

UI examples of inspirational design and functionality

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The DSpace 7 UI Outreach Group is collecting screen shot examples of inspirational UI design and functionality for the different pages of DSpace as a resource for development of the DSpace 7 UI. The overall goal is that DSpace 7 will represent "the best of both worlds" when it comes to unifying XMLUI and JSPUI.

But if BOTH JSPUI and XMLUI are lacking in important areas, we're also looking outwards to other systems to see how we can pick low hanging improvement fruit.

UI Aspects visible on EVERY PAGES

This includes headers, footers and navs (IF navs are present everywhere)

Essential features / Links to use cases

...

Examples

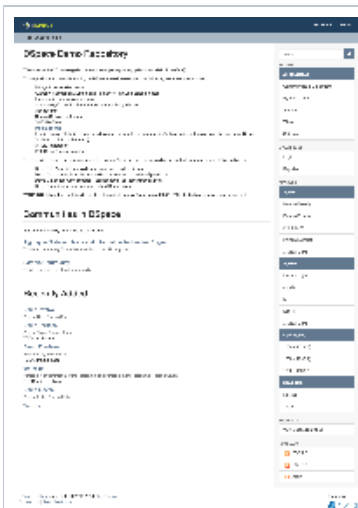
Homepage

Essential features / Links to use cases

...

Examples

Screen shot & Source URL	Individual observations	Joint community opinion



DSpace 6 XMLUI Mirage 2 homepage

Bram Luyten (Atmire)

Main pane

- News => KEEP
- Communities => I personally think they shouldn't be on the homepage. Too cumbersome if list is long
- Recently added

Right nav

- Browse => IN DOUBT ... takes a lot of place, might be cleaner to hide this
- options to login => IN DOUBT ... not sure if this should be BOTH in the header and in the nav
- Discovery facets => IN DOUBT ... are they really useful on the homepage?
- Stats => NOT PROMINENT ENOUGH
- RSS



DSpace 6 JSPUI homepage

Bram Luyten (Atmire)

News => KEEP

Community listing + Discover facets next to eachothers

- => I personally think community list shouldn't be on the homepage. Too cumbersome if list is long

DSpace-CRIS out-of-box and typical "customization"



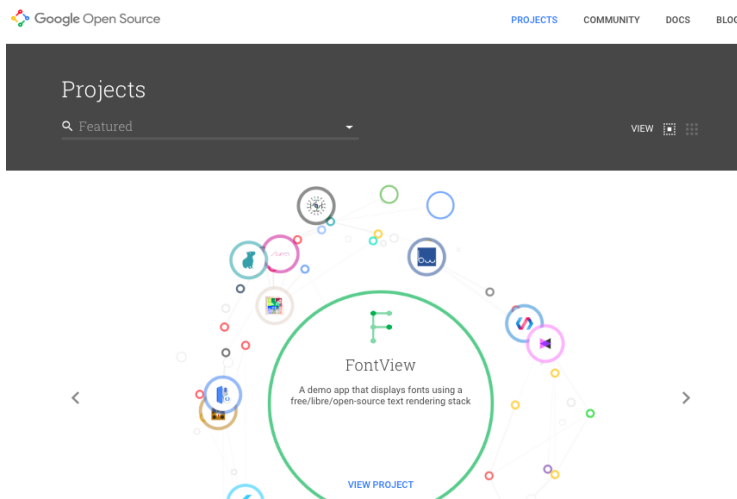
<https://dspace-cris.4science.it/> <http://ktisis.cut.ac.cy/>

Andrea Bollini (4Science)

- Removed the top community list by default
- More editable html section (head, side & footer)
- central role of the search
- Infographics about virtual aggregation of the repository content (in dspace-cris we have additional entities but it can be also a group by a custom solr query, dc.type, etc.)
- More "list of content": recent submission and most viewed, downloaded
- the navigation bar include links to virtual section of the repository

Typically insitutions use the html editable section to put

- carousel of images / institutional news
- link to other general services (footer)
- often the central panel with the search box and infographics is enlarged to the full row and the additional side news section if used is put on a single middle row



Homepage with animated "carousel" / "discovery thingy"

