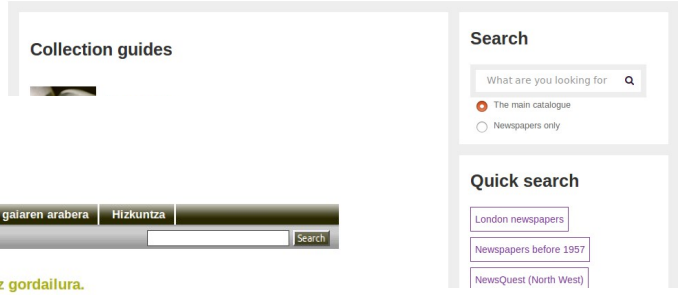
Sarrera: liburutegi digitalak



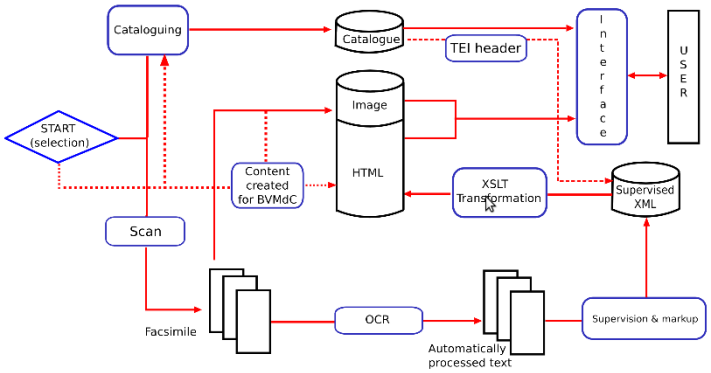


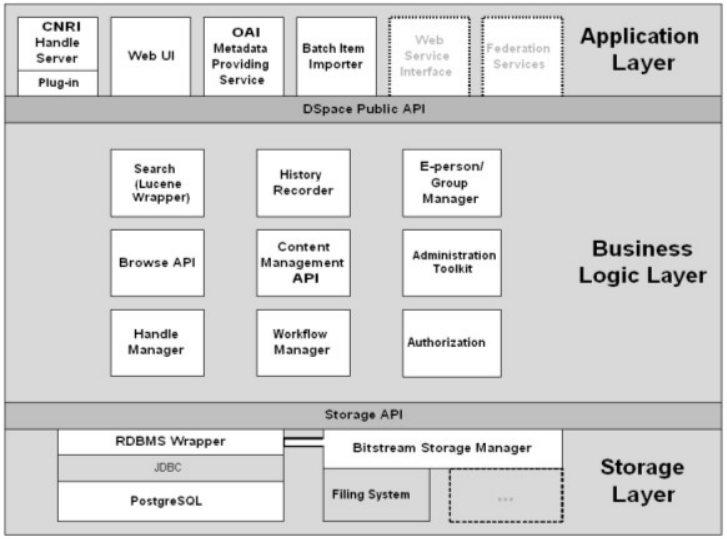
You'll find British and overseas newspapers dating back to the 1600s and we have growing collections of radio, television and web news

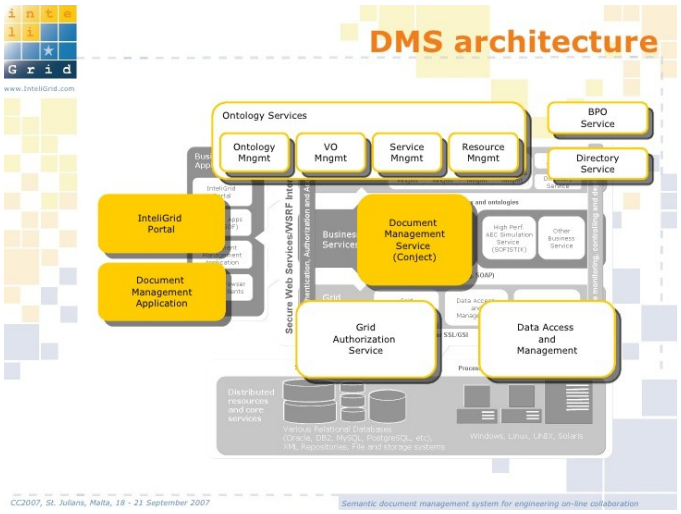




DLen arkitektura







Sarrera: liburutegi digitalak

- Arazoak
  - Egile-eskubideak
  - Kostua (batez ere digitalizatu behar denean)
    - Softwarearen kostua, bertsioak...
  - Elkarreragingarritasuna: estandarrak
    - metadatuak, bilatzaileak... (web semantikoa)
  - Mantentze/babeste digitala
    - URLak -> URI ...
    - Desagerpena
  - Mantentzea: datuen eta programen
    - formatuak
    - bertsioak
- Software librea (+estandarrak):
  - arlo guztietan laguntzen du, baina ez (hainbeste) hasierako kostuan

Software librea zertarako?

- Bildumaren argitalpena
  - Katalogoa (metadatuak)
  - Eduki propioak
    - Multimedia -> streaming
- Babeste/preserbazioa digitala (OCR, formatuak...)
- Bertako (komunitateko) ekoizpena:
  - Blogak eta argitalpenak
- Laguntza-funtzioak:
  - Bilaketa (*discovery*)
  - Identifikazioa (baimenak)
  - Lanpostuen erreserba, maileguen kudeaketa...
  - Parte hartzea, komunitatea, 2.0
  - Web analisia

Barriers to Initiation of Open Source Software Projects in Libraries

http://journal.code4lib.org/articles/10665

Purpose of System	Respondents using a system for this purpose	Respondents using an OSS solution	Percent respondents using an OSS solution
Institutional repository	69	52	75.4%
Blogging	65	51	78.5%
Digital preservation	57	50	87.7%
Publishing	57	42	73.7%
Authentication/identity management	67	35	52.2%
Digital asset management	64	34	53.1%
Web analytics	71	22	31.0%
Discovery layer	73	19	26.0%
Study room scheduler	59	18	30.5%
ELMS	23	17	73.9%
Streaming media	62	17	27.4%
Data warehouse	26	14	53.8%
Visualization	27	10	37.0%
Electronic resource management	71	9	12.7%
Link resolver	70	9	12.9%
Floor maps	43	8	18.6%
Data analysis	32	7	21.9%
ILS	74	6	8.1%
Course reserve	68	4	5.9%
Inter-Library loan	73	3	4.1%

Managing Digital Collections Survey Results

http://www.dlib.org/dlib/march15/bishoff/03bishoff.html

What is preventing your library from implementing a digital preservation program? (select all that apply)	Response Percent	Response Count
Lack of funding	73%	38
Other priorities	56%	29
Lack of technical expertise	23%	12
Other	23%	12
Lack of administrative support	21%	11
We don't know where to start	8%	4
Don't know	2%	1
Total	100%	52 (93 skipped)

Sarrera: joerak

- Atzipen multimodala eta multidispositiboa (telefonoa)
  - Diseinu moldagarria (*responsive*)
- Pertsonalizazioa/aurkezpen anitz
- Beste baliabideekin integratzea/aberastea (hiztegiak, entziklopediak, iritziak...)
- Hezkuntzarako egokitzapena
- 2.0 ikuspuntua
  - Etiketatzea eta ranking-a lankidetzan
    - autoritatea eta prestigioa
  - Parte-hartzea bultzatzea
  - Gomendio-sistema soziala
- Itzulpen automatikoarekin konbinatzea???

