

Digitalni repozitoriji i stvaranje informacijske infrastrukture

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Upotreba digitalnih repozitorija

- Otvoreni pristup znanstvenim radovima
- Pohrana i pristup obrazovnim sadržajima
- Pohrana i pristup raznovrsnoj građi (slikovnoj, glazbenoj, filmskoj, radovima s konferencija, tehničkim izvještajima itd.)
- Pohrana i pristup podacima znanstvenih istraživanja
- Dugoročno očuvanje svih pohranjenih sadržaja u digitalnom obliku



MoMA selects Artefactual to develop its digital repository application

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After reviewing various competing proposals, the **Museum of Modern Art** (MoMA NYC) has selected Artefactual to develop its Digital Repository Museum Collections – Management Application (DRMC-MA). The system will be developed using Archivemata 1.0 and AtoM 2.0 and will make a number of major new features available in the 2014 releases of both applications. Design work has begun in August 2013.

MoMA has one of the preeminent collections of digital art in the world. This collaboration will ensure that these invaluable holdings will remain accessible and usable well into future. It will also further enhance the integration between AtoM and Archivemata for new and existing users, in particular those that are also preserving complex digital art collections.

Garrett Haas, bass trombone

Feedback Metadata Citeable URL

Created Date	2012-03-01
Contributor	Haas, Garrett (Featured Performer) / Fenton, Marlis (Performer) / Batschi, Seth (Performer) / Miller, Ryan (Performer) / Lillard, Richard (Performer) / Rodriguez, Juan (Performer) / Rodriguez, Malachy (Performer) / Austin, Alex (Performer) / Earll, David (Performer) / ASU Libraries. Music Library (Publisher)
Subject	Bass trombone and piano
Series	Graduate Recital Series 2012
Type	Performance
Identifier	Call Number: 2012/3-1
Rights	All rights reserved

Files (18)

Program
238.7 KB application/pdf

Type Text

Concertino in F major

10.0 MB audio/mpeg

Play



Description Ernst Sachse, ed. Martin Goss

MANCHESTER 1824 The University of Manchester

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Rylands Papyri Collection

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Collection Selection

- All Collections (64.100)
- The University of Manchester Collections
 - Map Collection
 - Rylands Collection
 - Rylands Genizah
 - Rylands Medieval Collection
 - Rylands Non-conformist Collection
 - Rylands Papyri**
 - The John Rylands Library

Featured Media



Category Pages Browse All

The John Rylands University Library, The University of Manchester, holds one of the richest and most wide-ranging papyrus collections in Britain. It includes religious, devotional, literary and administrative texts. There are 7 Hieroglyphic and 19 Hieratic papyri; all are funerary documents dating between the 14th century BC and the 2nd century AD. There are a further 166 Demotic fragments, mainly from the Ptolemaic period, and approximately 500 Coptic papyri. The 800 Arabic papyri consist of private letters, tradesmen's and household accounts. The Greek papyri, numbering approximately 2,000 items, include the famous fragments of St John's Gospel and Deuteronomy, the earliest surviving pieces of the New Testament and the Greek Old Testament respectively. Several of the collections contain fragments on paper and parchment, as well as papyrus. The Rylands Genizah collection, which contains 11,000 fragments, mostly in Hebrew and Judaeo-Arabic, is a separate collection within Insight

Please visit [The University of Manchester Library website](http://www.library.manchester.ac.uk/) for more information.



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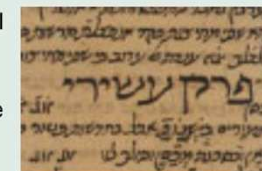
Digitized Book Repository

Over 400 scanned books are accessible through The Digitized Book Repository of the National Library of Israel. Every week more scanned books are added.

The initial selection of titles ranges from 15th century incunabula to early 20th century works. The first stage of this project is to digitize rare and out-of-print monographs from its collection.

The aim of this project is to make these works freely available not only to on site users but also to the public worldwide. This will both preserve the originals and greatly increase the number of people who will be able to refer to them.

To view the collection in a new window [click here](#).