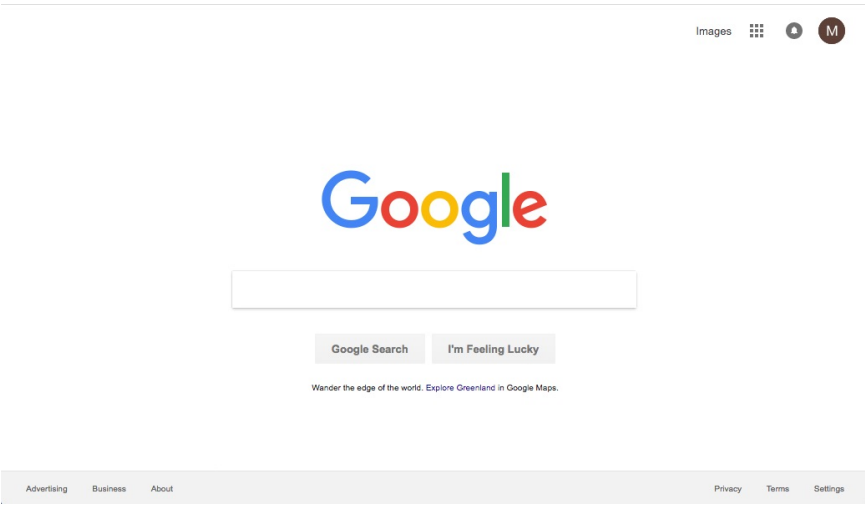
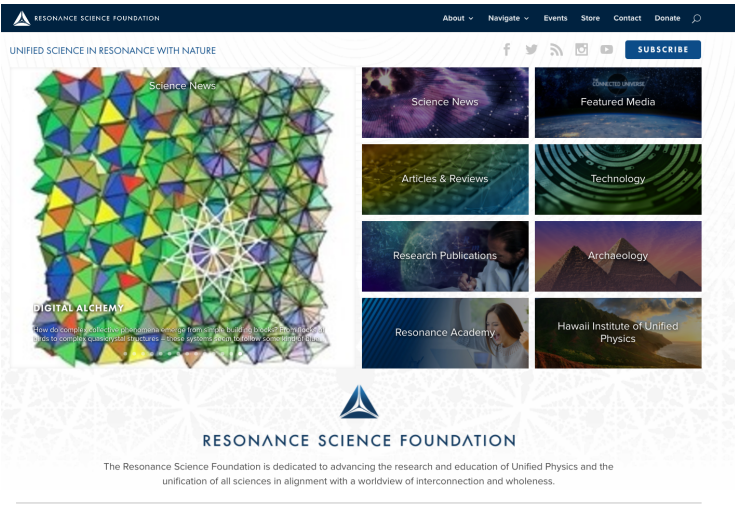
<https://opensource.google.com/projects/explore/featured>

Bram Luyten (Atmire)

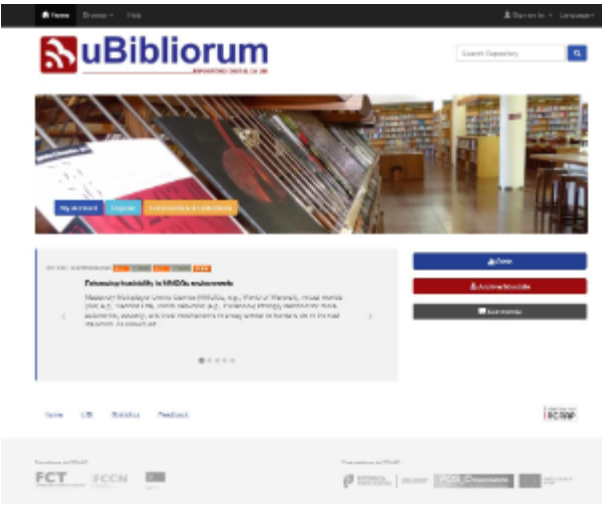
1. Visually eye catching section that draws the user to recent /highlighted content
 - a. In a DSpace context, this could be the thumbnails of recent items, or highlighted items /collections
2. Search box that could also function to show the user the (top level) communities. The fact that the box does search "everywhere" by default, but allows you to drill down to a particular topic /community is very nice
3. The SEARCH feature & listing of search results seems TOO LIGHT. Only sorting between relevance and name. No facets. I'm convinced we still need facets in DSpace search. Although there's something to say for simplicity as well.

