

# DSpace JSPUI Reborn

Presented by:

Susanna Mornati, s.mornati@ Cineca.it

IT Solutions for Institutional Research Dept., Head

Cineca, ITALY



This work is licensed under a  
Creative Commons Attribution-  
ShareAlike 3.0 Unported License.

This work is the result of the DSpace Team  
lead by Andrea Bollini at Cineca

Open Repositories, Helsinki  
2014, June 9-13



# This presentation is about...

- User experience improvements available with DSpace 4
- Available for the JSPUI, which is our favourite UI
- Some of them available for the XMLUI
- Comparison of JSPUI and XMLUI to help you choose which UI better fits your requirements



# The big one: JSPUI redesign

Clean and modern look & feel

Contributed to the community by Cineca

Built with professional CSS Frameworks: Bootstrap 3 + JQueryUI 1.10

Theme by





...how JSFUI looked before 4.0

**Search DSpace**
 
[Advanced Search](#)
[Home](#)
**Browse**
[Communities & Collections](#)
[Issue Date](#)
[Author](#)
[Title](#)
[Subject](#)
[Researcher](#)
[Project](#)
[Organization Unit](#)
[Conferences](#)
**Sign on to:**
[Receive email updates](#)
[My DSpace](#)
authorized users
[Edit Account details](#)
[Help](#)
[About DSpace](#)

DSpace-CRIS at euroCRIS &gt;

**DSpace is Live**

Welcome to our digital repository of My University research!

More exciting news to appear here.

**Search**

Enter some text in the box below to search DSpace.

 
**Communities in DSpace**

Choose a community to browse its collections.

[euroCRIS Research Output](#)
**This is a default installation of DSpace!**

It can be extensively configured by installing modified JSPs, and altering the site configuration.

**RSS Feeds**

**Discover**
**By people**

[Andrea Bollini \(1\)](#)  
[Ed Simons \(1\)](#)  
[Jan Dvořák \(1\)](#)  
[Nikos Housos \(1\)](#)  
[Pablo de Castro \(1\)](#)

**By structure**

[Best Practice TG \(1\)](#)  
[CERIF TG \(1\)](#)  
[CINECA \(1\)](#)  
[CRIS Architecture and Develop... \(1\)](#)  
[euroCRIS \(1\)](#)  
[European Commission - Joint R... \(1\)](#)  
[GrandIR Ltd. \(1\)](#)  
[Sapienza University of Rome \(1\)](#)


**By type**

[CERIF Class \(546\)](#)  
[CERIF Scheme \(68\)](#)  
[Items \(17\)](#)  
[OrgUnits \(8\)](#)  
[Researchers \(5\)](#)  
[Events \(4\)](#)  
[Collections \(2\)](#)  
[Communities \(1\)](#)



# How JSPUI looks now!



Home Browse Help Search DSpace Sign on to: 

# DSpace JSPUI

DSpace preserves and enables easy and open access to all types of digital content including text, images, moving images, mpegs and data sets

[Learn More](#)

*DSpace Demo Repository*

[français](#) [Deutsch](#) [English](#)

Welcome to the DSpace.org demonstration/sample repository JSPUI interface

This repository is currently running DSpace version 4.0

**WARNING:** All content on this site resets automatically **every Saturday at 23:59 UTC**, at which point any changes are lost.

Demo Users are set up in the system

All users have **password equal to the lowercase name of this software:**

- Demo Site Administrator = dspacedemo+admin@gmail.com
- Demo Community Administrator = dspacedemo+commadmin@gmail.com



Demo Submitter - dspace@demo-submit@gmail.com

### Recent Submissions RSS 1.0 RSS 2.0 RSS

Test Word Document See  
 This is a sample abstract. But, to fill up some space, here's "Hello" in several different languages : (Chinese) 你好, (Georgian) ჰელო, (Greek) Γεια σας, (Hindi) नमस्ते, (Korean) 여보세요, (Japanese) こんにちは, (Russian) привет, (Thai) สวัสดี

◀ ▶


○○○○○○●○○○○

### Extra Features Enabled

- Embargo option in Submission process
- Authority Control (on Authors & Publishers) in Submission process
- Community/Collection/Item Statistics are publicly visible
- OpenSearch
- Google Scholar metadata

### Communities in DSpace

Choose a community to browse its collections.

- [Euskarazko ikasmaterialak](#)
- 
**Sample Community**  
 This is a sample top-level community
- Test Community**  
 Test is asked

### Discover

#### Author

aa, aa	1
Cat, Lily	1
Doe, Jane L	1
Doe, John F	1
fer, ber	1
mario, perez	1
Nelson, Sandra K	1

#### Subject

keyword1	4
keyword2	4
keyword3	4
a	1
b	1
calico	1
cat	1

#### Date issued

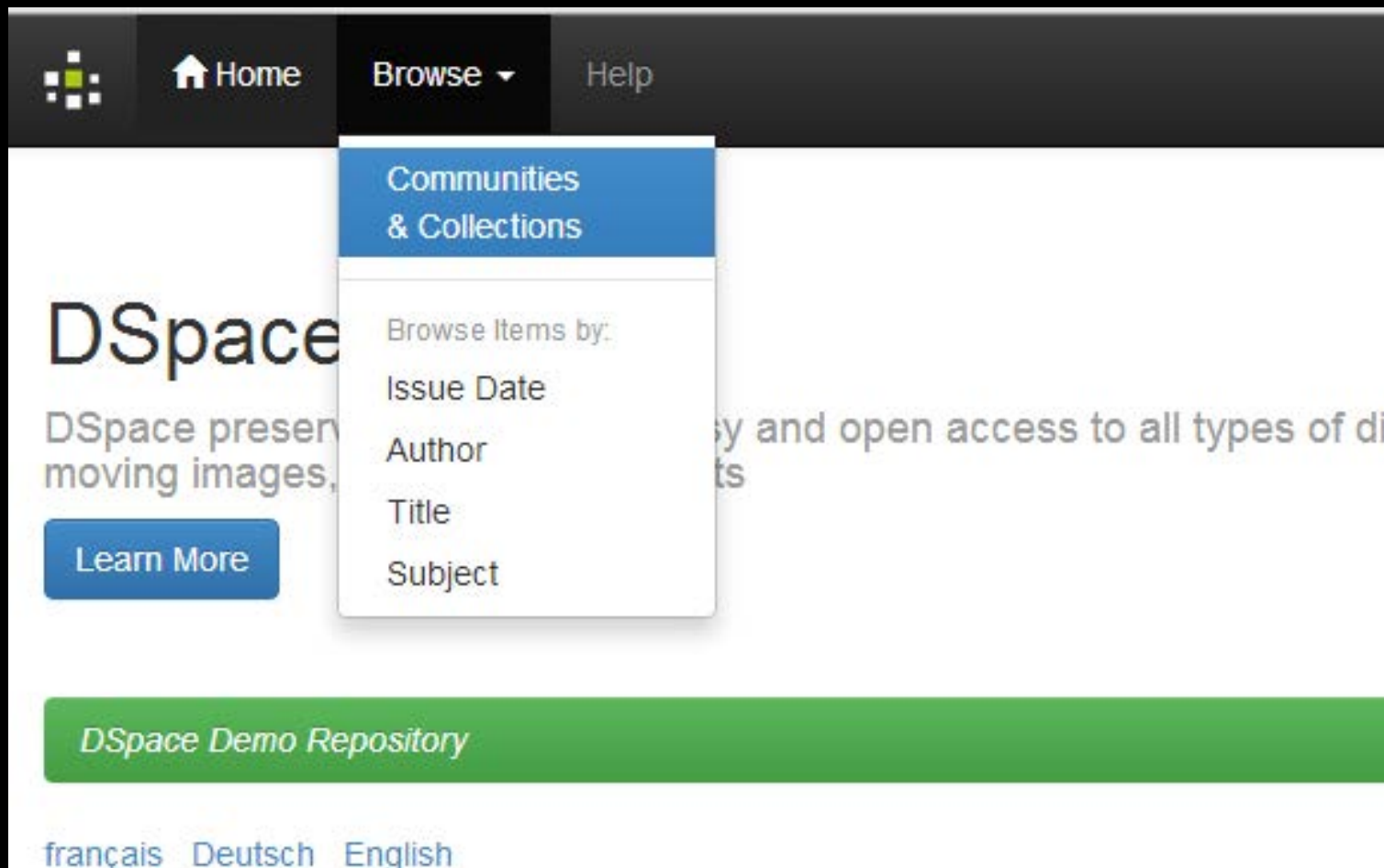
2000 - 2014	5
1900 - 1999	3
1650 - 1699	1

Home page





# Public navigation





# User menu

Search DSpace   Sign on to: ▾

- My DSpace
- Receive email updates
- Edit Profile


cluding text, images,

Home Browse Help Search DSpace   Sign on to: ▾

## DSpace JSPUI

DSpace preserves and enables easy and open access to all types of digital content including text, images, moving images, mpegs and data sets

[Learn More](#)



### Log In to DSpace


New user? [Click here to register.](#)

Please enter your e-mail address and password into the form below.

