

# DSpace: Settings

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# Outline

**Email contents Settings: `/dspace/config/emails/`**

**`/dspace/config/dspace.cfg` settings**

- **Email settings**
- **Statistics strength settings**
- **File upload with file / without file (true/false)**
- **Metadata hide**
- **Language Settings**
- **Enabling Full Text**
- **Other settings**
- **Some Features: Discover, Advance Search (Facet Search) and RSS Feed**

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***/dspace/config/dspace.cfg* settings**

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# Email contents Settings

Files email contents settings are located at:

`/dspace/config/emails/`

There we need some attention when edit these files:

- It is accept dynamic variables by software {0}
- Commented line (by #) not display in Email
- Email subject set by (Subject:)
- Other Email contents write

# Email contents Settings .....

## Email files :

- bte\_batch\_import\_error
- bte\_batch\_import\_success
- change\_password
- doi\_maintenance\_error
- export\_error
- export\_success
- Feedback
- flowtask\_notify
- harvesting\_error
- internal\_error
- register
- registration\_notify
- request\_item.admin
- request\_item.author
- submit\_archive
- submit\_reject
- submit\_task
- Subscription
- suggest

# Email contents Settings .....

Example of an email file (email for user registration) :

**/dspace/config/emails/register**

```
1 # E-mail sent to DSpace users when they register for an account
2 #
3 # Parameters: {0} is expanded to a special registration URL
4 #
5 # See org.dspace.core.Email for information on the format of this file.
6 #
7 Subject: DSpace Account Registration
8 To complete registration for a DSpace account, please click the link
9 below:
10
11 {0}
12
13 If you need assistance with your account, please email
14 dspace-help@myu.edu or call us at xxx-555-xxxx.
15
16 The DSpace Team
```

# Email dspace.cfg Settings .....

Example of an email file (email for user registration) :

`/dspace/config/dspace.cfg`

There are need to set `jspui` for sending proper dspace url link in emails

- For this find ' # "/code>jspui" and set webapp of your choice as the "ROOT" webapp in ' in `dspace.cfg` file . And set `#dspace.url = http://server_ip_or_name:80/jspui`

# Email dspace.cfg Settings .....

**Email Server and other parameter like:**

- SMTP mail server
- SMTP mail server authentication username and password (if required)
- SMTP mail server alternate port (defaults to 25)
- From address for mail

## **Note:**

- There may be first time should be enable and verify from login in gmail that email sending by your gmail account
- There are also confirm port allow for smtp mail server in firewall (e.g.: 465/567 for gmail smtp server)



# Email dspace.cfg Settings .....

## Email Server and other parameters

```
# SMTP mail server
mail.server = smtp.example.com

# SMTP mail server authentication username and password (if required)
mail.server.username =
mail.server.password =

# SMTP mail server alternate port (defaults to 25)
mail.server.port = 25

# From address for mail
mail.from.address = dspace-noreply@myu.edu

# Name of a pre-configured Session object to be fetched from a directory.
# This overrides the Session settings above. If none can be found, then DSpace
# will use the above settings to create a Session.
#mail.session.name = Session

# Currently limited to one recipient!
feedback.recipient = dspace-help@myu.edu

# General site administration (Webmaster) e-mail
mail.admin = dspace-help@myu.edu

# Recipient for server errors and alerts
alert.recipient =

# Recipient for new user registration emails
registration.notify =

# Set the default mail character set. This may be overridden by providing a line
# inside the email template "charset: <encoding>", otherwise this default is used.
mail.charset = UTF-8

# A comma-separated list of hostnames that are allowed to refer browsers to email forms.
# Default behaviour is to accept referrals only from dspace.hostname
mail.allowed.referrers = localhost

# Pass extra settings to the Java mail library. Comma-separated, equals sign between
# the key and the value. For example:
#mail.extraproperties = mail.smtp.socketFactory.port=465, \
#                       mail.smtp.socketFactory.class=javax.net.ssl.SSLSocketFactory, \
#                       mail.smtp.socketFactory.fallback=false
```

# Language Settings

Language settings :