2017 June 7

interesting but not enthusiastic about this viewer

 https://www.google.com/?gws_rd=ssl	Monika Mevenkamp simple but powerful works for all types of content and repos with mixed content. Princeton has for example no pretty images, lots of journal articles, ETDs, some datasets, ... low maintenance: no manual grooming of featured items - no worries that arithmetically chosen featured items step on anybodies feelings this will live and die with the SEARCH and Filter capabilities on the search results page - SEARCH could lead to a page that shows a list of results and offers categories to filter results; categories should be configurable: eg - DataSet show only dc.type = DataSet matches - Department show local.custom. department facet to select one or more choices - in terms of filtering: draw inspiration from what Blacklight does - or look at WOS search page or - the grid up top could lead to a hamburger style menu - collections, submission instructions, news, statistics, - top right Login or User Logo	2017 June 7 would be a very good customizable option
 https://resonance.is/	Bram Luyten (Atmire) - CONTENT FIRST - Left panel: emphasis on recent /highlighted items. - Right panel: collections /communities /subjects - BELOW: explanation about the system /repository - NO SIDEBAR /Clutter left or right - Focus on social in the top level bar	2017 June 7 like how it highlights new items like as an option, but not a default would like it customizable

Reader from: Quantico, Virginia, United States The Rollamo 1945 The University of Missouri School of Mines and Metallurgy Yearbooks  Recent Downloads 47 of 3083 in the past day Terms of Use <table border="1"> <tr> <td>30,355 Total Papers</td> <td>1,152,274 Total Downloads</td> <td>720,383 Downloads in the past year</td> </tr> </table> http://scholarsmine.mst.edu/ Digital Commons at Missouri University of Science and Technology	30,355 Total Papers	1,152,274 Total Downloads	720,383 Downloads in the past year	Felicity Dykas (Missouri) Dynamic map; dots appear to show items being downloaded. Eye-catching. Shows users (and administrators) that this is a site that is being used. "This map shows recent readership activity ..."	2017 June 7 homepage should be simple; useful to have option to add to selected pages; e.g., statistics view; make available for repository, community, collection, and items nice, interactive feature shows records being accessed would be of interest to faculty
30,355 Total Papers	1,152,274 Total Downloads	720,383 Downloads in the past year			
UMSL DIGITAL LIBRARY Search Term Search Login Home Collections Advanced Search About  M-112: St. Louis Globe-Democrat The UMSL Digital Library is designed to help you discover content through dynamic searching. Below there are shortcut links to searches for the most popular subjects represented in the library, most of which are from the vast historic collections of the St. Louis Mercantile Library. There are buttons for different types of materials and a timeline for the various decades. Selecting any of these will pull up every object in the Digital Library tagged with the corresponding value. In most cases, more results will return than you are interested in. Narrow your search by selecting additional constraints from the sidebar. As you add or remove constraints your search results will be winnowed down to a smaller and smaller pool of objects. https://dl.mospace.umsystem.edu/umsl/ Islandora at University of Missouri–St. Louis	Felicity Dykas (Missouri) Slide show - as an option feature. Knowledge Bank at OSU has this feature: https://kb.osu.edu/dspace/	2017 June 6 Would like homepage design options that add appealing visuals			
ESTUDO GERAL ESTUDO GERAL is a digital library of the University of Coimbra, Portugal. It is a repository of digital objects, including books, journals, and other documents. The library is designed to provide a comprehensive and accessible collection of digital resources for research and teaching. 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 https://estudogeral.sib.uc.pt/	Jose Carvalho Focus on institucional Repository context Image highlight, general stats, last deposits, administrative information regarding the repository use				

 http://ubibliorum.ubi.pt/	Jose Carvalho Institutional repository with banner slideshow of the institution + action buttons to deposit, login... + information regarding policy, helpdesk...	
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Item Listing & Search Results Page

Is search results & item listing completely the same or should we have different designs?

In other words, are there different requirements for let's say, listing items in a "Recently Added" list or a "Browse By" list, compared to how they should be listed as search results?

Essential features / Links to use cases

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Examples

Screen shot and Source URL	Individual observations	Joint community opinion
 https://resonance.is/research-publications/	Bram Luyten (Atmire) - Great on mobile - Title, citation, abstract and PDF icon - Nothing screams "download me" more than a PDF icon	2017 June 7 would like display of the pdf as a customizable option for collections and search results takes up a lot of the screen, reducing space for side bars