<http://web.nli.org.il/sites/NLI/English/digitallibrary/books/Pages/default.aspx>

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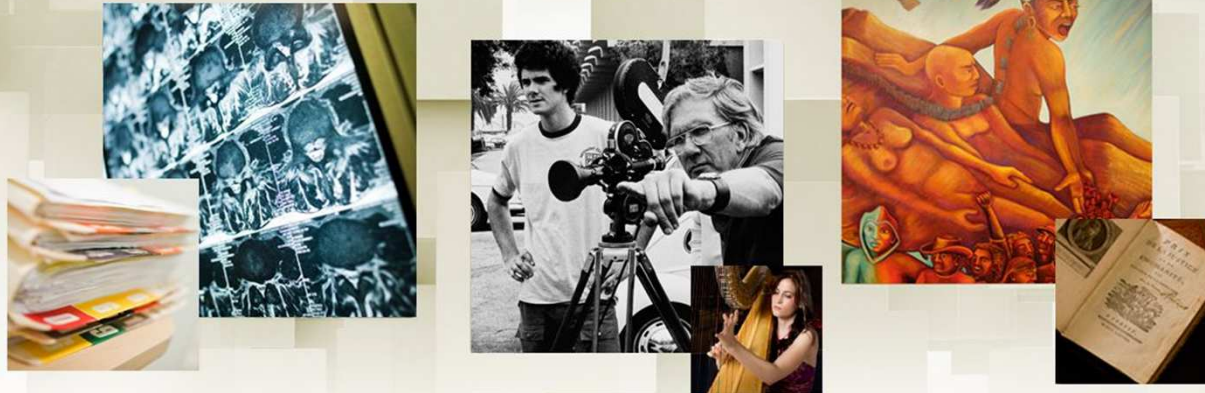
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Prednosti korištenja digitalnih repozitorija

- Digitalni repozitoriji nude niz prednosti (za razne vrste korisnika) (SPARC ARL):
 - Veća vidljivost radova autora koji svoje radove pohranjuju u repozitorijima
 - Gotovo neograničeni pristup sadržajima
 - Lakše pronalaženje sadržaja
 - Trajni pristup
 - Očuvanje sadržaja
 - Bogat izbor sadržaja



Problemi povezani s razvojem i radom digitalnih repozitorija

- **Problemi povezani s razvojem i radom digitalnih repozitorija:**
 - Nedostatnost modela dugoročnog financiranja
 - Problemi stvaranja sadržaja (punjenja repozitorija): prikupljanje sadržaja u digitalnom obliku i digitalizacija sadržaja u nekom drugom obliku
 - Upitna dugoročna podrška ustanove u kojoj se nalazi digitalni repozitorij
 - Upravljanje autorskim pravima



Problemi povezani s razvojem i radom digitalnih repozitorija

- Neispunjavanje očekivanja o olakšavanju pristupa sadržajima (časopisima) u digitalnom formatu
- Nedostatak kvalitetnih sadržaja, pa preuzimaju i pohranjuju i one sadržaje koje inače ne bi preuzimali i pohranjivali
- Zbrka ili nedostatak usklađenosti glavnih sudionika, uloga i dužnosti povezanih s digitalnim repozitorijom
- Strah da su problemi pristupa i očuvanja preveliki da bi se njima netko bavio



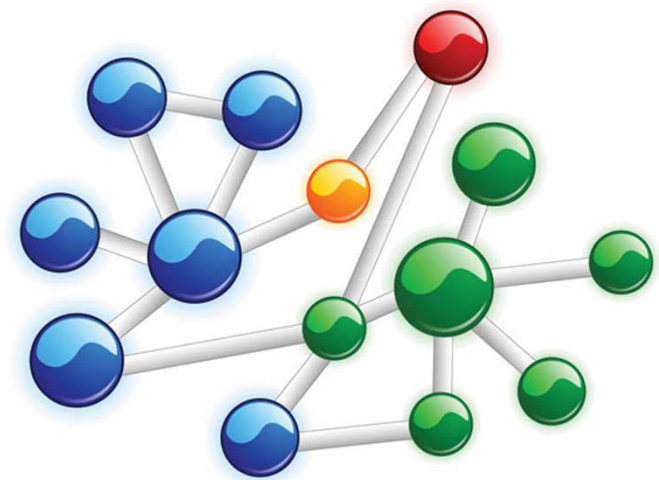
Suradnja

- Učinkovit digitalni repozitorij predstavlja suradnju:
 - Bibliotekara,
 - Stručnjaka koji se bave informacijskom tehnologijom,
 - Stručnjaka za upravljanje arhivima i spisima,
 - Znanstvenika, te
 - Administrativnog osoblja sveučilišta i kreatora informacijskih politika