**E-mail Address:**

**Password:**

[Have you forgotten your password?](#)

Theme by  CINECA

DSpace Software Copyright © 2002-2013 Duraspace - [Feedback](#)



# Community list

Home Browse Help Search DSpace Logged in as a.bollini@cineca.it

## DSpace JSPUI

DSpace preserves and enables easy and open access to all types of digital content including text, images, moving images, mpegs and data sets


[Learn More](#)


### DSpace at My University

## 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.

[First community](#)  
This is a shoort description of the first community

 [Second top community \(with logo\)](#)  
A short description for this community too

 [This is my first collection](#)  
With a very useful short description

Admin Tools

[Create Top-Level Community...](#)

# Community home page

The screenshot shows the DSpace JSPUI interface for a community. At the top, there is a navigation bar with 'Home', 'Browse', and 'Help' links, a search box labeled 'Search DSpace', and a 'Sign on to:' dropdown. Below this is the 'DSpace JSPUI' header with a description: 'DSpace preserves and enables easy and open access to all types of digital content including text, images, moving images, mpegs and data sets'. A 'Learn More' button is present. A green banner identifies the 'DSpace Demo Repository'. The main content area is titled 'Sample Community' and includes a 'Community home page' link and a 'DURA SPACE' logo. Below the logo is introductory text: 'This is the introductory text for the Sample Community on the DSpace Demonstration Site. It is editable by System or Community Administrators (of this Community). DSpace Communities may contain one or more Sub-Communities or Collections (of Items). This particular Community has its own logo (the DuraSpace logo)'. A note below states: 'If this Community had special copyright text to display, it would be displayed here.' To the right is a 'Side news' section with the text: 'This is the news section for this Sample Community. System or Community Administrators (of this Community) can edit this News field.' On the left is a 'Recent Submissions' component with a 'See' button and a carousel of items. Below this is a 'Browse' section with a grid of filters: 'Issue Date', 'Author', 'Title', and 'Subject'. At the bottom is a 'Discover' section with three facets: 'Author' (aa, aa; Cat, Lily; Doe, Jane L), 'Subject' (keyword1, keyword2, keyword3), and 'Date issued' (2000 - 2012; 1900 - 1999; 1850 - 1899).

Community logo

Introductory text

Side news

Recent submission component

Community browse

Community facet

Home Browse Help Search DSpace Logged in as a.bollini@cineca.it

# DSpace JSPUI

DSpace preserves and enables easy and open access to all types of digital content including text, images, moving images, mpegs and data sets

Learn More

DSpace at My University / Second top community (with logo)

## This is my first collection Collection home page

Admin Tools

- Edit...
- Item Mapper
- Edit Submitters
- Export Collection
- Export (migrate) Collection
- Export metadata

Copyright My Collection

Browse

Issue Date Author Title Subject

News from the collection managers xxxxxx  
xxxx xxxxx

### Discover

Author

a, a 1

Logged-in

Admin tools  
In the sidebar

Home Browse Help Search DSpace Logged in as a.bollini@cineca.it

nec nisl lacinia, euismod turpis condimentum, vestibulum nisi. Phasellus aliquet mauris mi. Etiam pellentesque ipsum nunc, id venenatis urna tempor a. Vestibulum at pharetra velit, in hendrerit enim. Nullam a quam sit amet metus dignissim hendrerit. Nullam porttitor nibh congue nunc eleifend adipiscing. Etiam eget orci eu purus sodales pretium. Suspendisse condimentum eleifend rhoncus. Nunc interdum viverra nunc eu ullamcorper. Donec aliquet bibendum auctor. Sed condimentum, ligula in imperdiet auctor, mauris lectus fermentum sem, sit amet commodo orci diam ac turpis

Export Collection  
Export (migrate) Collection  
Export metadata

Copyright My Collection

Browse

Issue Date Author Title Subject

Submit to This Collection

You are subscribed to this collection. See Subscriptions Unsubscribe RSS 1.0 RSS 2.0 RSS

Collection's Items (Sorted by Submit Date in Descending order): 1 to 4 of 4

Issue Date	Title	Author(s)
6-Oct-2013	work	aasa, as
6-Oct-2013	afdsasdf	-
2-Feb-2345	This is the title of a first very interesting item	dddd
29-Sep-2013	eee	a, a

Collection's Items (Sorted by Submit Date in Descending order): 1 to 4 of 4

News from the collection managers xxxxxx  
xxxxx xxxxx

### Discover

Author

- a, a 1
- aasa, as 1
- dddd 1

Subject

- asdf 1
- eee 1
- sadf 1

Date issued

- 2300 - 2345 1
- 2013 - 2099 3

Collection's content



## Edit Collection 123456789/2

[Delete this Collection...](#)

## Collection's Metadata

**Name:**

**Short Description**

**Introductory text (HTML):**

**Copyright text (plain text):**

**Side bar text (HTML):**

## Submission Workflow

**Submitters:**

**Accept/Reject Step:**

**Accept/Reject/Edit Metadata Step:**

**Edit Metadata Step:**

**Collection Administrators:**

## Collection's settings

**Item template:**

**Collection's Authorizations:**

**Collection's Curations:**

Edit collection

[Home](#)[Browse](#)[Help](#)

Logged in as a.bollini@cineca.it

# DSpace JSPUI

DSpace preserves and enables easy and open access to all types of digital content including text, images, moving images, mpegs and data sets

[Learn More](#)

## DSPACE

DSpace at My University / Second top community (with logo)

# Different headers for public and backend pages

[Home](#)[Content](#)[Access Control](#)[Statistics](#)[General Settings](#)[Help](#)

Logged in as a.bollini@cineca.it

DSpace at My University / Administer

Edit Collection 123456789/2

[Delete this Collection...](#)





DSpace JSPUI

DSpace preserves and enables easy and open access to all types of digital content including text, images, moving images, mpegs and data sets

[Learn More](#)

DSpace at My University / Second top community (with logo) / This is my first collection

Please use this identifier to cite or link to this item: <http://hdl.handle.net/123456789/5>

Titolo:	This is the title of a first very interesting item
Autore:	<a href="#">dddd</a>
Parole chiave:	asdf eee sadf asdf
Issue Date:	2-Feb-2345
Numero nella collana:	asdfasd; asfdasf;
URI:	<a href="http://hdl.handle.net/123456789/5">http://hdl.handle.net/123456789/5</a>
Appears in Collections:	<a href="#">This is my first collection</a>

Admin Tools

- [Edit...](#)
- [Export Item](#)
- [Export \(migrate\) Item](#)
- [Export metadata](#)



# DSpace JSPUI

DSpace preserves and enables easy and open access to all types of digital content including text, images, moving images, mpegs and data sets

Learn More



DSpace Demo Repository

## Search

Search: All of DSpace

for

Add filters:  
Use filters to refine the search results.

Author

Results/Page 10 | Sort items by authors/record All

Doe, Jane L (1)  
Doe, John F (1)

Results 1-10 of 29 (Search time: 0.002 seconds).

previous 1 2 3 next

Item hits:

Issue Date	Title	Author(s)
11-Nov-1982	Test Webpage	-
26-Jun-1650	Test PowerPoint Document	-
26-Jun-2012	Test Word Document	-

## Discover

- Author
- aa, aa (1)
  - Cat, Lily (1)
  - Doe, Jane L (1)
  - Doe, John F (1)
  - fer, ber (1)
  - mario, perez (1)
  - Nelson, Sandra K (1)
  - Pili, Martínez (1)
  - Smith, Samuel G (1)

- Subject
- keyword1 (4)
  - keyword2 (4)
  - keyword3 (4)
  - a (1)

Search query

Filters with autocomplete

Facets, in the sidebar

Search



[Home](#)
[Browse](#)
[Help](#)

Logged in as dspacedemo+admin@...

# DSpace JSPUI

DSpace preserves and enables easy and open access to all types of digital content including text, images, moving images, mpegs and data sets

[Learn More](#)

**DSpace Demo Repository**

## Browsing by Title

Jump to: [0-9](#) [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](#)

or enter first few letters:

Sort by: [issue date](#) In order: [Descending](#) Results/Page: [20](#) Authors/Record: [All](#)

Showing results 1 to 11 of 11

Issue Date	Title	Author(s)
26-Jun-2012	<a href="#">Test Word Document</a>	-
11-Nov-1982	<a href="#">Test Webpage</a>	-
26-Jun-1650	<a href="#">Test PowerPoint Document</a>	-

Browse



DSpace Demo Repository

My DSpace: Demo Administrator

Start a New Submission | View Accepted Submissions

### Unfinished Submissions

This section is for use in the continued authoring of your document.

	Submitted By	Title	Submitted to	
<a href="#">Open</a>	Demo Administrator	Untitled	Collection of Sample Items	<a href="#">Remove</a>
<a href="#">Open</a>	Demo Administrator	The "J curve" problem revisited: old and new findings	Testdspace content	<a href="#">Remove</a>
<a href="#">Open</a>	Demo Administrator	Untitled	1. HH	<a href="#">Remove</a>
<a href="#">Open</a>	Demo Administrator	Diseño de un sistema de capacitación para los comerciantes de playa Santa Marianita del canton Salitre	Collection of Sample Items	<a href="#">Remove</a>

### Exported Resources

1. [item\\_export\\_2014\\_Jan\\_24\\_1\\_1.zip](#)

Theme by CINECA

DSpace Software Copyright © 2002-2013 Duraspace - Feedback

Logged in as dspaceadmin+admin@... ▾

Describe Describe Access Upload Verify License License Complete

## Submit: Describe this Item ?

Please fill in the requested information about this submission below. In most browsers, you can use the tab key to move the cursor to the next input box or button, to save you having to use the mouse each time.

Enter the names of the authors of this item below.

<b>Authors</b>	<input type="text" value="Grassi"/>	<input type="text" value="Guido"/>	<input type="button" value="Q"/>	<input type="button" value="Remove Entry"/>
	<input type="text" value="Quarti-Trevano"/>	<input type="text" value="Fosca"/>	<input type="button" value="Q"/>	<input type="button" value="Remove Entry"/>
	<input type="text" value="Dell'Oro"/>	<input type="text" value="Raffaella"/>	<input type="button" value="Q"/>	<input type="button" value="Remove Entry"/>
	<input type="text" value="Mancia"/>	<input type="text" value="Giuseppe"/>	<input type="button" value="Q"/>	<input type="button" value="Remove Entry"/>
	<input type="text" value="Last name, e.g. Smith"/>	<input donald="" e.g.="" jr"="" jr\",="" type="text" value="First name(s) + \"/>	<input type="button" value="Q"/>	<input type="button" value="+ Add More"/>

Enter the main title of the item.