Sarrera: teknologiak

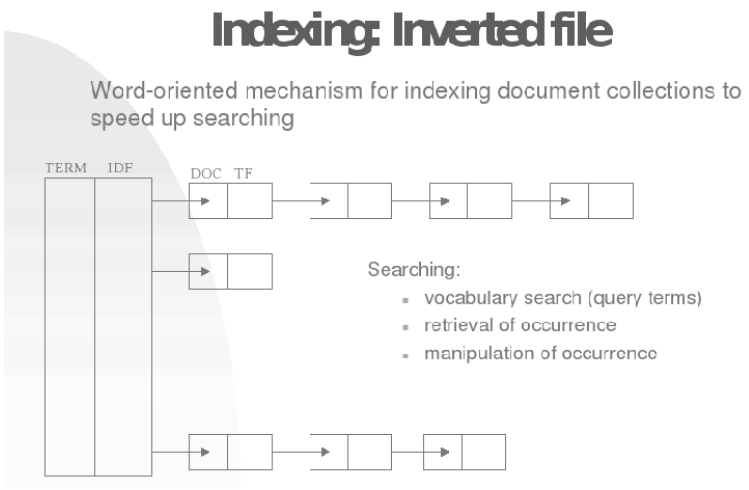
- OCR
- Metadatuen kudeaketa:
  - *DublinCore, MARC21*,TEI, RDF...
- Aplikazioak:
  - Datu-baseak
  - CMS (Eduki-kudeatzaileak)
- Bilatzaileak
  - Metadatuak eta edukiak konbinatzea
  - Lokala / federatua
- Nabigazioa
  - Erabilerraztasuna, usagarritasuna
- Alde soziala edo 2.0 ikuspuntua

Sarrera: bilaketak

- Bilaketa konplexuak gero eta gutxiago erabiltzen dira
- Askotan jendeak ez daki nondik hasi: bisita gidatuak/bideoak
- URLak ez dira gogoratzen/gordetzen:
  - bilatzaileetan ondo kokatu (SEO)
- Informazio gehigarriaren beharra: fitxa dokumental handia
- Testua dosi neurtuetan (eta *pdf* aukera, osorako)
- Orri arinak
- Jakina: Informazioa eta aurkezpena banatu behar

Sarrera: bilatzaileak

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



Aurkezpena

- Sarrera:
  - Dokumentazioaren kudeaketa
    - Liburutegi digitalak (2009tik abiatuta)
- **Metadatuak eta estandarrak**
  - **XML eta inguruko teknologiak**
  - **Dokumentazioarekin lotutako estandarrak**
    - **DublinCore, MARC, URI...**
  - **Web semantikoa: RDF, RSS...**
- Software librea
  - OCR
  - Liburutegiak: Dspace, Koha...
  - Eduki-kudeatzaileak: OJS, WordPress, Moodle
- Azterketa-kasua

Metadatuak eta estandarrak

- Software-Librea <-> **Estandarrak**
- XML: etiketatzeko lengoaia
  - Inguruko teknologiak: XSLT, Xpath, Xquery...
- LDetarako metadatuak
  - DublinCore
  - Marc21
  - XML-TEI
- Web semantikoa: RDF, RSS, SWORD, OAI-ORE
- Elkarreragingarritasuna (interoperabilitatea): OAI-MPH
- Erlazionatutako identifikadoreak:
  - URI, DOI, ORCID...

Metadatuak eta estandarrak

- DublinCore:
  - Baliabideen deskribapen sinplea
  - Beste estandarren integrazioa
  - Mailak: sinplea eta kualifikatua
  - RDFn integratua

Example of code [edit]

```
<meta name="DC.Format" content="video/mpeg; 10 minutes">
<meta name="DC.Language" content="en" >
<meta name="DC.Publisher" content="publisher-name" >
<meta name="DC.Title" content="HYP" >
```

- Marc21
  - MARC (MAchine-Readable Cataloging) estandarrak
  - Liburutegietarako: MARC -> MARC21/MARCXML
  - Konplexuagoa DublinCore baino (https://en.wikipedia.org/wiki/Schema_crosswalk)
- XML-TEI
  - Ahaltsuago eta ez hain bideratua
  - Dokumentu barruko elementuak: kapituluak, paragrafoak, akatsak...
  - Oso erabilia corpusgintzan eta lexikografian

Web semantikoaren formatuak

- RSS, *Really Simple Syndication*
  - Sindikaziorako formatua, edukiak partekatzeko (RDF)
  - ATOM (RSSrekiko formatu alternatiboa)
    - https://en.wikipedia.org/wiki/Atom_%28standard%29#Atom_compared_to_RSS_2.0
  - Eguneraketez informatzeko erabilia batez ere
- OAI-ORE: *Open Archives Initiative Object Reuse and Exchange*
  - LDetara zuzendutako RDFa: berrerabilpena/preserbazioa/bisualizazioa
  - ATOM eta Dublin Core barneratzen ditu
- OAI-PMH: *OAI-Protocol for Metadata Harvesting*
  - elkarreragingarritasuna
  - Aurreko formatuak + HTTP
- SWORD
  - ATOMeko espezializazioa liburutegi digitaletan
  - Bezero eta zerbitzarien arteko elkarrizketa
  - https://en.wikipedia.org/wiki/SWORD_%28protocol%29#SWORD-compliant_repositories

DSPACE

All Versions

DSpace 6.x (Unreleased)
DSpace 5.x (Current Release)
DSpace 4.x
DSpace 3.x
More Versions...

DSpace Documentation

Search

- DSpace System Documentation
  - Preface
  - Introduction
  - Functional Overview
  - Installation
  - Upgrading a DSpace Installation
  - Configuration
    - Authentication Plugins
    - Batch Metadata Editing Configuration
    - Configurable Workflow
    - Discovery
    - DSpace Service Manager
    - DSpace Statistics
    - Embargo
    - Google Scholar Metadata Mappings
    - **OAI**
    - SWORDv1 Client
    - SWORDv1 Server
    - SWORDv2 Server

Open Archives Initiative Protocol for Metadata Harvesting

Home | Projects | Specifications | Community | About OAI

Open Archives Initiative -> PMH -> Tools -> PMH Tools

The following table contains links to tools implemented by members of the Open Archives Initiative community. These tools are made available without guarantee as to their correctness. Questions about each tool should be directed to the individual implementer. All tools support the OAI-PMH v2.0, a few include legacy support for v1.0 and 1.1 and this is noted in the description.