`/dspace/config/dspace.cfg`

Find the line : `webui.supported.locales = en, de`  
(where en=US English and de=German language)

```
#
# comment out this line if you disable Discovery
plugin.named.org.dspace.app.webui.json.JSONRequest = \
    org.dspace.app.webui.discovery.DiscoveryJSONRequest = discovery,\
    org.dspace.app.webui.json.SubmissionLookupJSONRequest = submissionLookup,\
    org.dspace.app.webui.json.UploadProgressJSON = uploadProgress,\
    org.dspace.app.webui.handle.HandleJSONResolver = hdlresolver

### i18n - Locales / Language ###
# Default Locale
# A Locale in the form country or country_language or country_language_variant
# if no default locale is defined the server default locale will be used.
default.locale = en

# All the Locales, that are supported by this instance of DSpace
# A comma-separated list of Locales. All types of Locales country, country_language, country_language_variant
# Note that the appropriate file are present, especially that all the Messages_x.properties are there
# may be used, e. g: webui.supported.locales = en, de
webui.supported.locales = en, de

#### Submission License substitution variables ####
```

# Language Settings .....

Copy contents from :

**Messages.properties\_de** at

<https://github.com/DSpace/dspace-api-lang/blob/master/src/main/resources>

Create new file **Messages.properties\_de** and paste

Put this file at: /dspace/webapps/jspui/WEB-INF/classes

And restart Apache-Tomcat

# Language Settings .....

Also other files need to be translated (for Submission Form, Licence, News, Emails and Help Files. **\_LOCALE** field replace with **\_de**) :

[Dspace]/modules/jspui/src/main/resources/Messages\_LOCALE.properties

[Dspace]/config/input-forms\_LOCALE.xml

[Dspace]/config/default\_LOCALE.license should be pure ascii

[Dspace]/config/news-top\_LOCALE.html

[Dspace]/config/news-side\_LOCALE.html

[Dspace]/config/emails/change\_password\_LOCALE

[Dspace]/config/emails/feedback\_LOCALE

[Dspace]/config/emails/internal\_error\_LOCALE

[Dspace]/config/emails/register\_LOCALE

[Dspace]/config/emails/submit\_archive\_LOCALE

[Dspace]/config/emails/submit\_reject\_LOCALE

[Dspace]/config/emails/submit\_task\_LOCALE

[Dspace]/config/emails/subscription\_LOCALE

[Dspace]/config/emails/suggest\_LOCALE

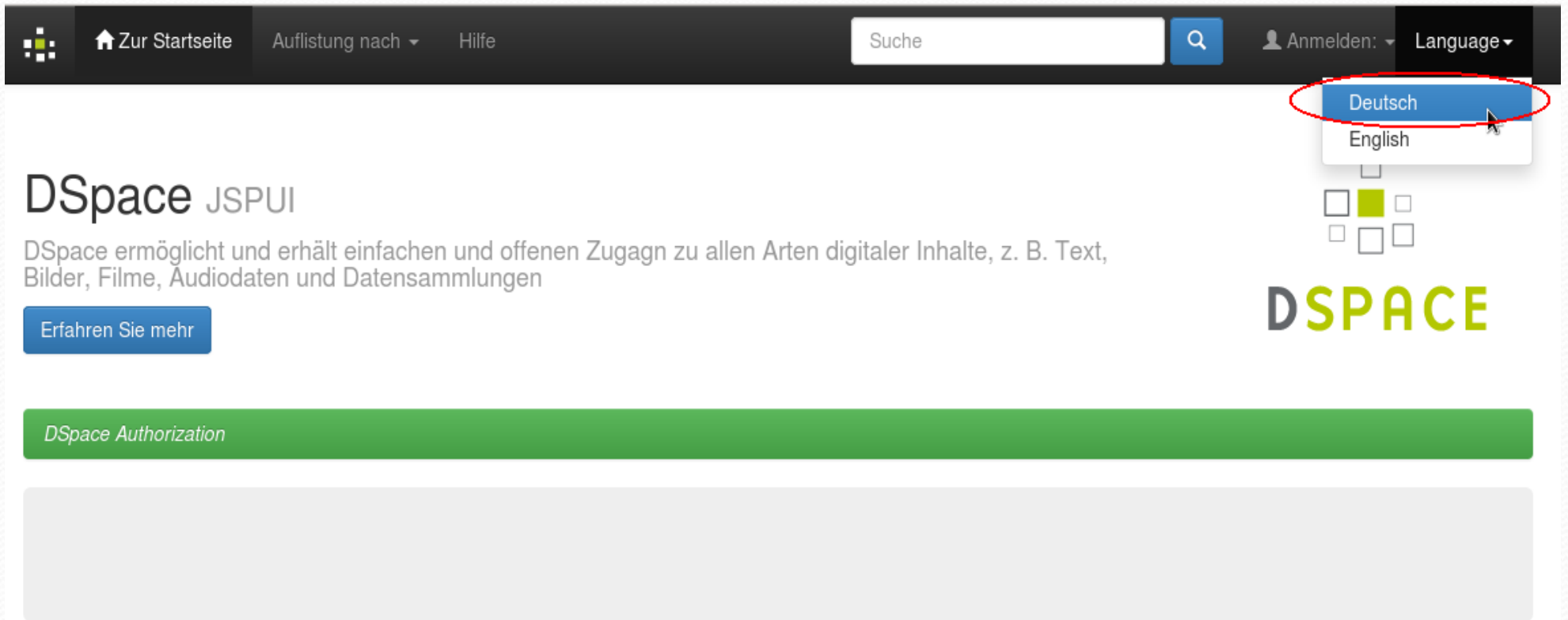
[Dspace]/jsp/help/collection-admin\_LOCALE.html