**Title \***

If the item has any alternative titles, please enter them below.

**Other Titles**

Please give the date of previous publication or public distribution below. You can leave out the day and/or month if they aren't applicable.

**Date of Issue \*** Month:  Day:  Year:

Enter the name of the publisher of the previously issued instance of this item.

**Publisher**



Search DSpace

Logged in as dspaceadmin+admin@...

- My DSpace
- Receive email updates
- Edit Profile
- Administer**
- Logout

s of digital content including text, images,

# Administration

Home Content Access Control Statistics General Settings Help

Logged in as dspaceadmin+admin@...

**DSpace Demo Repository**

## Administration Tools

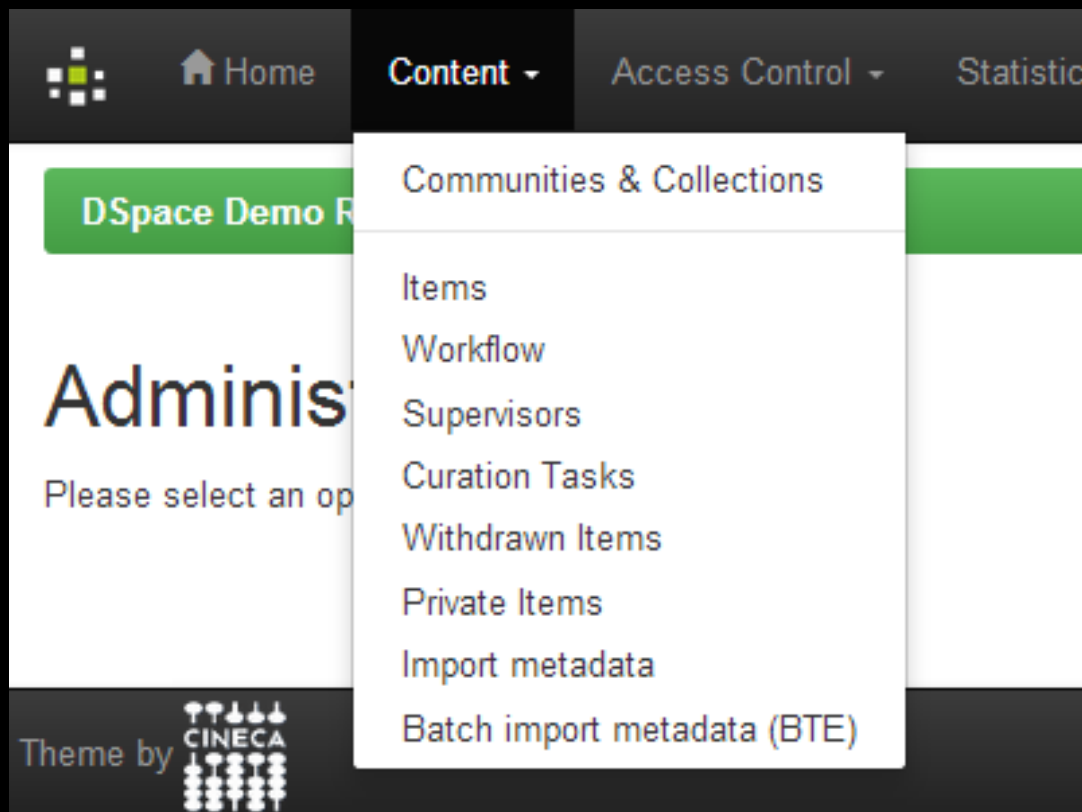
Please select an operation from the main menu.

Theme by

DSpace Software Copyright © 2002-2013 [Duraspace](#) - [Feedback](#)



# Administration





# Administration

DSpace Demo Repository

**Administration Tools**

Please select an operation from the main menu.





# Administration

DSpace Demo Repository

## Administration Tools

Please select an operation from the main menu.

- Metadata Registry
- Bitstream Format Registry
- Edit News
- Edit Default License

Theme by CINECA

# Media Query Browser support

- Chrome, Firefox, Safari, Opera
  - All reasonably recent versions
- IE10 fully supported
- IE9: except for a few CSS enhancements
- IE8: requires respond.js and html5shiv.js (included in DSpace 4)
- IE7: not officially supported, but
  - “should look and behave well enough”

Source “Building Responsive Websites with the Bootstrap 3 Framework”, Webvanta  
<https://www.webvanta.com/webinar/1949234-building-responsive-websites-with-the-bootstrap>



# Change the look & feel

In  steps

# Change the look & feel: step 1/4

Replace the DSpace logo with your institution logo

1

`/jspui/image/dspace-logo-only.png` (fixed to a height of 25px)



`/jspui/image/logo.gif` (width adapted to max 3/12 of the viewport)



# Change the look & feel: step 2/4

Replace the Bootstrap CSS theme file...

...with a generated one

2

`/jspui/static/css/bootstrap/bootstrap-theme.min.css`

<http://getbootstrap.com/customize/> - the generator form

<http://bootswatch.com/> - gallery of free themes

<http://www.lavishbootstrap.com/> - generate the palette from an image  
(maybe the Repository logo or banner)

## Buttons

@btn-font-weight

normal

@btn-link-disabled-color

@gray-light

### Default

@btn-default-color

#333

@btn-default-bg

#fff

@btn-default-border

#ccc

### Primary

@btn-primary-color

@btn-default-color

@btn-primary-bg

## Download

Hooray! Your custom version of Bootstrap is now ready to be compiled. Just click the button below to finish the process.

Compile and Download

*Bootswatch* Themes ▾ Download ▾ Help Blog

# Amelia

Sweet and cheery

Default Primary Success Info Warning Danger

## Amelia

Sweet and cheery

Preview Download ▾

Bootswatch Themes ▾ Download ▾ Help Blog

# Cerulean

A calm, blue sky

Default Primary Success Info Warning Danger

## Cerulean

A calm, blue sky

Preview Download ▾

Bootswatch Themes ▾ Download ▾ Help Blog

# Cosmo

An ode to Metro

Default Primary Success Info Warning Danger

## Cosmo

An ode to Metro

Preview Download ▾

Bootswatch Themes ▾ Download ▾ Help Blog

# Cyborg

Let black and electric blue

Bootswatch Themes ▾ Download ▾ Help Blog

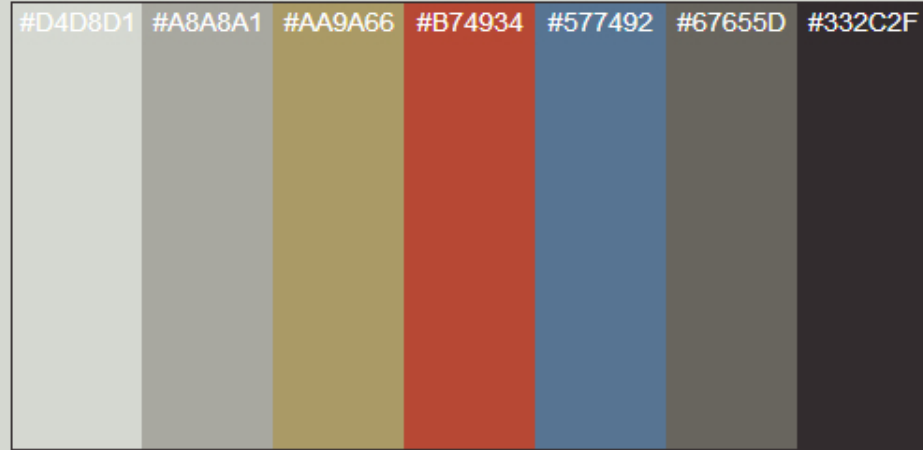
# Flatly

BOOTSWATCH Themes ▾ Download ▾ Help Blog

# Journal

[https://sphotos-a-sjc.xx.fbcdn.net/hphotos-prn1/163026\\_481734701986\\_7179594\\_n.jpg](https://sphotos-a-sjc.xx.fbcdn.net/hphotos-prn1/163026_481734701986_7179594_n.jpg)

Go Lavish



## Step 2: Customize everything

body background	<input type="color" value="#D4D8D1"/> #D4D8D1	<input type="text" value="D4D8D1"/>
disabled input & button background, input addon background, nav & tabs & pagination link hover background, jumbotron background	<input type="color" value="#A8A8A1"/> #A8A8A1	<input type="text" value="A8A8A1"/>
disabled link color, input placeholder color, dropdown header color, navbar inverse & link color	<input type="color" value="#AA9A66"/> #AA9A66	<input type="text" value="AA9A66"/>



# Change the look & feel: step 3/4

Check the dspace-theme CSS file, maybe you want to make changes

3

`/jspui/static/css/bootstrap/dspace-theme.css`

```
.banner img {background-color: #FFFFFF;padding:15px;margin:20px;}
```

```
.brand h4 {color: #999999}
```

```
ol.breadcrumb li {color: white; font-style: italic;}
```

```
ol.breadcrumb li a {color: white; font-weight: bold; font-style: normal;}
```

# Change the look & feel: step 4/4

Replace JQuery UI CSS & images...