Tool	*Implementer*	*Description*
Arc source	Old Dominion University	Arc is released under the NCSA Open Source License. Arc is a federated search service based on OAI-PMH. It includes a harvester, a search engine together with a simple search interface, and an OAI-PMH layer over harvested metadata. Arc can be configured for a specific community, and enhancements and customizations by the community are encouraged. Arc is based on Java Servlet technology and requires JDK1.4, Tomcat 4.0x, and a RDBMS server (tested with Oracle and MySQL).
Archimede	Laval University Library	Archimede is an open-source software for institutional repositories. It features full text searching, multiplatform support, Web user interface, and more. Archimede fully supports OAI-PMH requests version 2.0.
DSpace	HP Labs and MIT Libraries	DSpace is an open source digital asset managment software platform that enables institutions to capture and describe digital content. It runs on a variety of hardware platforms and supports OAI-PMH version 2.0.
EnhancedOAIServer	National Documentation Center, Greece	The enhanced OAI server is a Java Servlet web application that implements the Open Archives Initiative Protocol for Metadata Harvesting (OAI-PMH) v2.0. It is based on OAICat and the Biblio Transformation Engine. More than the flexibility it allows with BTE (custom filter and modifiers), it allows the administrator to define metadata mappings using XSLTs and that way to support easily more metadata formats.
eprints.org	University of Southampton	Software to run centralised, discipline-based as well as distributed, institution-based archives of scholarly publications. The software is OAI compliant, i.e. metadata can be harvested from repositories running the software using the OAI metadata harvesting protocol.
Fedora	Cornell University	An open and distr OAI-PMH
MARCXML framework	Library of Congress	A suite o MARC2 transforr schema
MyCoRe	MyCoRe community	MyCoRe institutio adaptab on conte
Net::OAI::Harvester	Ed Summers	Net::OAI found in HTTP).
OAIA	University of Southhampton	Based o caching
OAI Java Implementation for Linux	University of Illinois, Urbana-Champaign	This is a Java. Th /showfile

ORE Specifications and User Guides

- Table of Contents
- Primer
- **User Guides**
  - Resource Map Implementation in RDF/XML
  - Resource Map Implementation in RDFa
  - Resource Map Implementation in JSON-LD *(beta)*
  - HTTP Implementation
  - Resource Map Discovery
- **Specifications**
  - Abstract Data Model
  - Vocabulary
- Tools and Additional Resources

OAI-PMH

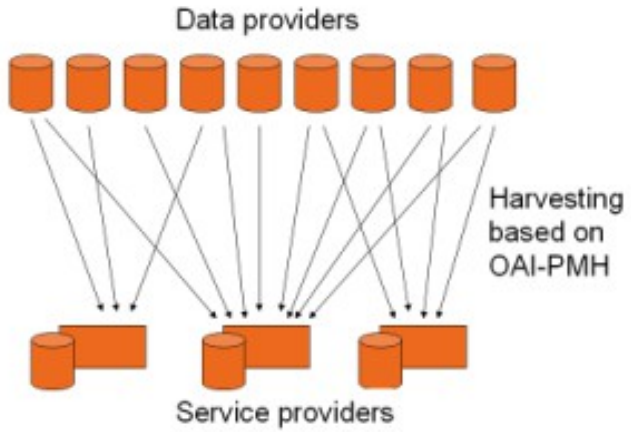
- LDen sareak eratzeko estandarra
- Metadatuak biltzeko protokoloa: OAI-PMH
  - *Open Archives Initiative Protocol for Metadata Harvesting*
  - Estandar irekia: *XML + HTTP*
  - *DublinCore* derrigorrezkoa da (beste batzuk aukeran)
  - Ohiko bilatzaileek erabilia
  - Tresna askotan integratua
  - RSS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

Bilatzaileak: OAI-PMH

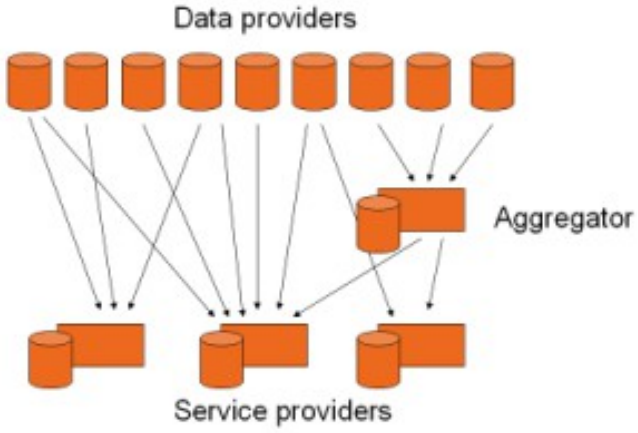
OAI: General Assumptions

- 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

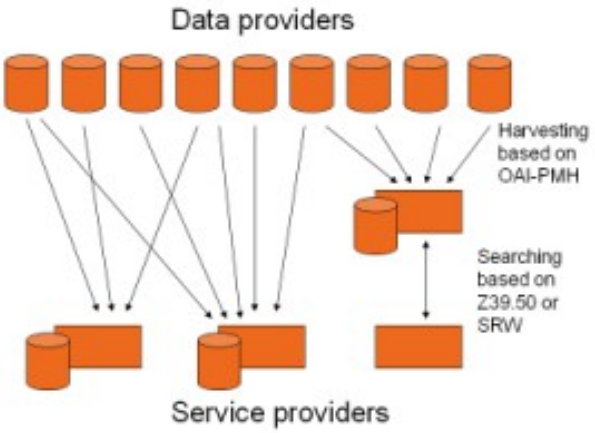
Multiple data and service providers



Aggregators



Can be mixed with x-searching



Bestelako estandarrak

- Erlazionatutako identifikadoreak:
  - URI: elementu baten identifikadorea sarean (URL gehienetan)
  - RDF/OWL:
    - RDF: Hirukoteetan oinarritutako semantika: subjektua/predikatua/objektua
    - OWL: semantika gehiago (ontologia)
  - DOI: dokumentu digitalen identifikadore iraunkorra
  - ORCID: *Open Researcher and Contributor ID*
- Adibide bat: artikulu zientifikoak estekatzea

  Linking Publications and Data: Challenges, Trends, and Opportunities

  http://www.dlib.org/dlib/may16/mayernik/05mayernik.html

Aurkezpena

- Sarrera:
  - Dokumentazioaren kudeaketa
    - Liburutegi digitalak (2009tik abiatuta)
- Metadatuak eta estandarrak
  - XML eta inguruko teknologiak
  - Dokumentazioarekin lotutako estandarrak
    - DublinCore, URI...
  - Web semantikoa: RDF, RSS...
- **Software librea**
  - **OCR**
  - **Liburutegiak: Dspace, Koha...**
  - **Eduki-kudeatzaileak: OJS, WordPress, Moodle**
- Azterketa-kasua

Software librea

- OCR: Tesseract
- LD:
  - Bildumen kudeaketa: Dspace, Fedora, eprints
  - Liburutegien kudeaketa: Koha-Kobli
  - OpenRepository
- CMS: WordPress, Drupal, Django...
- Aldizkariak: OJS (OCS)
- Irakaskuntza: Moodle

SLa OCR-rako

- Iruditik testura
- Enpresa espezializatuak
  - Hizkuntza-eredu okerra ez erabili!
- *Tesseract*
  - Hizkuntza bakoitza bere eredua behar du
  - Euskararako hobetu beharra (egokitzapen historikoa)
    - https://github.com/tesseract-ocr/tessdata
    - https://github.com/tesseract-ocr/langdata
- Google:
  - OCRopus
  - Google OCR (Tesseract-en oinarrituta)
  - https://opensource.com/life/15/9/open-source-extract-text-images
- Erabilpen bat:
  - http://www.mitzuli.com/eu/

DL teknologiak

Programak:

- Neurrira egindako sistemak
  - Oinarrizko datu-base ahaltsuarekin
- Bildumetarako edukien kudeaketa-sistemak

  (*Content Management Systems*)
  - Asko libreak (kode irekia)
  - Ezagunenak:

    www.paradigm.ac.uk/workbook/repository/comparing-findings.html

    http://www.dlib.org/dlib/may09/marill/05marill.html
    - *DSpace (+Fedora, DuraSpace)*
    - *Eprints* (zerbitzuak ere)
    - *Digital Commons* (itxia) *www.bepress.com/ir/customers.html*

DL teknologiak (2)

- Irizpideak
  - formatuak (inportazio/esportazioa)
  - estandarrak, kode irekia...
  - elkarreragingarritasuna (OAI-MPH, OAI-ORE)
  - bilaketarako aukera zabalak
  - egonkortasuna, etorkizuna...
  - eskalagarritasuna, eraginkortasuna...
  - kasu arrakastatsuak
  - komunitatean lan egiteko aukera
  - erabilerraztasuna, usagarritasuna, nabigagarritasuna
- Konparaketa bat: https://www.oaforum.org/resources/tvtoolscomp.php

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

Fitxategia Editatu Ikusi Historia Laster-markak Tresnak Hiztegiak Laguntza
Aukerak EN ▸ EU Euskalterm Elhuyar Morris Open-tran Hiztegi Batua Harluxet Wikipedia Mokoroa Intza Ereduzko prosa Klasikoak ZT Corpusa CorpEus

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.