HOW TO USE THE IDEALIS Featured Leave a comment The most recently selected scholarly communication research added to The Idealis will appear below. To browse research on particular topics or research published in certain years or journals, use the Browse menu at right. To search for specific research, use the search field in the upper right corner of the screen. You can also save time by signing up for email, RSS, or Twitter updates at right.  Journal of Librarianship and ORGANIZATION AND DELIVERY OF SCHOLARLY COMMUNICATIONS SERVICES BY ACADEMIC AND RESEARCH LIBRARIES IN THE UNITED KINGDOM: OBSERVATIONS FROM ACROSS THE POND March 31, 2017 Author: Christine Frain Abstract: The U.K. library community has implemented collaborative strategies in key scholarly communication areas such as open access mandate compliance, and U.S. librarians could benefit from learning in greater detail about the practices and experiences of U.K. libraries with respect to how they have organized scholarly communication services. METHODS In order to better understand the scholarly communication activities in U.K. academic and research libraries, and how U.S. libraries could apply that experience in the context of their own priorities, an environmental scan via a survey of U.K. research libraries and in-person interviews were conducted. RESULTS U.K. libraries concentrate their scholarly communication services on supporting compliance with open access mandates and in the development of new services that reflect libraries' shifting role from information consumer to information producer. DISCUSSION Due to the difference in the requirements of open access mandates in SEARCH Search ... BROWSE 2013 2014 2015 2016 2017 acknowledgements altmetrics article arxiv bibliometrics blog post CC-by in- by-nc CCBY classifiers collaboration college & research libraries D3-Magazine data curation data management dataset economics english fovea1 gender IR jedit JISC no license open access open science peer review preprint publishing report repositories research data scholarly communication scholarly publishing social media software subscription costs tenure The Journal of Librarians Publishing united kingdom SUBSCRIBE Sign up for RSS and Twitter notifications of new content, or get email alerts. Email Address (required) SUBSCRIBE https://theidealis.org/discover/	Bram Luyten (Atmire) LIKE - Each item in the list has an extensive listing, with room for an image/banner per paper. DISLIKE - If you need +10% of your vertical space to explain how the interface works, is it a good interface? - Discovery aids are limited to a search box and a tag cloud NOT SURE - Titel, Author, Abstract, Date, Citation and view link to the publisher page are the key metadata being shown.	2017 June 7 busy
 Semantic Scholar dspace Sign in About 5,890 results Sort by: Relevance Filter Results: Field of Study All Computer Science (5,885) Neuroscience (296) Publication Year 1975 2017 Publication Type Author Publication Venue Data Set Used Key Phrases The DSpace Institutional Digital Repository System: Current Functionality Robert Tansley, Mick Bass, +4 authors MacKenzie Smith • JCDL • 2003 In this paper we describe DSpace, an open source system that acts as a repository for digital research and educational material produced by an organization or institution. DSpace was developed during two years' collaboration between the Hewlett-Packard Company and MIT Libraries. The development team worked closely with MIT Libraries staff and early... (More) 2 View PDF Related Publications More... DSpace: An Open Source Dynamic Digital Repository MacKenzie Smith, Mary R. Barton, +5 authors Robert Tansley • D-Lib Magazine • 2003 2 View on Publisher Website Related Publications More... DSpace How-To Guide Tim Donohue, Scott Phillips, Dorothea Salo, D Sace • 2007 Introduction This short booklet is intended to introduce the commonest non-obvious customization-related tasks for newcomers to DSpace administration. It has been written against the stable version 1.4.2 of DSpace and the Manakin user interface, version 1.1. We have tried to include instructions for different operating systems as required; most... (More) View PDF Related Publications More... Semantic Scholar search result list	Bram Luyten (Atmire) - Facets fold in. Nice approach to ensure that the list of facets doesn't become too long - Publication year slider with horizontal bar visualisation of how many results are available per year.	



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http://digitalcommons.unl.edu/do/search/?q=blood&start=0&context=52045&sort=date_desc&facet=

Bram Luyten (Atmire)

LIKE

- bibliography export option

DISLIKE

- the UI design in general

[illegible]

<http://digitalcommons.unl.edu/do/search/?q=blood&start=0&context=52045&facet=>

Bram Luyten (Atmire)

LIKE

- direct file downloads from search results
- facet values limited to 5

DISLIKE

- Not responsive
- "Publication" field => not sure if the host publication is important enough to show it in the SERP
- Authors are not clickable

NOT SURE

- Saved searches. Requires creating an account. Why show the button if you need to be logged in to use it?