...with a generated one

4

`/jspui/static/css/jquery-ui-1.10.3.custom/redmond/jquery-ui-1.10.3.custom.css`  
`/jspui/static/css/jquery-ui-1.10.3.custom/redmond/images/*`

<http://jqueryui.com/themeroller/> - the generator form & free gallery

jqueryui.com/themeroller/

Plugins Contribute Events Support

**jQuery**  
user interface

Your donations help fund development and growth

SUPPORT THE PROJECT

Demos Download API Documentation **Themes** Development Support Blog About

Search

# ThemeRoller

ThemeRoller

Roll Your Own Gallery Help

Download theme

- Font Settings
- Corner Radius
- Header/Toolbar abc
- Content abc
- Clickable: default state abc
- Clickable: hover state abc
- Clickable: active state abc
- Highlight abc
- Error abc
- Modal Screen for Overlays
- Drop Shadows

### Accordion

Section 1

Mauris mauris ante, blandit et, ultrices a, suscipit eget, quam. Integer ut neque. Vivamus nisi metus, molestie vel, gravida in, condimentum sit amet, nunc. Nam a nibh. Donec suscipit eros. Nam mi. Proin viverra leo ut odio. Curabitur malesuada. Vestibulum a velit eu ante scelerisque vulputate.

Section 2

Section 3

### Tabs

First Second Third

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo

### Button

A button element

Choice 1 Choice 2

### Autocomplete

Spinner

### Slider

### Datepicker

January 20

# ThemeRoller

Roll Your Own Gallery Help

UI lightness

Download Edit

UI darkness

Download Edit

Smoothness

Start



Change the look & feel

...done!

You only need to re-package your JSUI webapp and deploy it!

mvn package



# Some examples

Home Browse Help Search DSpace Logged in as abollini@cineca.it

# DSpace JSPUI

DSpace preserves and enables easy and open access to all types of digital content including text, images, moving images, mpegs and data sets

Learn More

## DSpace is Live

Welcome to our digital repository of My University research!  
More exciting news to appear here.

### Recent Submissions

Test Word Document [See](#)

This is a sample abstract. But, to fill up some space, here's "Hello" in several different languages: (Chinese) 你好, (Georgian) ჰელო, (Greek) Γεια σας, (Hindi) नमस्ते, (Korean) 어보세요, (Japanese) こんにちは, (Russian) привет, (Thai) สวัสดี

*This is a default installation of DSpace!*  
It can be extensively configured by installing modified JSPs, and altering the site configuration.

#### Communities in DSpace

Choose a community to browse its collections.

**DSRA** *Sample Community*  
This is a sample top-level community

#### Discover

Author	Subject	Date issued
Cat, Lily 1	keyword1 4	2000 - 2012 2
Doe, Jane L. 1	keyword2 4	1900 - 1999 2
Doe, John F. 1	keyword3 4	1650 - 1699 1
Nelson, Sandra K. 1	calico 1	
Smith, Samuel G. 1	cat 1	

Theme by DSpace Software Copyright © 2002-2013 [DSpace](#) [Feedback](#)

Home Browse Help Search DSpace Logged in as a.bollini@cineca.it

# DSpace JSPUI

DSpace preserves and enables easy and open access to all types of digital content including text, images, moving images, mpegs and data sets

Learn More

## DSpace is Live

Welcome to our digital repository of My University research!  
More exciting news to appear here.

### Recent Submissions

Test Word Document [See](#)

This is a sample abstract. But, to fill up some space, here's "Hello" in several different languages: (Chinese) 你好, (Georgian) ჰელო, (Greek) Γεια σας, (Hindi) नमस्ते, (Korean) 어보세요, (Japanese) こんにちは, (Russian) привет, (Thai) สวัสดี

*This is a default installation of DSpace!*  
It can be extensively configured by installing modified JSPs, and altering the site configuration.

#### Communities in DSpace

Choose a community to browse its collections.

**DSRA** *Sample Community*  
This is a sample top-level community

#### Discover

Author	Subject	Date issued
Cat, Lily 1	keyword1 4	2000 - 2012 2
Doe, Jane L. 1	keyword2 4	1900 - 1999 2
Doe, John F. 1	keyword3 4	1650 - 1699 1
Nelson, Sandra K. 1	calico 1	
Smith, Samuel G. 1	cat 1	


Theme by DSpace Software Copyright © 2002-2013 [DSpace](#) [Feedback](#)

Home Browse Help Search DSpace Logged In as a.bollini@dneca.it

## DSpace JSPUI

DSpace preserves and enables easy and open access to all types of digital content including text, images, moving images, mpegs and data sets

Learn More



DSpace at My University

**DSpace is Live**  
Welcome to our digital repository of My University research!  
More exciting news to appear here.

**Recent Submissions** [RSS](#) [EOD](#) [RSS](#)

Test Word Document [See](#)


This is a sample abstract. But, to fill up some space, here's "Hello" in several different languages: (Chinese) 你好, (Georgian) ჰელო, (Greek) Γειά σου, (Hindi) नमस्ते, (Korean) 안녕하세요, (Japanese) こんにちは, (Russian) привет, (Thai) สวัสดี

**This is a default installation of DSpace!**  
It can be extensively configured by installing modified JSPs, and altering the site configuration.

**Communities in DSpace**  
Choose a community to browse its collections.

**Discover**

Author	Subject	Date issued
Cat, Lily 1	keyword1 4	2000 - 2012 2
Doe, Jane L 1	keyword2 4	1900 - 1999 2
Doe, John F 1	keyword3 4	1650 - 1699 1
Nelson, Sandra K 1	calico 1	
Smith, Samuel C 1	cat 1	


Theme by  DSpace Software Copyright © 2002-2013 Duraspace - Feedback

Home Browse Help Search DSpace Logged In as a.bollini@dneca.it

## DSpace JSPUI

DSpace preserves and enables easy and open access to all types of digital content including text, images, moving images, mpegs and data sets

Learn More



DSpace at My University

**DSpace is Live**  
Welcome to our digital repository of My University research!  
More exciting news to appear here.

**Recent Submissions** [RSS](#) [EOD](#) [RSS](#)

Test Word Document [See](#)

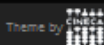
This is a sample abstract. But, to fill up some space, here's "Hello" in several different languages: (Chinese) 你好, (Georgian) ჰელო, (Greek) Γειά σου, (Hindi) नमस्ते, (Korean) 안녕하세요, (Japanese) こんにちは, (Russian) привет, (Thai) สวัสดี

**This is a default installation of DSpace!**  
It can be extensively configured by installing modified JSPs, and altering the site configuration.

**Communities in DSpace**  
Choose a community to browse its collections.

**Discover**

Author	Subject	Date issued
Cat, Lily 1	keyword1 4	2000 - 2012 2
Doe, Jane L 1	keyword2 4	1900 - 1999 2
Doe, John F 1	keyword3 4	1650 - 1699 1
Nelson, Sandra K 1	calico 1	
Smith, Samuel G 1	cat 1	

Theme by  DSpace Software Copyright © 2002-2013 Duraspace - Feedback

# Lavish DuraSpace logo

Lavish Home Preview

## Step 1: Provide an image

[https://wiki.duraspace.org/download/attachments/31655033/duraspace\\_stickr\\_logo\\_2.5in.png?version=1&modifi](https://wiki.duraspace.org/download/attachments/31655033/duraspace_stickr_logo_2.5in.png?version=1&modifi)



The logo features a stylized 'U' shape with various colored elements (red, black, yellow, orange, teal) inside. The word 'DURASPACE' is written vertically to the right of the 'U'.

#C1D1C7	#9CCECE	#7BBDBD	#DC7D50	#63B0B1	#61ADAD	#4E5757
---------	---------	---------	---------	---------	---------	---------





# DSpace JSPUI

DSpace preserves and enables easy and open access to all types of digital content including text, images, moving images, mpegs and data sets

[Learn More](#)

DSpace at My University

## DSpace is Live

Welcome to our digital repository of My University research!

More exciting news to appear here.

### Recent Submissions

[RSS 1.0](#)[RSS 2.0](#)[RSS](#)

Test Word Document

[See](#)

This is a sample abstract. But, to fill up some space, here's "Hello" in several different

## This is a default installation of DSpace!

It can be extensively configured by installing modified JSPs.

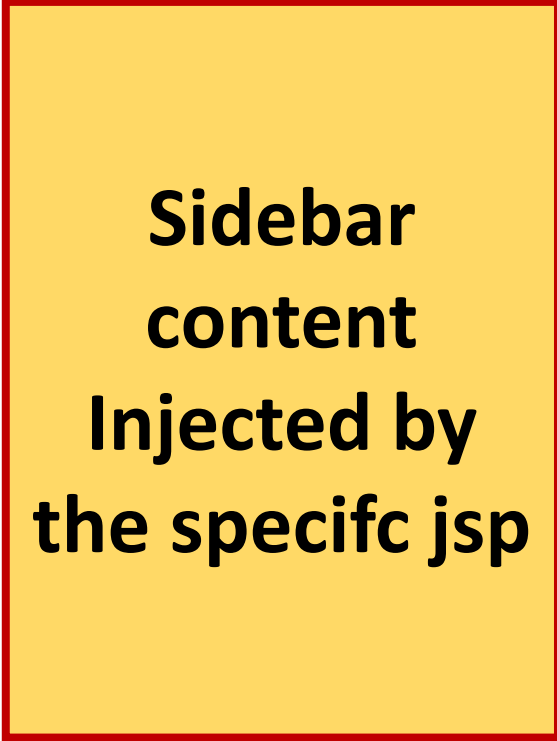
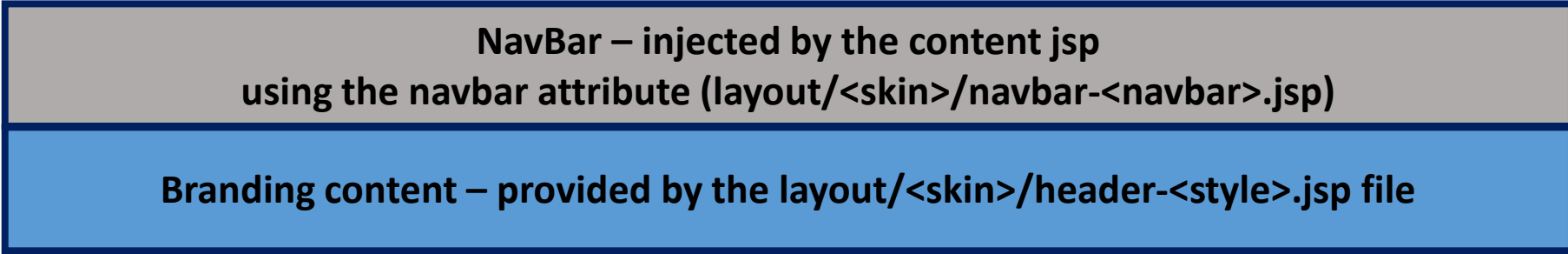
# How does it work? much like the old versions

- You can think the whole page as a big table of 12 columns...  
...but it is tableless! (all content in HTML `<div>` elements)
- You have precise positioning (fix «column» size)  
...but it is fluid (better, it is responsive, mobile friendly)
- It uses the custom tags `dspace:layout` and `dspace:sidebar`  
...but the layout tag now knows about the sidebar tag early\*.