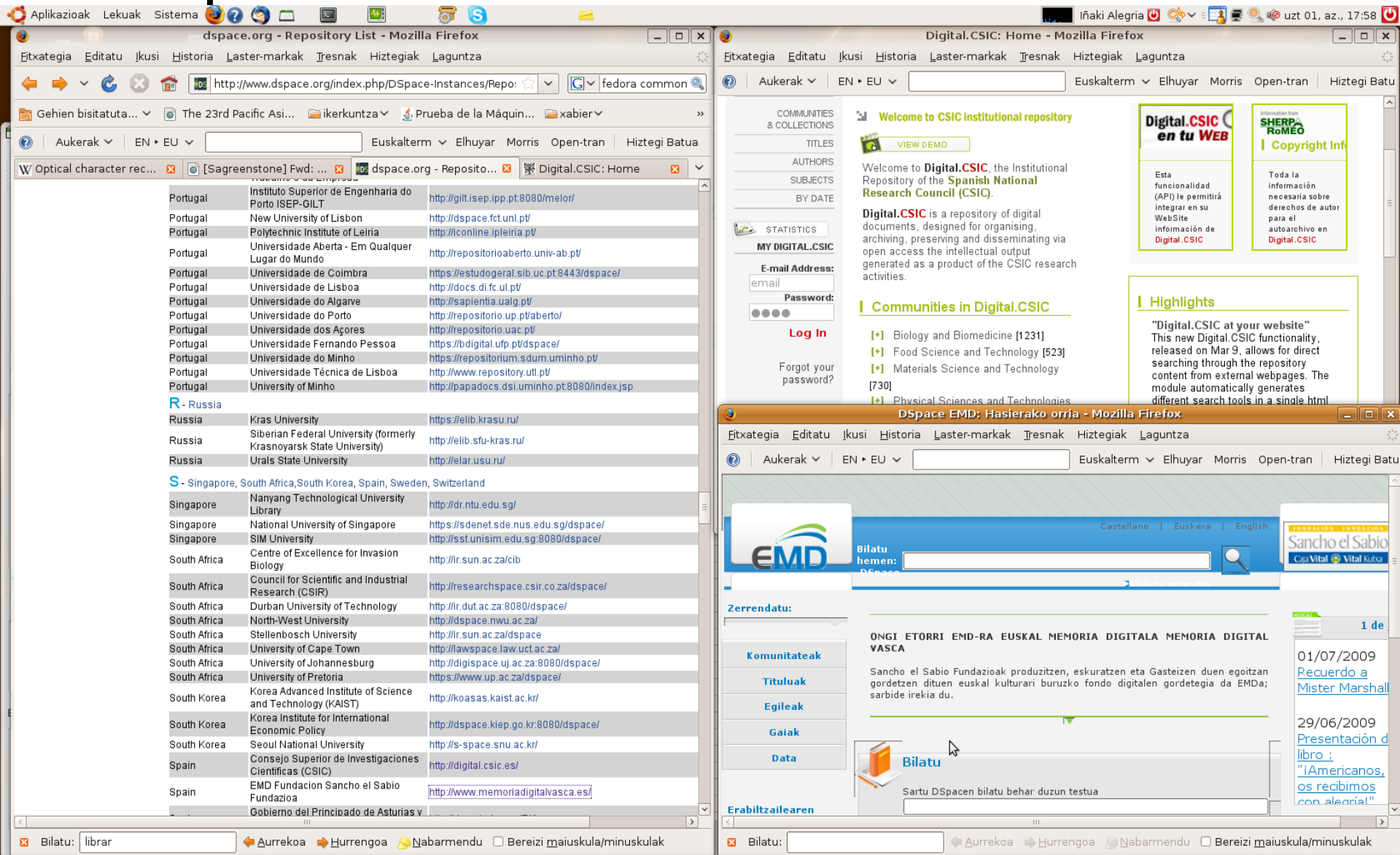
The Master Evaluation Criteria included:

- **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

DSpace (www.dspace.org)

- Bildumak argitaratzeko software librea
- *MIT Libraries* eta *Hewlett-Packard Labs*
- BSD lizentzia
- Java, Java API, Apache, Tomcat
- Estandarrak: DublinC, OAI-ORE, RDF, MARC...
  - OAI-PMH eta Sword
- Datu-eredua: Datu-basea (PostgreSQL)
  - Komunitatea (adib. saila)
  - Bildumak / Azpibildumak: komunitateen artean ere
  - Elementuak: bilduma anitzetan ere
  - Paketeak (*bundles*): dokumentu digital bat edo gehiago
- Fedorarekin batera DuraSpace
  - Fedora bilduma osatzeko softwarea
  - Zerbitzua hodeian
- *Hosting*: http://dspacedirect.org/
- Adibide bat: ADDI (EHU) bukaerako lanen entregarako (paperik gabe)