Infrastruktura

- Za ostvarenje suradnje među znanstvenicima koji sudjeluju u istraživanjima koje provode i čije rezultate međusobno razmjenjuju, potrebno je izgraditi odgovarajuću infrastrukturu
- Zahvaljujući postojanju takvih infrastruktura danas su moguća složena znanstvena istraživanja poput npr.
 - distribuirane računalno potpomognute astronomije,
 - rada složenih sustava poput društvenih mreža,
 - proučavanja klimatskih promjena i bolesti,
 - pronalaženja rješenja za zagađivanje okoliša itd.



Infrastruktura

- Računalne mreže,
- Mehanizmi provjere autentičnosti
- Mehanizmi za autorizaciju,
- Posrednički sloj (eng. middleware),
- Računalni potencijali (računala visokih performansi) i
- Sve ostalo što omogućava zajednički suradnički rad, uključujući grid tehnologije



Infrastruktura

- Uključeni su i informacijski izvori i pridružena pomagala poput rječnika, ontologija, sustava za upravljanje pravima i sustava za zaštitu privatnosti i skrbi o podacima



Infrastruktura

- 3 dijela:
 - Prvi dio čini **posrednički softver** (eng. middleware), često dostupan u obliku računalnih "grid" struktura koji omogućuje znanstvenicima oblikovanje "virtualnih organizacija" i povezuje istraživačke lokacije koje sudjeluju u razmjeni različitih informacijskih izvora kojima je moguće pristupiti uz pomoć provjere autentičnosti
 - Drugi dio infrastrukture čine **istraživačke mreže** koje čine istraživački dio interneta
 - Treći dio infrastrukture čini **pristup rezultatima istraživanja** – publikacijama i podacima istraživanja



Infrastruktura

- Pojedine znanstvene discipline već dugo upotrebljavaju postojeću infrastrukturu koja im se nalazi na raspolaganju u svakodnevnom radu
- Tu je različitu infrastrukturu potrebno učiniti interoperabilnom
 - Zajednička upotreba na znanstvenim projektima
- Nedostatak interoperabilnosti predstavlja sve veći problem zbog povećanja zanimanja za koordiniranu upotrebu više od jedne infrastrukture iz jednog mjesta koje kontrolira interoperabilne komponente u različitim infrastrukturama e-znanosti



Infrastruktura

- U Hrvatskoj već postoji infrastruktura za podršku raznovrsnim znanstvenim istraživanjima
- Hrvatska nacionalna grid infrastruktura (CRO NGI): raspodijeljena računalna okolina, sastavljena od procesorskih i podatkovnih resursa, smještenih u čvorištima unutar Republike Hrvatske
- Korisnicima je trenutno na raspolaganju ukupno 1184 procesorskih jezgri te 55 TB podatkovnog prostora (izvor: <http://www.cro-ngi.hr/karakteristike/arhitektura/>)
- CRO NGI je zajednički resurs znanstvene i akademske zajednice i predstavlja temeljnu infrastrukturu za znanstvena istraživanja



Zaključak

- Infrastruktura omogućava uvid u do sada zabilježeno ljudsko znanje, što je od velike važnosti za pripremu novih znanstvenih istraživanja
- Dio infrastrukture postoji
- Potrebna ulaganja u infrastrukturu uz istraživanja korisnika koji će tu infrastrukturu koristiti(!)

Slike

- http://puppetlabs.com/wp-content/uploads/2012/12/collaborate_automate.jpg
- <http://50.17.193.184/omeka/files/original/7c0307fa90eb1fe90edf918b4744d738.png>
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