\* You can do the math about how many columns are in your central panel and you can also put the sidebar on the left

# Layout structure

layout/<skin>/header-<style>.jsp



layout/<skin>/footer-<style>.jsp

# Four key elements

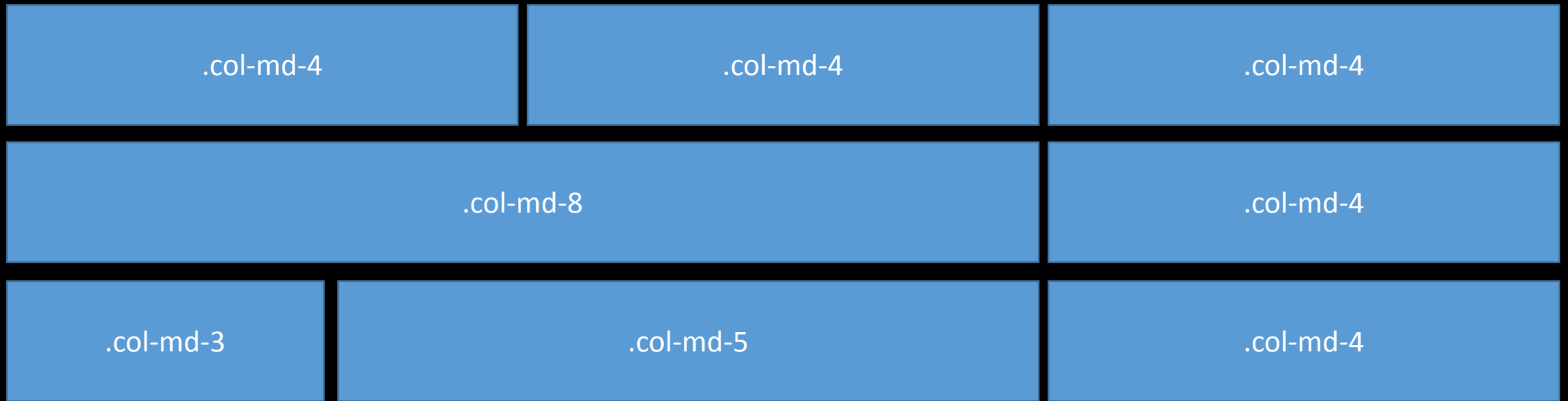
- Skin (undocumented feature ☹ )
  - Configured in the dspace.cfg allow to use layout files from the subdirectory <skin> of
    - dspace-jspui/src/main/webapp/layout or
    - dspace/modules/jspui/src/main/webapp/layout
- Style
  - Used in the dspace:layout tag to define which style apply to the current content, current used styles are:
    - Default
    - Submission (not yet an appropriate name... backend could be a better name)
- NavBar
  - Used in the dspace:layout tag to define which navigation menu include
- LocationBar
  - Used in the dspace:layout tag to define or turn off the breadcrumbs



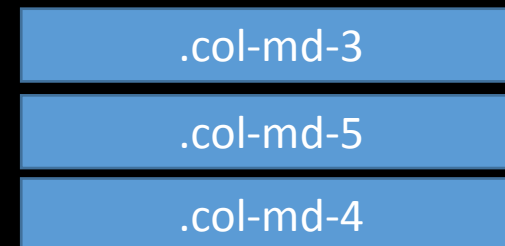
# Twitter Bootstrap

- Grid system
  - Breaking point: xs (<768px); sm (≥768px); md (≥992px); lg (≥1200px)
- Responsive utilities
  - hide / visible / pull / push / reset / clearfix for specific device (xs, sm, md, lg)
- UI Components CSS + JS:
  - NavBar, Menu, Carousel, List media item, panel, badge, etc.

# Bootstrap: the grid system



on small and extra small devices



# Bootstrap: responsive system

.col-md-8

.col-md-4

+ push / pull

.col-md-4 .col-md-pull-8

.col-md-8 .col-md-push-4

on small and extra small devices

.col-md-8 .col-md-push-4

.col-md-4 .col-md-pull-8

You can also play with offset, visible and hidden classes.

See <http://getbootstrap.com/css>

# JQuery UI is actually used for...

## Autocomplete widget

- Search filter
- Submission, authority controlled metadata

## Tabs / Accordion

- Submission lookup (see later)

## Progress bar

- File upload

Add filters:

Use filters to refine the search results.

Author  Equals

Results/Page  | Sort ite  Authors/rec

Doe, Jane L (1)

Doe, John F (1)

Search Form **Results**

Search for identifier

Fill in publication identifiers (DOI is preferable) and then press "Search". A list of all matching publications v in order to proceed with the submission process.

PubMed ID:    
e.g. 20524090

DOI (Digital Object Identifier) :      
e.g. 10.1392/dironix

arXiv ID:    
e.g. arXiv:1302.1497

Upload a file

Default mode Submission





# Guidelines & design decision

- The current implementation is not perfect but it is much better than the previous one.
  - We expect wide adoption and lot of improvements and fix, specially for mobile device, in the next versions
  - At Cineca we are going to install DSpace 4 with this UI for over 60 universities and research centres in 2014/2015
- Rely only on standard bootstrap CSS classes
- Focus on middle size desktop screen col-md-\* (more work to do for mobile devices)
- Uniform use of metaphors and navigation patterns



# Common UI experience patterns: examples

- In a wizard
  - The next button goes on the right
  - The previous button goes on the left
- When a link makes changes it is always rendered as a button
- The state classes are used as follows:
  - Primary (blue): the expected button(s) to be used in a form
  - Success (green): add/update content, «save» buttons. Success acknowledgment
  - Danger (red): remove/delete content, «remove» buttons. Information that you MUST read before going ahead
  - Warning (yellow): change that can be reverted with some work, information to understand before going ahead
  - Info (blue): access to additional information



# JSPUI Extensions

- The use of a CSS Framework with a solid grid system can facilitate the implementation of an extension mechanism “build by blocks”
- DSpace already has a basic support for that on the controller side. The main “pages”: home, community, collection and item all support injection of logic via “processor”
- The view fragments actually need to be included “manually” editing the main jsp but... nobody stops us to dream about UI to configure the content order and positioning

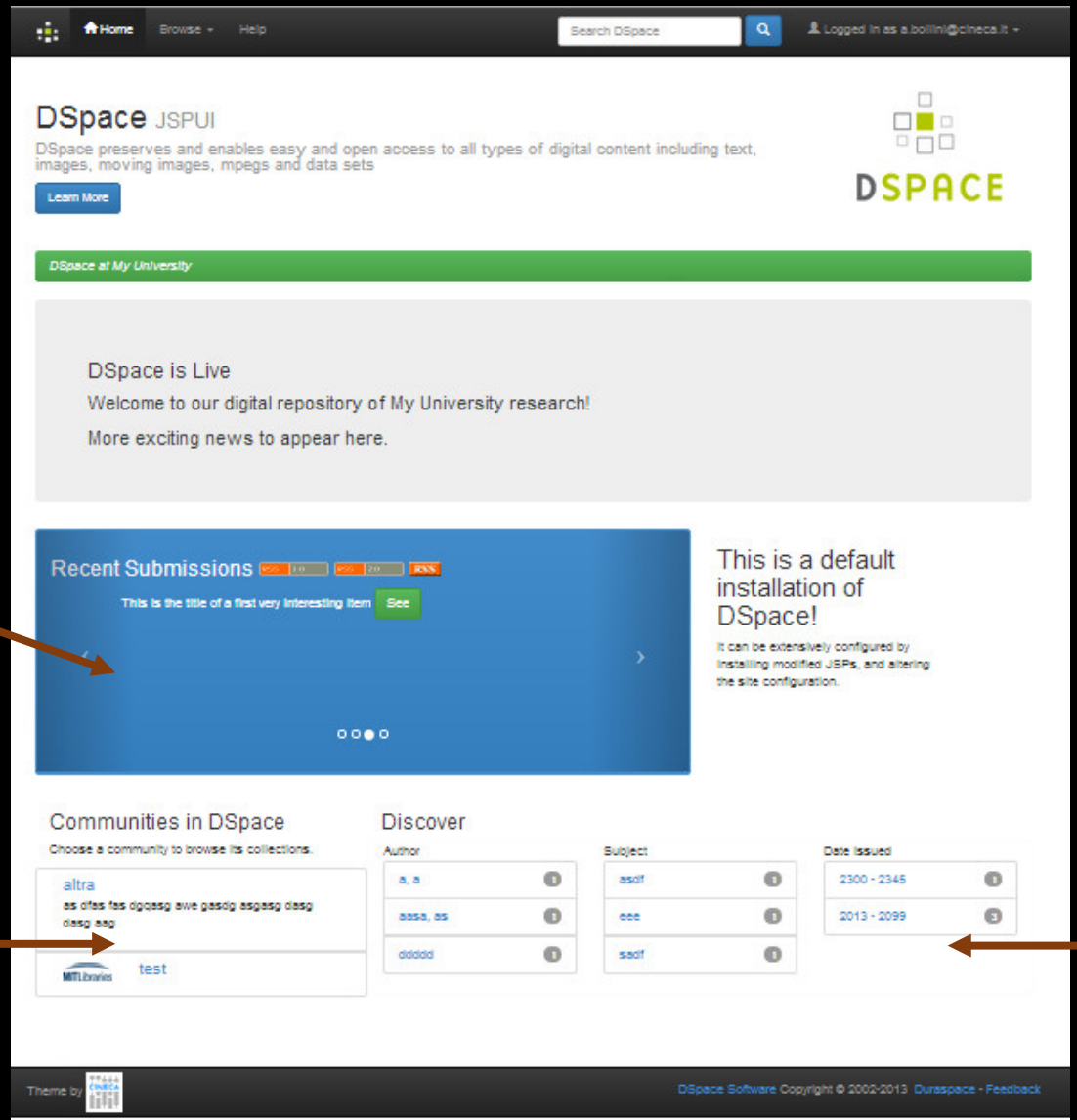
# dspace.cfg: plugin.sequence.org.dspace.plugin.SiteHomeProcessor