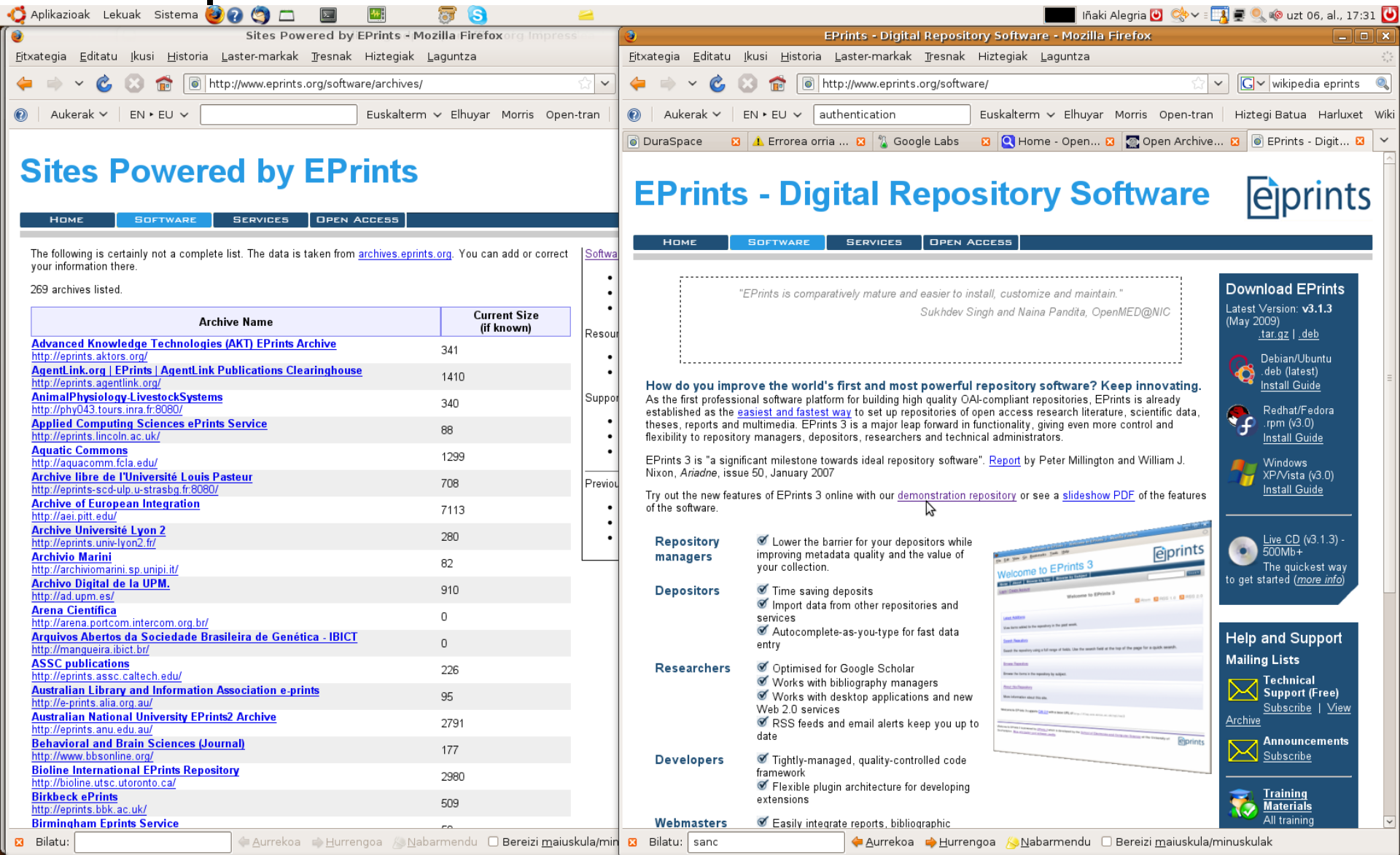
DSpace (www.dspace.org)



Eprints (www.eprints.org)

- Softwarea eta *hosting*
  - artikulu zientifiko irekietan espezializatua
- GPL lizentzia
- OAI-PMH eta SWORD da bere oinarria
- LAMP teknologia (*Perl*)
- MySQL datu-basea
- *DublinCore* and METS
  - Ez DublinC kualifikatua, ez MARC (2013)

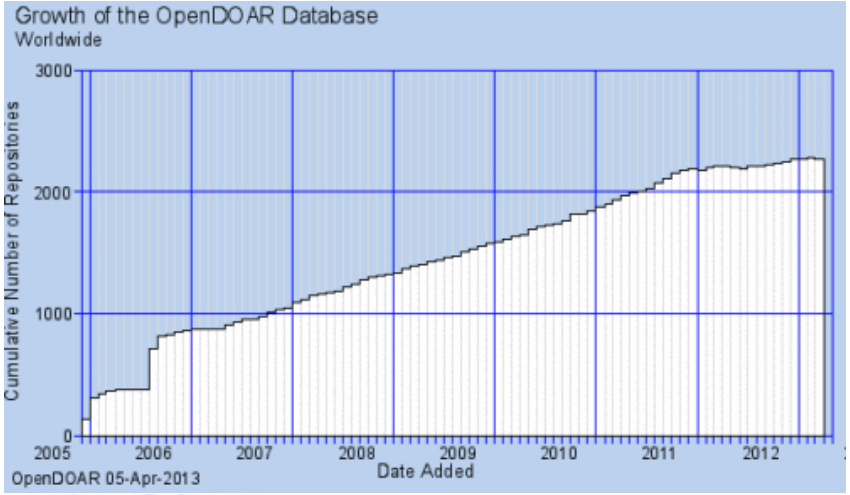
Eprints (www.eprints.org)