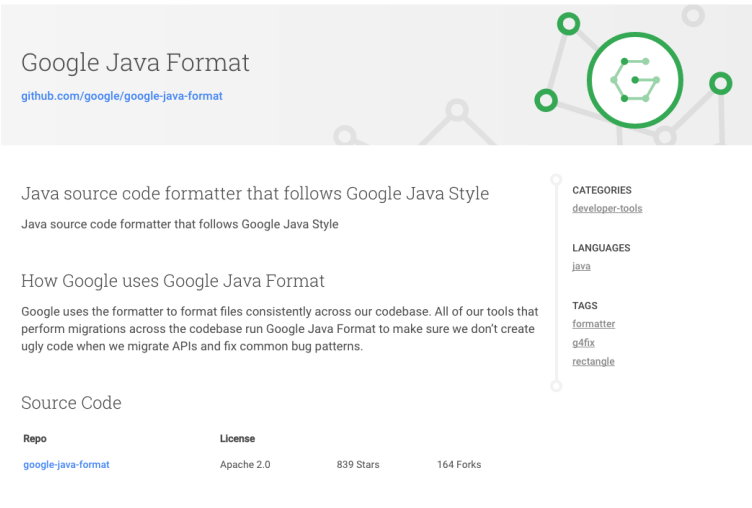
 http://network.bepress.com/explore/?q=DSpace	Bram Luyten (Atmire) DISLIKE • Authors are hard to distinguish from titles • No direct file downloads • Too little information in SERP entries
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Item page

Essential features / Links to use cases

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Examples

Screen Shot and source URL	Individual observations	Joint Community Opinion
 <i>Example of an "item page" in this system</i> https://opensource.google.com/projects/explore/featured	Bram Luyten (Atmire) 1. The item page equivalent seems a little "light". It's interesting that you lose all context of navigation, no breadcrumb etc. User is supposed to use the back button? It's very clean, but maybe too clean (e.g. sacrificing usability?) a. The fact that a single item can have its own header to make it more visual is really nice.	

 Semantic Scholar



 SIGN IN



[Back to results for dspace](#)

The DSpace Institutional Digital Repository System: Current Functionality

Robert Tansley, Mick Bass, David Stuve, Margret Branschovsky, Daniel Chudnov, Greg McClellan, MacKenzie Smith less

• JCDL • 2003

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Abstract

In this paper we describe DSpace™, an open source system that acts as a repository for digital research and educational material produced by an organization or institution. DSpace was developed during two years' collaboration between the Hewlett-Packard Company and MIT Libraries. The development team worked closely with MIT Libraries staff and early adopter faculty members to produce a 'breadth-first' system, providing all of the basic features required by a digital repository service. As well as functioning as a live service, DSpace is intended as a base for extending repository functionality, particularly to address long-term preservation concerns. We describe the functionality of the current DSpace system, and briefly describe its technical architecture. We conclude with some remarks about the future development and operation of the DSpace system.

Extracted Key Phrases

DSpace

Repository

Long-term Preservation

Abstract & Details

Figures

References

Citations

Statistics

Related Publications

Bram Luyten (Atmire)

So much awesomeness don't know where to begin

Semantic Scholar Item page

 University of Missouri School of Law

Journal of Dispute Resolution

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View 2015, No. 2

View 2015, No. 1

View 2014, No. 2

View 2014, No. 1

View 2013, No. 2

View 2013, No. 1

View 2012, No. 2

View 2012, No. 1

View 2011, No. 2

View 2011, No. 1

View 2010, No. 2

View 2010, No. 1

View 2009, No. 2

View 2009, No. 1

View 2008, No. 2

View 2008, No. 1

View 2007, No. 2

View 2007, No. 1

2 x 1 9

1 month

JOURNAL OF DISPUTE RESOLUTION

The Journal of Dispute Resolution is a student-edited, academic journal published on a bi-annual basis by the University of Missouri School of Law in cooperation with the Center for the Study of Dispute Resolution. The journal contains articles written by nationally prominent authors and students on a wide variety of topics in the rapidly developing field of dispute resolution.

The Journal was established in 1984 and is recognized as the leading legal publication in the area of alternative dispute resolution. Second- and third-year law students administer the journal by contributing written notes and assisting in the editing and publication process.