Home page processors

RecentSiteSubmissions

TopCommunitiesSiteProcessor

SideBarFacetProcessor





# Does Bootstrap matter for XMLUI?

Yes, recent news say that also XMLUI developers are looking to bootstrap as CSS framework to support new themes

## MIRAGE2

“This theme for the DSpace "Manakin" XML User Interface was built on modern web technologies including Bootstrap, SASS/Compass and Grunt. Mirage 2 offers a fresh look and feel together with an entire range of optimizations behind the scenes. The public face of the theme is available for evaluation in a dedicated preview repository. The associated source code will be released after the release of DSpace 4.”

<http://duraspace.org/mirage-2-fresh-look-and-feel-dspace-4>



# Search User experience improvements

JSPUI & XMLUI

# Search User experience improvements

JSPUI & XMLUI

- ICU accent folder
  - Solve transliteration problem for UTF-8 characters so that you can for example search for Martènez, entering martènez or martinez to get the same results
  - It is enabled out-of-box, just be sure to re-index your content after the upgrade

Martènez  
Martinez

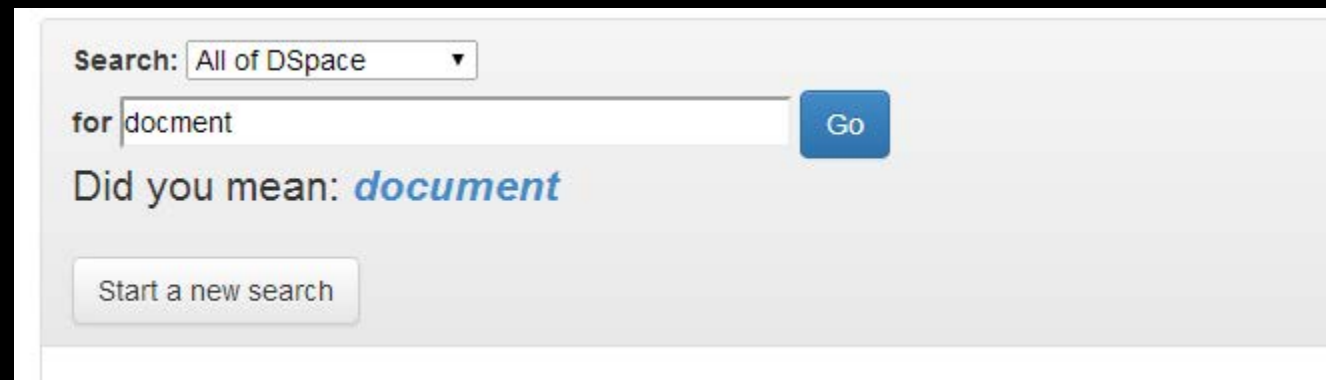
Juan Martènez

# Search User experience improvements

JSPUI & XMLUI

- Spellchecker SOLR component: “Did you mean?”

Help the user when the input query has a match using a n-gram index but no match with the “standard” index



The screenshot shows a search interface with a dropdown menu set to "All of DSpace". Below it, a search box contains the text "for document" and a blue "Go" button. Underneath the search box, the text "Did you mean: *document*" is displayed in blue. At the bottom of the interface, there is a button labeled "Start a new search".

It is almost ( ☹️ see DS-1899 ) enabled out-of-box in a fresh DSpace 4 installation.





```
<bean id="defaultConfiguration"
      class="org.dspace.discovery.configuration.DiscoveryConfiguration" scope="prototype">
  ....
  <property name="spellCheckEnabled" value="true"/>
</bean>
```

**Pay attention: you have multiple configurations!**

```
<bean id="org.dspace.discovery.configuration.DiscoveryConfigurationService" ...>
  <property name="map">
    <map>
      <entry key="site" value-ref="homepageConfiguration" />
      <entry key="default" value-ref="defaultConfiguration" />
      <entry key="123456789/1" value-ref="customCommunityConfiguration" />
      ....
    </map>
  </property>
</bean>
```



# Search: user mishaps... tips

- Hei my publication doesn't appear in the browse by title list or in search results!
  - Is your publication published in the repository? Publications under workflow are not searchable
  - Is your publication publically accessible? Discoverable and without embargoes?
  - Is your publication just approved for entry in archive? Give the system the time to index it! By default new content becomes available for search and browse within 10 seconds



Search User mishaps...

## Still having issues?

Ok, you could be right, the indexing procedure in DSpace is separate from the main process that manages item editing and workflow. There is a little chance that SOLR was in trouble when you made the changes and was not able to index.

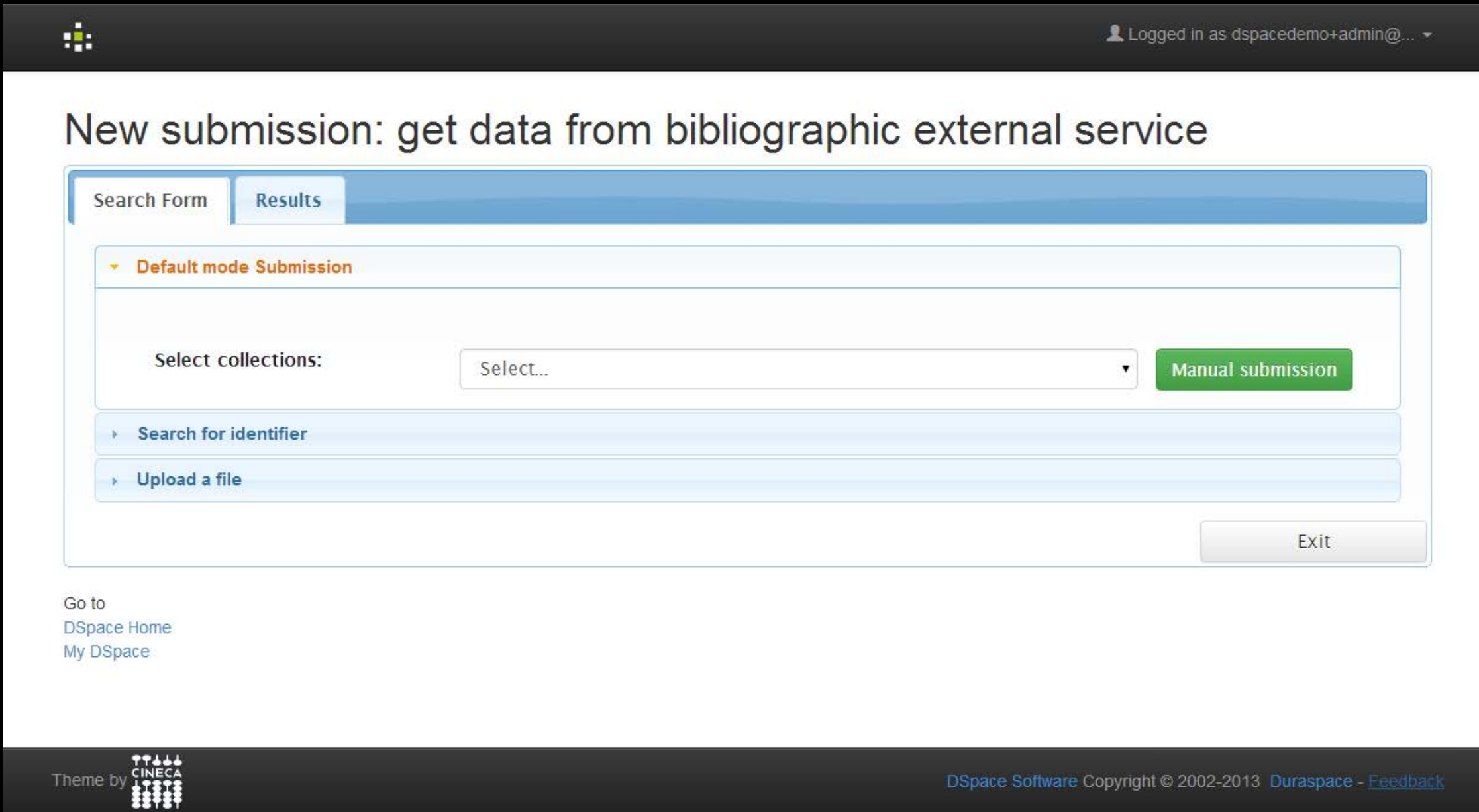
Check the dspace.log files, if this is the case, restart the SOLR webapp and reindex your content



# Enhanced Submission



# Default mode: traditional



The screenshot shows a web interface for a new submission. At the top right, it indicates the user is logged in as 'dspacedemo+admin@...'. The main heading is 'New submission: get data from bibliographic external service'. Below this is a navigation bar with 'Search Form' and 'Results' tabs. The 'Search Form' tab is active and contains a section titled 'Default mode Submission'. This section includes a 'Select collections:' label, a dropdown menu with 'Select...' as the current selection, and a green 'Manual submission' button. Below the dropdown are two expandable sections: 'Search for identifier' and 'Upload a file'. An 'Exit' button is located at the bottom right of the form area. At the bottom left, there are links for 'Go to DSpace Home' and 'My DSpace'. The footer contains the text 'Theme by CINECA' with a logo, and 'DSpace Software Copyright © 2002-2013 Duraspace - Feedback'.