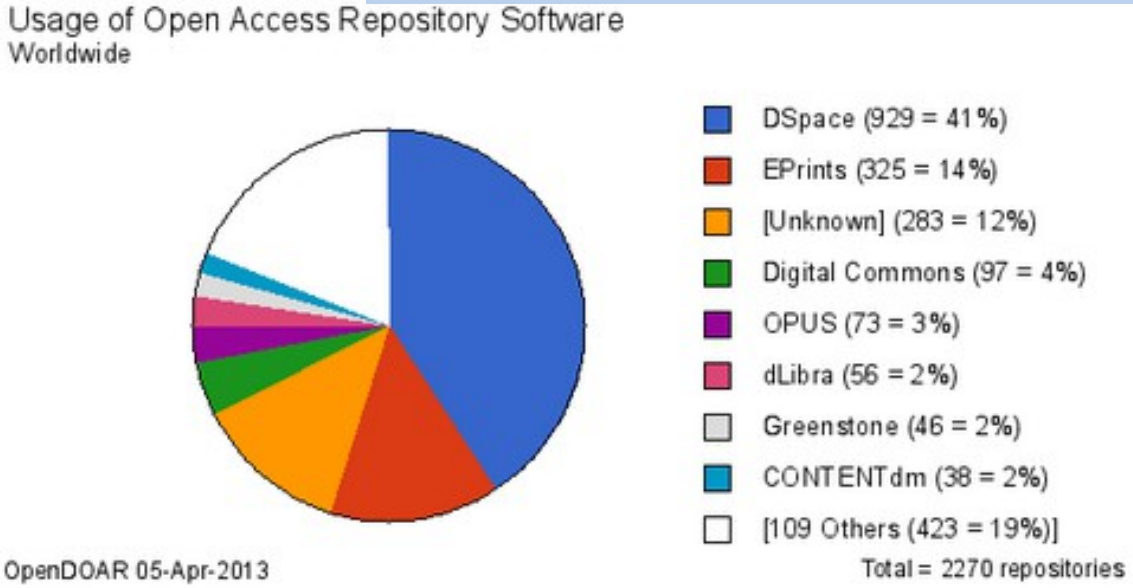


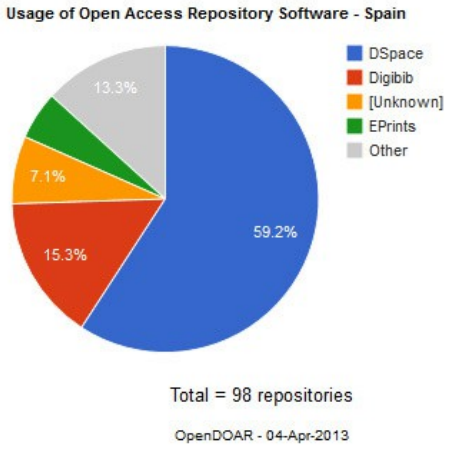
Dspace vs. Eprints

https://archivoempresa.wordpress.com/tag/dspace/

https://open.library.ubc.ca/cIRcle/collections/42591/items/1.0075768







Koha: liburutegien kudeaketa

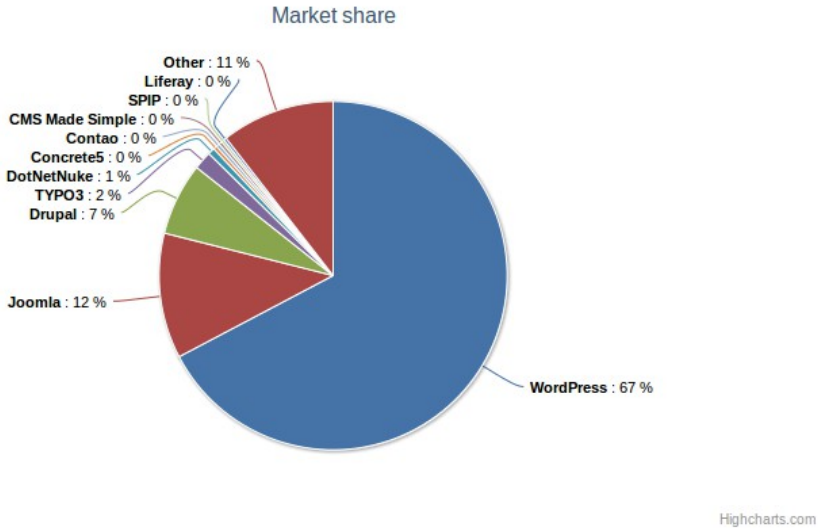
- 2011 Espainiako ministeriotik bultzatua: Kobli
- Ez da gehiegi internazionalizatu
- OAI-PMH, moldagarria
- Funtzio “berriak”:
  - erabiltzaileen irakurketa-zerrendak
  - erosketetarako kudeaketa
  - sinplea + konplexua
  - egunkari eta aldizkarien kudeaketa
- Komunitateak:
  - http://wiki.koha-community.org http://kobli.bage.es/

Bildumak

- Zerbitzua baina ez softwarea:
  - http://www.openrepository.com
- Ranking-a
  - http://repositories.webometrics.info/en/Ranking_Europe/European_Union
- Sare akademikoa: OpenDOAR

CMSak: Eduki-kudeatzaileak

- *Wordpress* nagusi gauza sinpleetarako
- *Drupal*-ek izen ona du gauza konplexuetarako
- Beste asko: *Joomla*, *Django* (*Python*), *Plone*...
- Dokumentazioaren kudeaketa: *Alfresco?*



#	APPLICATION	WEBSITES USING THIS	PAGEVIEWS
1	WordPress	3,581,849	209,445,476
2	Joomla	619,260	20,576,267
3	Drupal	359,003	42,622,231

OJS
(aldizkarien edizioa eta argitalpena)

- *Open Journal System*
  - http://journal.code4lib.org/articles/10989
- Aldizkari zientifiko-teknikoetarako
  - Ohiko urrats guztiak barneratuta
  - Estandarra *de facto* unibertsitateetan
  - eu-ra lokalizatuta

Roles in Open Journal Systems

Roles	
Journal Manager	OJS uses roles to organize activities and spaces within the the journal's management and publishing website. For example, Section Editors are only to view those submissions assigned to them by the Editor to oversee. The users of the software can have more than one role (Journal Manager and Editor), while users can have the same roles (e.g., a team of 6 Editors).
Editor	
Section Editor	
Subscription Manager	
Additional Roles	

Moodle

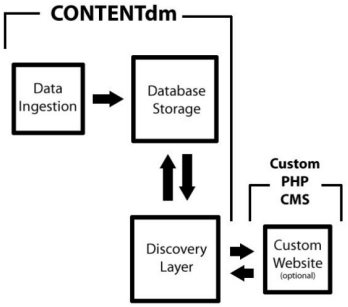
- E-learning erako CMSa
- Estandarra *de facto*

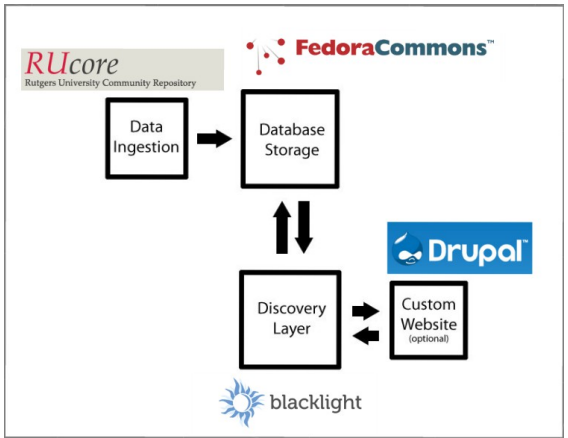
2.0 ikuspuntua

- 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
- Adibide sinple bat: http://journal.code4lib.org/articles/11299

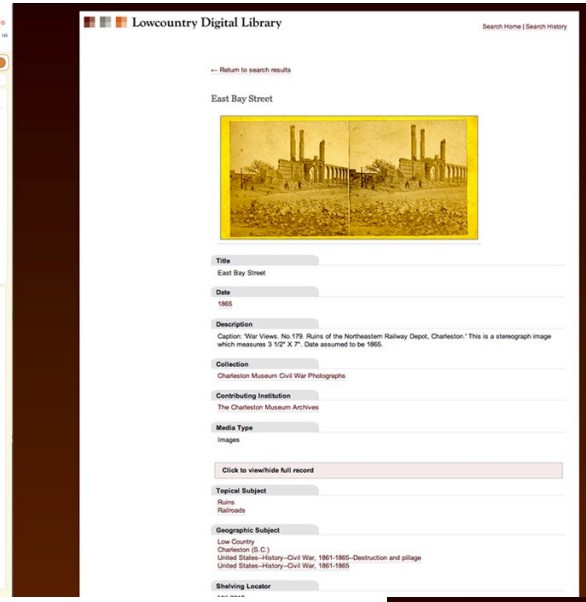
Azterketa-kasu bat

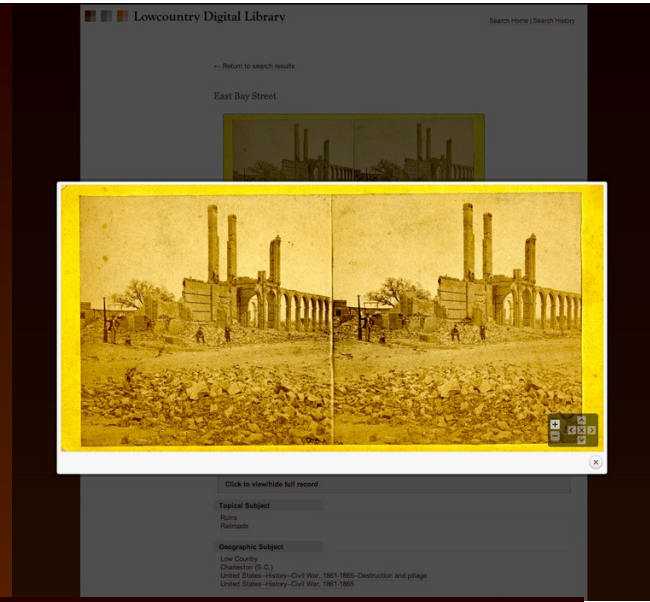
- *Breaking Up With CONTENTdm: Why and How One Institution Took the Leap to Open Source*
  - http://journal.code4lib.org/articles/8327
  - DAMS (Digital Asset Management System): handia, erakunde asko
  - 4 aukera aztertuta: CONTENTdm, **DSpace**, **Omeka**, bertakoa
    - Eskalagarritasuna, karga-denbora, zehaztasuna, bisualizazioa
  - Irtenbidea: *Fedora RUCore(ingestion)+ FedoraCommons+Blacklight+Drupal*
    - *RUCore* bezeroa (MARC): bildumen karga
    - *Blacklight*: bilaketa Solr(Lucene)
  - **Ikasitakoa: kostua ez da gakoa izan behar**

