Exposing Digital Content Online with DSpace

Bram Luyten
Agenda

1 - DSpace examples & features
2 - Architecture
3 - @MIRE services & add-on Modules
4 - Questions
Enables institutions to
DISTRIBUTE
Publications and other Digital Content
ONLINE

and

Enhancing efficiency of in-house reporting on Publishing activities.
Examples

Communities and Collections

Shown below is a list of communities and the collections and sub-communities within them. Click on a name to view that community or collection home page.

- **Agriculture and Food Security (AFS) / Agriculture et sécurité alimentaire (ASA)**
  - Eastern and Southern Africa / Afrique orientale et australe [6]
  - Global / Échelle mondiale [3]
  - Latin America and the Caribbean / Amérique latine et Caraïbes [75]
  - Middle East and North Africa / Moyen-Orient et Afrique du Nord [0]
  - Research Results (AFS) / Résultats de recherches (ASA) [89]
  - South Asia and China / Asie du Sud et Chine [1]
  - Southeast and East Asia / Asie du Sud-Est et de l’Est [0]
  - West and Central Africa / Afrique de l’Ouest et du Centre [0]
  - **Canadian International Food Security Research Fund / Fonds canadien de recherche sur la sécurité alimentaire internationale**
    - Research Results (CIFSRF) / Résultats de recherches (FCRSAI) [0]

- **Audio-visual/Audio-visuel**
  - Photographs / Photographies [243]
  - Videos / Vidéos [385]

- **Canadian Partnerships (CP) / Partenariats canadiens (PC)**
  - Research Results (CP) / Résultats de recherches (PC) [144]
Examples

DSpace@Cambridge is the institutional repository of the University of Cambridge. The repository was established in 2003 to facilitate the deposit of digital content of a scholarly or heritage nature, allowing academics and their departments at the University to share and preserve this content in a managed environment.

For more information on DSpace@Cambridge's services please visit the support web site.

Search
- DSpace
- Advanced Search

Deposit
- Login / My DSpace
- Deposit guide
- New user registration

Browse...
- Communities & Collections
- Author
- Title
- Type

Help & Information
- Help
- About DSpace@Cambridge
- DSpace user information
- Open access

Recent Submissions
- An Interview About Poverty
- Intellectual Property Rights and Research Data: Focus on copyright
- The Timescapes Archive: A case study for managing, sharing, and preserving sensitive personal data
- An Interview About Experiencing Poverty
- A Circle Dancing Song at the New Year Celebrations

News
- We participated in a successful workshop on Managing your Digital Research Data on 10th February.
- New project initiative EPIC will investigate ways of improving the preservation services currently provided with DSpace@Cambridge.
- Subscribe to DSpace@Cambridge newsletter
Examples

West Texas Digital Archives

Welcome to the digital repository project of the Abilene Library Consortium. Read more...

Title: Ice Building
From collection: Abilene Photograph Collection

West Texas Digital Archives
DSpace Benefits

- **Metadata Structure is manageable**
  - More structure than a website
  - Less complicated than a library catalogue

- **Full system out-of-the-box**
  - No heavy customization required
  - Quick installation

- **Platform independent**
  - Server runs on both Linux & Windows
  - End users can use a modern web browser

- **Interface available in many languages**
Arthur Benjamin does "Mathemagic"
Benjamin, Arthur

URI: http://www.ted.com/talks/arthur_benjamin_does_mathemagic.html
Date: 2007-12

Abstract:
In a lively show, mathematician Arthur Benjamin races a team of calculators to figure out 3-digit squares, solves another massive mental equation and guesses a few birthdays. How does he do it? He'll tell you.