## New submission: get data from bibliographic external service

The screenshot shows the 'New submission' interface in DSpace. A dropdown menu is open, displaying a list of collections. The 'Manual submission' button is highlighted in green. The 'Exit' button is visible below the dropdown. The background shows the 'Search Form' and 'Results' tabs.

Go to  
[DSpace Home](#)  
[My DSpace](#)



# New submission: get data from bibliographic external service

Search Form

Results

▶ Default mode Submission

▼ Search for identifier

Fill in publication identifiers (DOI is preferable) and then press "Search". A list of all matching publications will be shown to you to select in order to proceed with the submission process.

PubMed ID:

e.g. 20524090

20524090



DOI (Digital Object Identifier) :

e.g. 10.1021/ac0354342



arXiv ID:

e.g. arXiv:1302.1497



Cinii NAID:

e.g. 110004744915



Search

Lookup by identifier





Lookup results

Logged in as dspacedemo+admin@...

## New submission: get data from bibliographic external service

Search Form **Results**


 

**The "J curve" problem revisited: old and new findings**  
*Grassi, Guido, Quarti-Trevano, Fosca, Dell'Oro, Raffaella, Mancia, Giuseppe*  
2010-08

[See details & import the record](#)

Select collections:  [Manual submission](#) [Exit](#)

Go to  
[DSpace Home](#)  
[My DSpace](#)

Theme by 

DSpace Software Copyright © 2002-2013 Duraspace - [Feedback](#)



New submission: service

Search Form **Results**

PublMed Crossref

The "J curve" problem revisited:  
Grassi, Guido, Quarti-Trevano, Fosca  
2010-08

See details & import the record

Select collections:

Go to  
DSpace Home  
My DSpace

Theme by GINECA

Logged in as dspacedemo+admin@... ▼

Manual submission

Exit

copyright © 2002-2013 Duraspace - Feedback

### Publication details

PublMed Crossref

title The "J curve" problem revisited: old and new findings

authors Grassi, Guido  
Quarti-Trevano, Fosca  
Dell'Oro, Raffaella  
Mancia, Giuseppe

issued 2010-08

abstract This paper critically addresses the issue of the "J-curve" paradox--the finding described in studies performed about 30 years ago indicating that treatment-induced systolic blood pressure values below 120 or 125 mm Hg and diastolic blood pressure values below 75 mm Hg are characterized by an increase, rather than a reduction, in the incidence of coronary events. This paper focuses on four major subjects: 1) the benefits of a lower blood pressure target during treatment; 2) the historical background of the "J-curve" phenomenon; 3) the evidence collected in recent clinical trials regarding the existence of a "J-curve" in treated hypertensive patients; and 4) the recent recommendations by the Task Force Committee of the European Society of Hypertension on blood pressure goals to be achieved during treatment.



doi 10.1007/s11906-010-0121-7

journal Current hypertension reports

Logged in as dspacedemo+admin@...

## New submission:

Search Form Results


 

The "J curve" problem revisited:  
*Grassi, Guido, Quarti-Trevano, Fosco*  
2010-08

See details & import the record

Select collections:

Go to  
DSpace Home  
My DSpace

Theme by 

journal	Current hypertension reports
volume	12
issue	4
jissn	1522-6417 1534-3111
mesh	Antihypertensive Agents Blood Pressure Blood Pressure Determination Coronary Artery Disease Humans Hypertension Italy Practice Guidelines as Topic Risk Factors World Health
language	eng
subtype	Journal Article Review

Fill data and start submission

Manual submission

Exit

Copyright © 2002-2013 Duraspace - Feedback

Logged in as dspacedemo+admin@...

## New submission:

Search Form Results

PubMed CrossRef

The "J curve" problem revisited:  
Grassi, Guido, Quarti-Trevano, Fosco  
2010-08

See details & import the record

Select collections:

- 1. HH
- 2. LMH
- 3 - DBH
- 4 - BATX
- Coleccion 2
- Colección nº 1
- Collection of Sample Items
- Collection with embargo feature enabled (use only with XMLUI)
- Erreferentzia materialak
- Testspace content
- Untitled
- Videos Historicos

journal Current hypertension reports

volume 12

issue 4

jissn 1522-6417  
1534-3111

mesh Antihypertensive Agents  
Blood Pressure  
Blood Pressure Determination  
Coronary Artery Disease  
Humans

Go to  
DSpace Home  
My DSpace

Theme by CINECA

Manual submission

Exit

Fill data and start submission

Copyright © 2002-2013 Duraspace - Feedback



## New submission: get data from bibliographic external service

Search Form

Results

▶ Default mode Submission

▶ Search for identifier

▼ Upload a file

Select a file to upload and its type from the drop-down menu. If "Preview Mode" is enabled, the list of the publications in the file will be shown to you to select the one for submission. If it is disabled, all publications will be imported in your MyDSpace page as "Unfinished Submissions" while the first one will go through the submission process.

Select data type:

Select...

File:

Scegli file

Nessun file selezionato

Preview mode

Collection:

1. HH

Process

Import by file



# Import by file

Select a file to upload and its type from the drop-down menu. If "Preview Mode" is enabled, the list of the shown to you to select the one for submission. If it is disabled, all publications will be imported in your M Submissions" while the first one will go through the submission process.

**Select data type:**

Select...

**File:**

Select...

pubmedXML  
crossRefXML  
arXivXML  
ciiiXML  
bibtex  
ris  
endnote  
csv  
tsv

Preview mode

**Collection:**



## New submission: get data from bibliographic external service

Search Form

Results

BIBTEX

**Design of a Carbon Fiber Composite Grid Structure for the GLAST Spacecraft Using a Novel Manufacturing Technique**  
*von Hicks, III, Michael*  
2001

See details & import the record

BIBTEX

**Handbook of Mathematical Functions with Formulas, Graphs, and Mathematical Tables**  
*Milton Abramowitz and Irene A. Stegun*  
1964

See details & import the record

Select collections:

Select...

Manual submission

Exit

# StartSubmissionLookup step

- Available only for JSPUI but doesn't break the XMLUI. Must be enabled in item-submission.xml

```
<step id="collection">  
  <processing-class>org.dspace.submit.step.StartSubmissionLookupStep</processing-class>  
  <jspui-binding>org.dspace.app.webui.submit.step.JSPStartSubmissionLookupStep</jspui-binding>  
  <xmlui-binding>org.dspace.app.xmlui.aspect.submission.submit.SelectCollectionStep</xmlui-binding>  
  <workflow-editable>>false</workflow-editable>  
</step>
```

- Built on top of BTE can be further configured and extended via the config/spring/api/bte.xml
  - New providers
  - Tuning metadata mapping
  - Enabling search functionalities

# Enabling the free search

The system allows a further “submission mode”: free search across Bibliographic Database. The target provider must supply API to query its internal database with free text or optionally title, authors and date indexes.

```
[dspace-dir]/config/spring/BTE.xml
```

```
<!-- PubMed -->
```

```
<bean id="pubmedOnlineDataLoader"  
class="org.dspace.submit.lookup.PubmedOnlineDataLoader">
```

```
    <property name="searchProvider" value="true" />
```

```
    <property name="fieldMap" ref="pubmedInputMap" />
```

```
</bean>
```





## New submission: get data from bibliographic external service

Search Form Results

Default mode Submission

Select collections:

Free search ← Free search "mode"

Search for identifier

Upload a file

Go to  
[DSpace Home](#)  
[My DSpace](#)

Free search



## New submission: get data from bibliographic external service

Search Form Results


Default mode Submission

Select collections:

- Free search
- Search for identifier
- Upload a file

Go to  
DSpace Home  
My DSpace

Free search



Insert base info about publication: either title or author/year is required.  
If you know any unique identifier about publication like DOI, Pubmed, or arXiv you can switch on the **identifier search mode**.

Title:

Year:

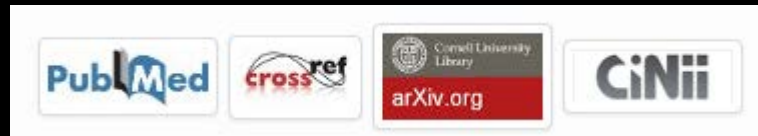
Authors/Publishers :

Search for identifier

Free search

# Free search mode

- It is disabled by default
  - It is supported by all the providers supplied out-of-box



- Current implementations are sub-optimal



# Embargo improvements

# Embargo & private item (also for XMLUI)

DSpace Software Logo

Logged in as dspacedemo+admin@... ▾

Describe Describe Access Upload Verify License License Complete

## Access

### Access Setting

#### Private Item

Private:  If selected, the item won't be searchable.

#### Embargo

Embargo Date:  The first day from which access is allowed. Accepted format: yyyy, yyyy-mm, yyyy-mm-dd

Reason:  
The reason for the embargo, typically for internal use only. Optional.