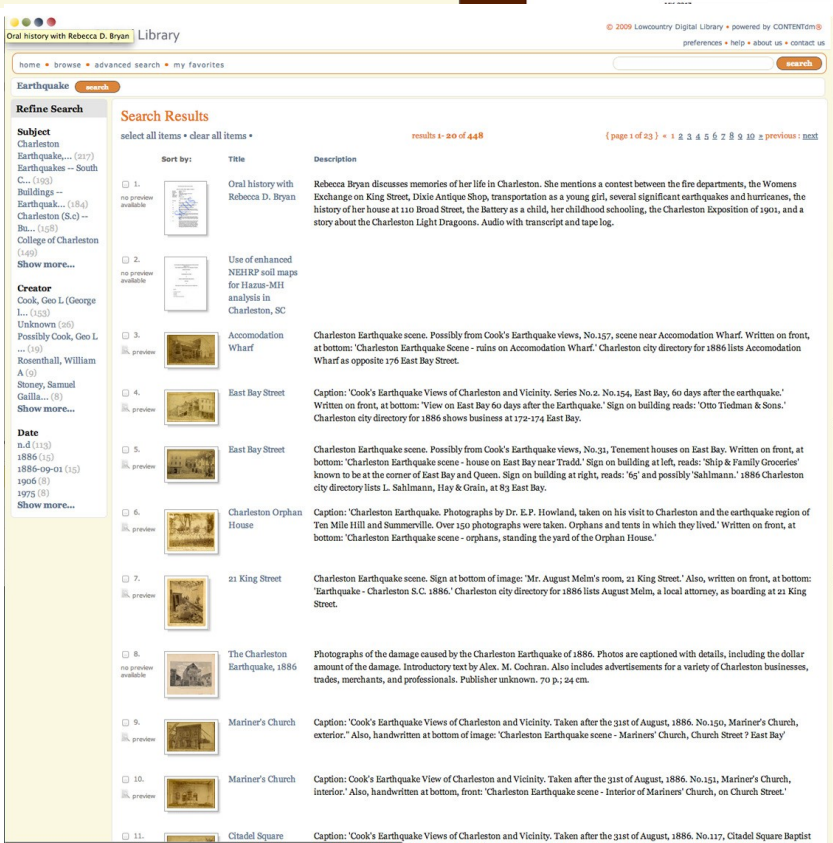


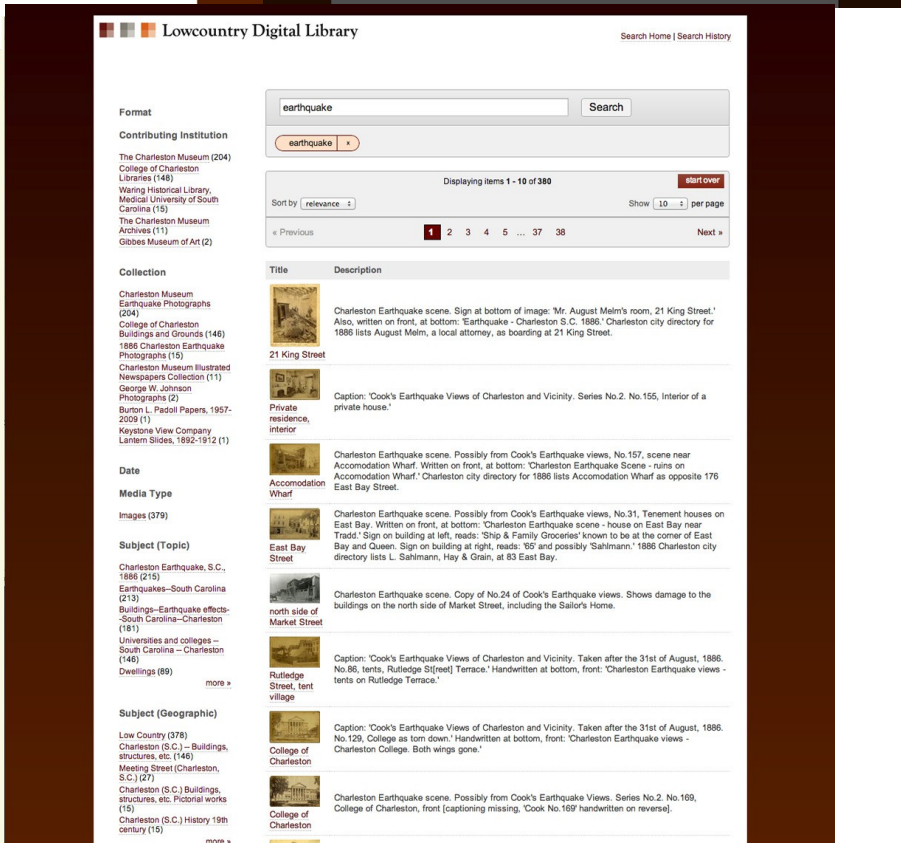


Charleston Museum
charlestonmuseum.org
East Bay Street
Item Information
Title East Bay Street
Date 1865
Subject Charleston (S.C.)
United States--History--Civil War, 1861-1865--Destruction and pillage
Ruins
Railroads
United States--History--Civil War, 1861-1865
Description Caption: 'War Views. No.179. Ruins of the Northeastern Railway Depot, Charleston.' This is a stereograph image which measures 3 1/2" X 7". Date assumed to be 1865.
Digital Collection Charleston Museum Civil War Photographs
Website http://www.charlestonmuseum.org
Full Screen View
User Comments
Showing 0 comments
Add New Comment
Type your comment here.


Lowcountry Digital Library
East Bay Street
Title
East Bay Street
Date
1865
Description
Caption: 'War Views. No.179. Ruins of the Northeastern Railway Depot, Charleston.' This is a stereograph image which measures 3 1/2" X 7". Date assumed to be 1865.
Collection
Charleston Museum Civil War Photographs
Contributing Institution
The Charleston Museum Archives
Media Type
Images
Topical Subject
Ruins
Railroads
Geographic Subject
Low Country
Charleston (S.C.)
United States--History--Civil War, 1861-1865--Destruction and pillage
United States--History--Civil War, 1861-1865