[Dspace]/jsp/help/index\_LOCALE.html

[Dspace]/jsp/help/site-admin\_LOCALE.html

# Language Settings .....

Language Menu bar display:



The screenshot displays the top navigation bar of the DSpace JSPUI. On the left, there are links for 'Zur Startseite', 'Auflistung nach', and 'Hilfe'. In the center is a search bar labeled 'Suche'. On the right, there are links for 'Anmelden' and 'Language'. The 'Language' dropdown menu is open, showing 'Deutsch' (highlighted with a red circle) and 'English'. Below the navigation bar, the text 'DSpace JSPUI' is displayed, followed by a description: 'DSpace ermöglicht und erhält einfachen und offenen Zugang zu allen Arten digitaler Inhalte, z. B. Text, Bilder, Filme, Audiodaten und Datensammlungen'. A blue button labeled 'Erfahren Sie mehr' is positioned below the description. To the right, the 'DSPACE' logo is visible. At the bottom of the page, there is a green bar with the text 'DSpace Authorization' and a large grey rectangular area below it.

# Language Settings .....

e.g.: with Hindi language

Prepare html entity of Hindi Unicode by software or online tools and prepare Messages.properties\_hi or replace existing Messages.properties

(Online Tool: <http://unicode.online-toolz.com/tools/unicode-html-entities-convertor.php>)

**DSPACE** JSPUI

डीस्पेस सभी प्रकार के चित्र, चलती छवियों, एम. पी. ई. जी. और डेटा सेट पाठ सहित डिजिटल सामग्री आसानी से संरक्षित और बिना बाधा के प्रकाशन कराता है

[Learn More](#)



**DSPACE**

*DSpace Authorization*

डीस्पेस काम कर रहा है

मेरे विश्वविद्यालय अनुसंधान के हमारे डिजिटल रिपॉजिटरी में आपका स्वागत है! यहाँ अधिक समाचार प्रदर्शन किया जा सकता है

# Full Text Search

Change in file /dspace/config/dspace.cfg, find these lines

```
# -1 = unlimited (Integer.MAX_VALUE)
```

```
search.maxfieldlength = 10000
```

Change 10000 to -1

And re-run : /dspace/bin/dspace filter-media

And

/dspace/bin/dspace index-discovery

```
# Maximum number of terms indexed for a single field in Lucene.  
# Default is 10,000 words - often not enough for full-text indexing.  
# If you change this, you'll need to re-index for the change  
# to take effect on previously added items.  
# -1 = unlimited (Integer.MAX_VALUE)  
search.maxfieldlength = 10000  
  
##### Fields to Index for Search #####  
  
# DC metadata elements.qualifiers to be indexed for search  
# format: - search.index.[number] = [search field]:element.qualifier  
#         - * used as wildcard
```

# Other Settings in dspace.cfg

Making file uploading compulsory/optional by submitter:

Set parameter value true (for compulsory) or false (for optional)

- `webui.submit.upload.required = true`  
(If set false then submitter skip file uploading)

Metadata value hiding from normal user (only visible to Administrator):

To designate a field as hidden, add a property here in the form:

- `metadata.hide.SCHEMA.ELEMENT.QUALIFIER = true`

e.g.: `metadata.hide.dc.description.provenance = true`



# Other Settings in dspace.cfg ....

File handle server display in item list page view:

- /dspace/config/dspace.cfg (set ip address or dns instead of localhost)

```
# Canonical Handle URL prefix
#
# By default, DSpace is configured to use http://hdl.handle.net/
# as the canonical URL prefix when generating dc.identifier.uri
# during submission, and in the 'identifier' displayed in JSPUI
# item record pages.
#
# If you do not subscribe to CNRI's handle service, you can change this
# to match the persistent URL service you use, or you can force DSpace
# to use your site's URL, eg.
#handle.canonical.prefix = ${dspace.url}/handle/
#
# Note that this will not alter dc.identifier.uri metadata for existing
# items (only for subsequent submissions), but it will alter the URL
# in JSPUI's 'identifier' message on item record pages for existing items.
#
# If omitted, the canonical URL prefix will be http://hdl.handle.net/
#handle.canonical.prefix = http://localhost:8080/jspui/handle/
# CNRI Handle prefix
handle.prefix = 123456789
# Directory for installing Handle server files
handle.dir = ${dspace.dir}/handle-server
```

# Other Settings in dspace.cfg ....

File handle server display in item list page view:

- /dspace/config/dspace.cfg (set ip address or dns instead of localhost)
- <http://hdl.handle.net/123456789/3> Will display like **<http://localhost:80/jspui/handle/123456789/3>**

Please use this identifier to cite or link to this item: <http://hdl.handle.net/123456789/3>

Title:	Digital Libraries
Authors:	<a href="#">Pund, Mukesh</a>
Issue Date:	2008
URI:	<a href="http://hdl.handle.net/123456789/3">http://hdl.handle.net/123456789/3</a>
Appears in Collections:	<a href="#">Lecture Notes and Presentation</a>

Files in This Item:

# DSpace Discovery

After indexing Discover (set in cron-job), display discovery in Home page and left side of search

```
/dspace/bin/dspace index-discovery
```

Indexing optimize

```
/dspace/bin/dspace index-discovery -o
```

Navigation bar with Home, Browse, Help, Search DSpace, Sign on to, and Language options.

More exciting news to appear here.

## 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.

Information Sciences 1

### Discover

Author

author, lst 1

Date issued

1992 1

# DSpace Discovery

## DSpace Discovery

- The Discovery Module enables faceted searching & browsing for your repository
- Although these techniques are new in DSpace, they might feel familiar from other platforms like Aquabrowser or Amazon, where facets help you to select the right product according to facets like price and brand

**More Details:** <https://wiki.duraspace.org/display/DSDOC4x/Discovery>

# DSpace Advance Search (Facet Search)

For normal search click on **Search Icon**



A screenshot of a web browser showing the DSpace JSPUI search bar. The browser address bar displays "192.168.8.127:8080/jspui/". The search bar is located in the top navigation bar and contains the text "Search DSpace". To the right of the search bar is a blue search icon, which is highlighted with a red box. To the left of the search bar are navigation links: "Home", "Browse", and "Help". To the right of the search bar are links for "Sign on to:" and "Language".

## 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 Authorization*

# DSpace Advance Search ...

Result will be display as:

192.168.8.127:8080/jspui/simple-search?query=

Home Browse Help

Search DSpace

Sign on to: Language

Learn More

DSpace

DSpace Authorization

## Search

Search: All of DSpace

for

Go

Start a new search

Add filters:

Use filters to refine the search results.

Title

Equals

Add

Results/Page 10

Sort items by Relevance

In order Descending

Authors/record All

Update

## Discover

Author

Pund, Mukesh

1

Date issued

2008

1

Results 1-3 of 3 (Search time: 0.001 seconds).

# Advance Search (Facet Search).....

In Advance Search also correcting spell check

The screenshot shows a web browser window with the URL `192.168.8.127:8080/jspui/simple-search?query=`. The page header includes navigation links for Home, Browse, and Help, a search bar labeled "Search DSpace", and user options for "Sign on to:" and "Language". The DSPACE logo is prominently displayed in the top right.

The main search area is titled "Search" and features a dropdown menu set to "All of DSpace" and a text input field labeled "for". A blue callout bubble labeled "Search value" points to this input field. Below the input field are "Go" and "Start a new search" buttons.