Current Issue: Volume 2016, Issue 1

Front Matter

ISSC: Introduction

ISSC: Table of Contents, Issue 1

Conferences

ISSC: Recent the FMA Arbitration Procedure, Practice, and Policy: National Conference on Dispute Resolution

ISSC: The Evolution of Dispute and Arbitration Expertise: Arbitration in the Early Modern Period (16th-18th Centuries)

ISSC: Arbitration and the History of Dispute Resolution: A Case Study of the American Arbitration Association

ISSC: The International Arbitration Awards of Reasons to Arbitrate

ISSC: A Study of State-Level Procedures, Practices, and Policies: Arbitration in Early America

Felicity Dykas (Missouri)

Like the drop down box from which users can choose an issue. Once an issue is chosen, the pdfs are organized under categories - which vary from issue to issue

Examples:

- Front matter
- Conferences
- Notes

 Figshare: Item page link	Bram Luyten (Atmire) Figshare clearly takes the angle that the actual file/pdf is the most important thing the user wants. Above the fold, they only show the file (rendered), with an option to download below. You have to scroll below the fold to get to the metadata.
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Submission forms

Essential features / Links to use cases

Submitters should not lose information: explicit or implicit saving

Compatible with the current definition of input-forms.xml, meaning that:

- Different form configurations per collection should remain supported
- Type-bind showing of particular fields should remain supported

Examples

Screen shot and source URL	Individual Observations	Joint community opinion
Standard DSpace 6 XMLUI submission forms		
Standard DSpace 6 JSPUI submission forms		

Community page, Collection page, overview

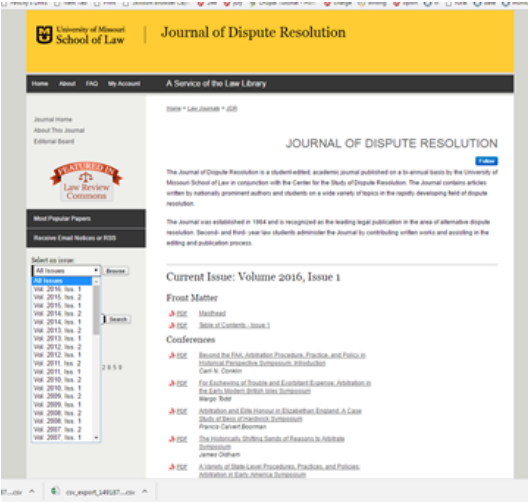
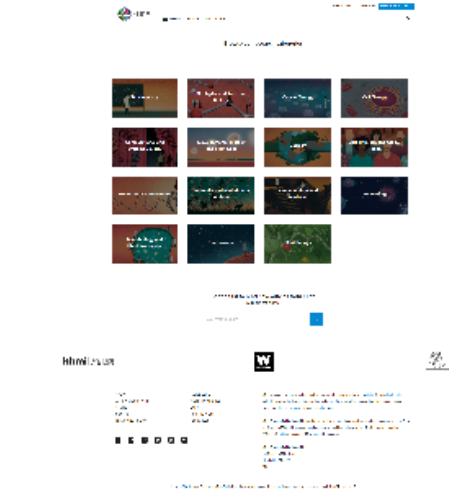
Because a community in DSpace can have many subcommunities, every community can be a tree in itself.

So the challenge to represent ONE community (and its sub communities) is actually very similar to representing ALL top level communities.

Essential features / Links to use cases

...

Examples

Screen shot & Source URL	Individual Observations	Joint Community Opinion
 http://scholarship.law.missouri.edu/jdr/ Digital Commons at University of Missouri Law School	Felicity Dykas (Missouri): Like the drop down box from which users can choose an issue. Once an issue is chosen, the pdfs are organized under categories - which vary from issue to issue Examples: • Front matter • Conferences • Notes	
 https://elifesciences.org/subjects	Arthur Smith: Simple categories, visually easy to browse.	

Author profile

Author profiles are NOT a default feature of DSpace 6 JSPUI or XMLUI. Maybe we should remove this section as a whole, if we're not adding author profiles in DSpace 7.

Essential features / Links to use cases

...

Examples

Screen shot and source URL	Individual Observations	Joint community opinion
Robert Tansley 7 Highly Influential Citations 612 Citations Citations Per Year Authors who most influenced Robert Tansley: - Wendy Hall (8) - Paul H. Lewis (7) - MacKenzie Smith (6) - Mark R. Dobie (6) - Katherine J. Don (4) Authors most influenced by Robert Tansley: - Lynne Horwood (11) - Shirley Sullivan (11) - Charles W. Bailey (10) - David Bainbridge (9) - Ian H. Witten (8) Semantic Scholar author profile	Bram Luyten (Atmire): So much awesomeness don't know where to begin	