Lowcountry Digital Library
East Bay Street


Oral history with Rebecca D. Bryan
Library
earthquake
Search Results
Refine Search
Subject
Creator
Date
Sort by:
Title
Description
Oral history with Rebecca D. Bryan
Rebecca Bryan discusses memories of her life in Charleston. She mentions a contest between the fire departments, the Womens Exchange on King Street, Dixie Antique Shop, transportation as a young girl, several significant earthquakes and hurricanes, the history of her house at 110 Broad Street, the Battery as a child, her childhood schooling, the Charleston Exposition of 1901, and a story about the Charleston Light Dragoons. Audio with transcript and tape log.
Use of enhanced NEHRP soil maps for Hazus-MH analysis in Charleston, SC
Accomodation Wharf
Charleston Earthquake scene. Possibly from Cook's Earthquake views, No.157, scene near Accomodation Wharf. Written on front, at bottom: 'Charleston Earthquake Scene - ruins on Accomodation Wharf.' Charleston city directory for 1886 lists Accomodation Wharf as opposite 176 East Bay Street.
East Bay Street
Caption: 'Cook's Earthquake Views of Charleston and Vicinity. Series No.2. No.154, East Bay, 60 days after the earthquake.' Written on front, at bottom: 'View on East Bay 60 days after the Earthquake.' Sign on building reads: 'Otto Tiedman & Sons.' Charleston city directory for 1886 shows business at 172-174 East Bay.
East Bay Street
Charleston Earthquake scene. Possibly from Cook's Earthquake views, No.31, Tenement houses on East Bay. Written on front, at bottom: 'Charleston Earthquake scene - house on East Bay near Tradd.' Sign on building at left, reads: 'Ship & Family Groceries' known to be at the corner of East Bay and Queen. Sign on building at right, reads: '65' and possibly 'Sahlmann.' 1886 Charleston city directory lists L. Sahlmann, Hay & Grain, at 83 East Bay.
Charleston Orphan House
Caption: 'Charleston Earthquake. Photographs by Dr. E.P. Howland, taken on his visit to Charleston and the earthquake region of Ten Mile Hill and Summerville. Over 150 photographs were taken. Orphans and tents in which they lived.' Written on front, at bottom: 'Charleston Earthquake scene - orphans, standing the yard of the Orphan House.'
21 King Street
Charleston Earthquake scene. Sign at bottom of image: 'Mr. August Melm's room, 21 King Street.' Also, written on front, at bottom: 'Earthquake - Charleston S.C. 1886.' Charleston city directory for 1886 lists August Melm, a local attorney, as boarding at 21 King Street.
The Charleston Earthquake, 1886
Photographs of the damage caused by the Charleston Earthquake of 1886. Photos are captioned with details, including the dollar amount of the damage. Introductory text by Alex. M. Cochran. Also includes advertisements for a variety of Charleston businesses, trades, merchants, and professionals. Publisher unknown. 70 p.; 24 cm.
Mariner's Church
Caption: 'Cook's Earthquake Views of Charleston and Vicinity. Taken after the 31st of August, 1886. No.150, Mariner's Church, exterior." Also, handwritten at bottom of image: 'Charleston Earthquake scene - Mariners' Church, Church Street ? East Bay'
Mariner's Church
Caption: Cook's Earthquake View of Charleston and Vicinity. Taken after the 31st of August, 1886. No.151, Mariner's Church, interior.' Also, handwritten at bottom, front: 'Charleston Earthquake scene - Interior of Mariners' Church, on Church Street.'
Citadel Square
Caption: 'Cook's Earthquake Views of Charleston and Vicinity. Taken after the 31st of August, 1886. No.117, Citadel Square Baptist


Lowcountry Digital Library
Search Home | Search History
Format
Contributing Institution
The Charleston Museum (204)
College of Charleston Libraries (148)
Waring Historical Library, Medical University of South Carolina (15)
The Charleston Museum Archives (11)
Gibbes Museum of Art (2)
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Charleston Museum Earthquake Photographs (204)
College of Charleston Buildings and Grounds (146)
1886 Charleston Earthquake Photographs (15)
Charleston Museum Illustrated Newspapers Collection (11)
George W. Johnson Photographs (2)
Burton L. Padoll Papers, 1957-2009 (1)
Keystone View Company Lantern Slides, 1892-1912 (1)
Date
Media Type
Images (379)
Subject (Topic)
Charleston Earthquake, S.C., 1886 (215)
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Buildings--Earthquake effects--South Carolina--Charleston (181)
Universities and colleges -- South Carolina -- Charleston (146)
Dwellings (89)
more »
Subject (Geographic)
Low Country (378)
Charleston (S.C.) -- Buildings, structures, etc. (146)
Meeting Street (Charleston, S.C.) (27)
Charleston (S.C.) Buildings, structures, etc. Pictorial works (15)
Charleston (S.C.) History 19th century (15)
more »
earthquake
Search
earthquake
Displaying items 1 - 10 of 380
start over
Sort by relevance
Show 10 per page
« Previous
1 2 3 4 5 … 37 38
Next »
Title
Description
21 King Street
Charleston Earthquake scene. Sign at bottom of image: 'Mr. August Melm's room, 21 King Street.' Also, written on front, at bottom: 'Earthquake - Charleston S.C. 1886.' Charleston city directory for 1886 lists August Melm, a local attorney, as boarding at 21 King Street.
Private residence, interior
Caption: 'Cook's Earthquake Views of Charleston and Vicinity. Series No.2. No.155, Interior of a private house.'
Accomodation Wharf
Charleston Earthquake scene. Possibly from Cook's Earthquake views, No.157, scene near Accomodation Wharf. Written on front, at bottom: 'Charleston Earthquake Scene - ruins on Accomodation Wharf.' Charleston city directory for 1886 lists Accomodation Wharf as opposite 176 East Bay Street.
East Bay Street
Charleston Earthquake scene. Possibly from Cook's Earthquake views, No.31, Tenement houses on East Bay. Written on front, at bottom: 'Charleston Earthquake scene - house on East Bay near Tradd.' Sign on building at left, reads: 'Ship & Family Groceries' known to be at the corner of East Bay and Queen. Sign on building at right, reads: '65' and possibly 'Sahlmann.' 1886 Charleston city directory lists L. Sahlmann, Hay & Grain, at 83 East Bay.
north side of Market Street
Charleston Earthquake scene. Copy of No.24 of Cook's Earthquake views. Shows damage to the buildings on the north side of Market Street, including the Sailor's Home.
Rutledge Street, tent village
Caption: 'Cook's Earthquake Views of Charleston and Vicinity. Taken after the 31st of August, 1886. No.86, tents, Rutledge St[reet] Terrace.' Handwritten at bottom, front: 'Charleston Earthquake views - tents on Rutledge Terrace.'
College of Charleston
Caption: 'Cook's Earthquake Views of Charleston and Vicinity. Taken after the 31st of August, 1886. No.129, College as torn down.' Handwritten at bottom, front: 'Charleston Earthquake views - Charleston College. Both wings gone.'
College of Charleston
Charleston Earthquake scene. Possibly from Cook's Earthquake Views. Series No.2. No.169, College of Charleston, front [captioning missing, 'Cook No.169' handwritten on reverse].

Eta gehiago

- http://journal.code4lib.org/articles/11148
- ***Beyond Open Source: Evaluating the Community Availability of Software***
  - ***Suma*** *(Suma … [updated 2015]) is an open-source mobile web-based assessment toolkit developed by NCSU Libraries for collecting and analyzing observational data about the usage of physical spaces and services.*

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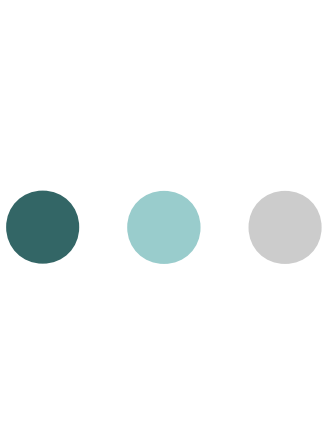
  - *Library technology should be able to thrive in diverse organizational and technological environments. Within the library community, technical settings vary wildly. For example, the 2011-2012 ALA Public Library Funding & Technology Access Study showed that 88 percent of public libraries depend on "non-IT specialists" for their IT support services, with 59.5% of rural public libraries depending on their library director for IT support (American Library Association, 2012)*



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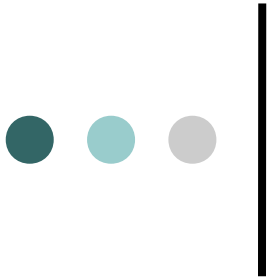
Iñaki Alegria, Kepa Sarasola (IXA taldea)
i.alegria@ehu.eus