Underneath the search bar is a section for "Add filters:". It includes the instruction "Use filters to refine the search results." and a filter configuration row with "Title" and "Equals" dropdowns, an empty text input, and an "Add" button. A blue callout bubble labeled "Add more Filter as (Facet Search)" points to this section.

At the bottom of the search area, there are controls for "Results/Page" (set to 10), "Sort items by" (set to Relevance), "In order" (set to Descending), "Authors/record" (set to All), and an "Update" button. A blue callout bubble labeled "Sorting or limit result on a page" points to these controls.

On the right side of the page, a "Discover" sidebar shows two facets: "Author" with the result "Pund, Mukesh" (count 1) and "Date issued" with the result "2008" (count 1).

At the bottom of the page, a light blue bar displays the text "Results 1-3 of 3 (Search time: 0.001 seconds)."

# RSS Feed

## What is RSS?

- RSS stands for Really Simple Syndication
- RSS allows you to syndicate your site content
- RSS defines an easy way to share and view headlines and content
- RSS files can be automatically updated
- RSS allows personalized views for different sites
- RSS is written in XML

## Why use RSS?

- RSS was designed to show selected data
- Without RSS, users will have to check your site daily for new updates. This may be too time-consuming for many users. With an RSS feed (RSS is often called a News feed or RSS feed) they can check your site faster using an RSS aggregator (a site or program that gathers and sorts out RSS feeds)

**Source:** [http://www.w3schools.com/rss/rss\\_intro.asp](http://www.w3schools.com/rss/rss_intro.asp)



# RSS Feed .....


## Who Should use RSS?

- Webmasters who seldom update their web sites do not need RSS!
- RSS is useful for web sites that are updated frequently, like:
  - News sites - Lists news with title, date and descriptions
  - Companies - Lists news and new products
  - Calendars - Lists upcoming events and important days
  - Site changes - Lists changed pages or new pages

**Source:** [http://www.w3schools.com/rss/rss\\_intro.asp](http://www.w3schools.com/rss/rss_intro.asp)


# RSS Feed .....




- Without RSS Feed reader display Community/Collection, when click on RSS feed button in XML format
- If click on Subscribe (in blue color) button, this will reminder you in user email id if any update in subscribed Community/Collection

Digital Library Collection home page 

Browse

Issue Date Author Title Keyword Reference No.

Subscribe to this collection to receive daily e-mail notification of new additions 

 192.168.8.125:8080/jspui/feed/atom\_1.0/123456789/3

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<?xml version="1.0" encoding="UTF-8" ?>
<feed xmlns="http://www.w3.org/2005/Atom" xmlns:dc="http://purl.org/dc/elements/1.1/">
  <title>DSpace Collection:</title>
  <link rel="alternate" href="http://192.168.8.125:8080/jspui/handle/123456789/3" />
  <subtitle/>
  <id>http://192.168.8.125:8080/jspui/handle/123456789/3</id>
  <updated>2015-02-04T12:17:53Z</updated>
  <dc:date>2015-02-04T12:17:53Z</dc:date>
</feed>
```



# RSS Feed .....

Click on Subscribe button

192.168.8.124:8080/jspui/feed/rss\_2.0/123456789/3

Most Visited ▾ Centos Wiki Documentation Forums DSpace Commun... ▾ DSpace Collection: ▾

Computer networks

Subscribe to this feed using Live Bookmarks

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Subscribe Now

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**DSpace Collection:**

[Test2](#)  
01/04/1999 05:30 AM  
Title: Test2 Authors: Test2 Abstract: Test2 Description: Test2

[Test](#)  
Title: Test Authors: Test, Test Abstract: Test Description: Test

# RSS Feed .....

After click on Subscribe button, display pop-up. After clicking Subscribe button Display in Toolbar (Bookmark Menu bar also)

Subscribe to this feed using

Always use Live Bookmarks to subscribe to feeds.

**Dspace Collection:**

[Test2](#)  
01/04/1999 05:30 AM

Title: Test2 Authors: Test2 Abstract: Test2 Description: Test2

[Test](#)  
Title: Test Authors: Test, Test Abstract: Test Description: Test

**Subscribe with Live Bookmark**

Name:

Folder:

192.168.8.124:8080/jspui/feed/rss\_2.0/123456789/3

Most Visited  Centos  Wiki  Documentation  Forums  Dspace Commun...  Dspace Collection:  Dspace Collection:







Thanks