< Previous Cancel/Save Next >

Theme by CINECA

DSpace Software Copyright © 2002-2013 Duraspace - Feedback

# Embargoed Bitstream (also for XMLUI)

Describe Describe Access Upload Verify License Complete

## Edit Bitstream Access


Embargo Date:  The first day from which access is allowed. Accepted format: yyyy, yyyy-mm, yyyy-mm-dd

Reason:  
The reason for the embargo,

February 2014

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

Cancel Save

Theme by  CINECA

DSpace Software Copyright © 2002-2013 Duraspace - Feedback

# Embargoed Bitstream (also for XMLUI)

Logged in as dspacedemo+admin@... +

Describe Describe Access Upload Verify License Complete

## Group policies

Name	Action	Group	Start Date	End Date	
	READ	Anonymous	2014-02-19		<input type="button" value="Edit"/> <input type="button" value="Remove"/>

## Edit Bitstream Access

Name:  
A short, descriptive name for the policy (up to 30 characters). May be shown to end users. Example: "Staff-only". Optional but recommended.

Groups:  
Anonymous ▼

Access for selected group:

- Allow access once item is accepted into archive
- Embargo until specific date

Embargo Date:  The first day from which access is allowed. Accepted format: yyyy, yyyy-mm, yyyy-mm-dd

Reason:  
The reason for the embargo, typically for internal use only. Optional.

# Review embargo (also for XMLUI)

Logged in as dspacedemo+admin@...

Identifiers	None	
Type	None	
Language	None	

Subject Keywords	None	<a href="#">Correct one of these</a>
Abstract	None	
Sponsors	None	
Description	None	


  

Private Item	The item will be searchable	<a href="#">Edit access settings</a>
--------------	-----------------------------	--------------------------------------

Uploaded Files:	<a href="#">DSpace-CRIS-documentation_0_8.pdf</a> - Adobe PDF (Known) <b>Access is allowed from 2014-02-19</b>	<a href="#">Add or Remove a File</a>
-----------------	---	--------------------------------------

< Previous      Cancel/Save      **Next >**

Theme by  CINECA

DSpace Software Copyright © 2002-2013 [Duraspace](#) - [Feedback](#)





# Upload step improvements



- Describe
- Describe
- Access
- Upload
- Verify
- License
- License
- Complete

## Submit: Upload a File ?

Please enter the name of the file on your local hard drive corresponding to your item. If you click "Browse...", a new window will appear in which you can locate and select the file on your local hard drive.

Please also note that the DSpace system is able to preserve the content of certain types of files better than other types. [Information about file types and levels of support for each are available.](#)

Document File:

Please give a brief description of the contents of this file, for example "Main article", or "Experiment data readings".

File Description:

- < Previous
- Cancel/Save
- Skip file upload >
- Next >

### SHERPA/RoMEO Publisher Policy Database



All SHERPA/RoMEO information is correct to the best of our knowledge but should not be relied upon for legal advice. SHERPA cannot be held responsible for the re-use of RoMEO data, or for alternative interpretations which are derived from this information.

The SHERPA/RoMEO Database provide the following data for the journal that you have entered.

**Journal:** PLoS ONE (ISSN: 1932-6203)

**Publisher:** Public Library of Science

**Author's Pre-prints:** ✓ Author **can** archive pre-print (ie pre-refereeing)

**Author's Post-prints:** ✓ Author **can** archive post-print (ie final draft post-refereeing)

**Publisher's Version:** ✓ Author **can** archive publisher's version/PDF

**General conditions:**

- Creative Commons Attribution Licence
- Eligible UK authors may deposit in [OpenDepot](#)
- Publisher's version/PDF may be used
- All titles are open access journals

**Paid open access:** .

**Copyright:**



# Configure the Sherpa/RoMEO integration

- It is enabled by default but can be disabled via `dspace.cfg`, i.e. `webui.submission.sherparomeo-policy-enabled = false`
- It is configurable
  - `[dspace-dir]/config/spring/sherpa.xml`
    - Decide which metadata use for the Sherpa/RoMEO lookup (default `dc.identifier.issn`)
    - Switch to a different “ISSN Extractor” Strategy. For example you could look in the authority field of a metadata, useful in conjunction with `SHERPARoMEOJournalTitle`
  - `[dspace-dir]/config/dspace.cfg`
    - Enable the use of a specific apikey, anonymous user are limited to 500 query/day  
`sherpa.romeo.apikey = YOUR-API-KEY`



# AJAX Upload

Document File:

Document File:  technical-documentation.pdf

Upload is starting...

Document File:  technical-documentation.pdf

Upload in progress... 88% [151784896 bytes of 170921241]

DS-1897 JavaScript bug ☹️  
Fix available → 4.1

Document File:  technical-documentation.pdf

Upload completed.



# Request a copy

JSPUI & XMLUI

# DSpace JSPUI

DSpace preserves and enables easy and open access to all types of digital content including text, images, moving images, mpegs and data sets



[Learn More](#)

DSpace at My University / Sample Community / Collection of Sample Items

Please use this identifier to cite or link to this item: <http://hdl.handle.net/10673/9>

Titolo:	DSpace CRIS Technical Documentation
Autore:	Bollini, Andrea
Data:	Jan-2014
Editore:	Cineca
URI:	<a href="http://hdl.handle.net/10673/9">http://hdl.handle.net/10673/9</a>
Appears in Collections:	Collection of Sample Items

### Files in This Item:

File

DSpace-CRIS-doo

Show full item rec

Items in DSpace

Theme by CINECA

### Files in This Item:

File	Description	Size	Format	
<a href="#">DSpace-CRIS-documentation_0_8.pdf</a>		2,57 MB	Adobe PDF	<a href="#">View/Open</a> <a href="#">Request a copy</a>

[Show full item record](#)

## Request a document copy: DSpace CRIS Technical Documentation

Requester name:

John Smith

Requester e-mail:

xxxxxx@yyyyy.com

Files:

all files (of this document) in restricted access

the file(s) you requested

Message:

I'm doing a cool research about CRIS system and want to evaluate your software...|

Cancel

Send



→ Submitter / Author



token=c3c604015798ff5de16ea626c3f93b71

## Subject: Request a document copy

IF YOU ARE AN AUTHOR OF THE DOCUMENT, [DSpace CRIS Technical Documentation](#), use one of the buttons below to answer the request for a copy made by the user, John Smith.

This repository will propose an appropriate model reply, which you may edit.

Don't send a copy

Send a copy



# Accept the request

This is the email that will be sent to the requester along with the file(s).

**Subject:**

Request copy of document

**Message:**

Dear John Smith,

In response to your request I have the pleasure to send you in attachment a copy of the file(s) concerning the document: "DSpace CRIS Technical Documentation" (<http://hdl.handle.net/10673/9>), of which I am author (or co-author).

Best regards,

Demo Administrator <[bollini80@gmail.com](mailto:bollini80@gmail.com)>

Back

Send



→ Requestor User



Your answer was sent successfully to the e-mail indicated by the requester. Thank you.

You may use this occasion to reconsider the access restrictions on the document (to avoid having to respond to these requests), if there is no reason to keep it restricted. To do so, after inserting your name and e-mail (for authentication), click the button "Change to Open Access".

Name:

E-mail:

Change to Open Access



→ Repository administrators



# Request a copy configuration

- Who can made the request? `dspace.cfg : request.item.type`
  - Anonymous users - all
  - Logged-in users - logged
  - Nobody (disable the feature) – empty
- Who receive the request a copy emails?  
`[dspace.dir]/config/spring/api/requestitem.xml`
  - Submitter
  - Corresponding author as noted in metadata



# A personal comparison of JSPUI vs XMLUI

The following slides reflect the opinion of the presenter, but it is not an official statement from DuraSpace nor the DSpace Committers Group.

## JSP UI

### PROS:

Lightweight easy-to-learn standard-based technology

First DSpace UI, widely adopted

Skinnable

Mobile friendly

### CONS:

Layout hard to customize in depth

Content creation & view logic mixed-up

## XML UI

### PROS:

Clear separation between content and visualization XML / XSLT

Come by default since DSpace 1.6+

Possibility to use themes also for single community/collection (some themes freely available)

Mobile themes available

### CONS:

Complex technology

Strongly coupled with the Apache Cocoon framework (almost stale)

Hardware consumer

Need to be cached for reasonable performance

# JSP UI vs XML UI: End user functionalities

- Enhanced submission
  - Bibliographic database integration
  - Sherpa/RoMEO
  - AJAX progress bar
- DSpace-CRIS module\*
  - Researcher/OrgUnit/Project profiles
  - Management of authority lists (journals, etc.)
  - Disambiguation for researchers
  - Collaboration Network analysis
  - .....
- un-official module supported by Cineca  
<http://cineca.github.io/dspace-cris>

- Advanced workflow
  - Customizable through XML
- Discovery extra features
  - Highlighting
  - Related items
- Statistics extra features
  - Workflow events
  - Search usage



# Choose a UI based on your local preferences and expertise

“Both the JSPUI and XMLUI are supported and in use by members of our Committers Team. Both UI platforms have their advantages and disadvantages. So, we recommend choosing a UI based on your local preferences and expertise. At this point in time, there are no plans to deprecate either UI as they are both in active use throughout our community. If UI deprecation was ever being considered, we would consult with the DSpace Community before making any decisions.”

-- The DSpace Committers Group

# Thank you!



**Susanna Mornati**

IT Solutions for Institutional Research Dept., Head

[s.mornati@ Cineca.it](mailto:s.mornati@ Cineca.it)

for Cineca's DSpace Team (Andrea Bollini & Co.)



Link to the Duraspace Webinar with more details and Q/A:

<http://bit.ly/dspace4-roundup>