Description:
Arthur Benjamin makes numbers dance. In his day job, he's a professor of math at Harvey Mudd College; in his other day job, he's a "Mathemagician," taking the stage in his tuxedo to perform high-speed mental calculations, memorizations and other astounding math stunts. It's part of his drive to teach math and mental agility in interesting ways, following in the footsteps of such heroes as Martin Gardner. Benjamin is the co-author, with Michael Shermer, of Secrets of Mental Math (which shares his secrets for rapid mental calculation), as well as the co-author of the MAA award-winning Proofs That Really Count: The Art of Combinatorial Proof. For a glimpse of his broad approach to math, see the list of research talks on his website, which seesaws between high-level math (such as his "Vandermonde's Determinant and Fibonacci SAWs," presented at MIT in 2004) and engaging math talks for the rest of us ("An Amazing Mathematical Card Trick"). "After his lively shows, students often rush the stage, eager for more tips and tricks." Reader's Digest

Show full item record

Files in this item

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<td>Arthur Benjamin makes numbers dance. In his day job, he's a professor of math at Harvey Mudd College; in his other day job, he's a &quot;Mathemagician,&quot; taking the stage in his tuxedo to perform high-speed mental calculations, memorizations and other astounding math stunts. It's part of his drive to teach math and mental agility in interesting ways, following in the footsteps of such heroes as Martin Gardner. Benjamin is the co-author, with Michael Shermer, of Secrets of Mental Math (which shares his secrets for rapid mental calculation), as well as the co-author of the MAA award-winning Proofs That Really Count: The Art of Combinatorial Proof. For a glimpse of his broad approach to math, see the list of research talks on his website, which seesaws between high-level math (such as his &quot;Vandermonde's Determinant and Fibonacci SAWs,&quot; presented at MIT in 2004) and engaging math talks for the rest of us (&quot;An Amazing Mathematical Card Trick&quot;). &quot;After his lively shows, students often rush the stage, eager for more tips and tricks.&quot; Reader's Digest</td>
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<td>In a lively show, mathemagician Arthur Benjamin races a team of calculators to figure out 3-digit squares, solves another massive mental equation and guesses a few birthdays. How does he do it? He'll tell you.</td>
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# Defining Metadata Schemas

**Field Name:**

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**Scope Note:**

Additional notes about this metadata field.

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**Add new metadata field**

### Schema metadata fields

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Architecture

Apache Tomcat AND Apache HTTP Server
Architecture

PostgreSQL OR ORACLE DATABASE 11g

or

Windows ORACLE SOLARIS

or

amazon web services™
Leveraging the usage of the Open Source Institutional Repository platform DSpace.

By providing installation, customization, maintenance and training services.
@mire add-on modules

Specific commercial **add-on modules** greatly enhance the functionality of the DSpace platform.

**Metadata Quality**  **Content & Usage Analysis**  **Listings & Reports**

Administrator Modules
Specific commercial **add-on modules** greatly enhance the functionality of the DSpace platform.

Enhanced Access Modules

- Document Streaming
- Image Zoom
- Audiovisual Streaming
References

Welcome to the United Nations Economic Commission for Africa (UNECA) institutional repository!

In its 50 years of existence, UNECA has created and holds a vast quantity of information and knowledge in a variety of formats, including printed and electronic. These represent the corporate memory, providing historical evidence of its actions and decisions. The information resources include published materials such as flagship publications, journal articles, conference proceedings, technical reports, mission reports, annual reports, working papers, speeches and other grey literature, all of which outline important research or decisions that have been made on the economic and social developmental aspects in Africa.

The Institutional Repository of the Economic Commission for Africa offers unique knowledge and information not available elsewhere pertaining to regional programmes, decisions and resolutions promoting social and economic development in Africa.

Communities in DSpace

Select a community to browse its collections.

- Agriculture, Forestry and Fishing [1234]
- Economic Development and Development Finance [5964]
- Gender issues and Equity [10671]
Welcome to the Bank Repository of Institutional Knowledge. This intranet platform is designed to ensure that the vast knowledge resulting from Bank business is accessible and visible within the Bank. Please browse the collections, and feel free to provide feedback by sending an e-mail to repository@iadb.org.

Search BRIK

Enter text in the box below to search BRIK

[Search]
References

The African Virtual University