

# The Invenio User Interface

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## End-Users Features Overview

### Navigable collection trees

- Collections

- Flexible Metadata

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- Powerful search engine

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  - ▶ customizable input, formatting and linking
- ▶ personalization and collaborative features:
  - ▶ groups, reviews, comments, baskets, alerts

# Collections

- ▶ Documents organized in collections: a collection can be defined with any query and can be restricted to any group of users, to IP domains or be public
- ▶ Customizable interfaces for each collection:
  - ▶ Flexible metadata to represent all type of objects
  - ▶ Flexible output formats (display and linking)
- ▶ Collections organized in regular, virtual or hosted trees
  - ▶ Regular collections are organized according to type of document
  - ▶ Virtual collections can be created according to any query (keywords, subject, author, etc)
  - ▶ Hosted collections can belong to other instances of Invenio
- ▶ Integrated external collection searching

Each collection can display records in its own way

## Photos

**Search:**  
     
[Search Tips](#) :: [Advanced Search](#)

**Search collections:**

**Sort by:**  **Display results:**   **Output format:**

**Photos** 1/8 records found 1 - 12 >>> jump to record:  Search took 0.23 seconds.





# Collection interfaces



Home

## CERN Document Server

Over **800,000** bibliographic records, including **360,000** fulltext documents, of interest to people working in particle physics and related areas.  
Covers preprints, articles, books, journals, photographs, and much more.

Search 886830 records for:

[Search Tips](#) :: [Advanced Search](#)

Narrow by collection:

- [Articles & Preprints](#) (729550)
  - [Published Articles](#) (276359)
  - [Preprints](#) (368927)
  - [Theses](#) (42700)
  - [Reports](#) (5452)
  - [CERN Internal Notes](#) (10832)
  - [Committee Documents](#) (26856)
- [Books & Proceedings](#) (60662)
  - [Books](#) (36573)
  - [Proceedings](#) (16539)
  - [Standards](#) (7553)
- [Presentations & Talks](#) (13348)
  - [Conference Announcements](#) (12913)
  - [Academic Training Lectures](#) (539)
  - [Summer Student Lectures](#) (386)
  - [General Talks](#) (33)
  - [Video tapes](#) (299)
- [Periodicals & Progress Reports](#) (3451)

Focus on:

- [CERN Articles & Preprints](#) (90546)
- [CERN Published Articles](#) (47788)
- [CERN Preprints](#) (12430)
- [CERN Theses](#) (2512)
- [CERN Reports](#) (1059)
- [Committee Documents](#) (26856)
- [CERN Series](#) (1996)
- [CERN Yellow Reports](#) (1104)
- [Academic Training Lectures](#) (539)
- [Summer Student Lectures](#) (386)
- [General Talks](#) (33)
- [CERN Departments](#) (63144)
- [Accelerator Technology \(A\)](#) (4677)
- [Accelerators & Beams \(AB\)](#) (15149)
- [Finance \(FI\)](#) (725)
- [Human Resources](#) (29)

## Educa Document Server Demo

Suchen durch 1.916 Datensätze nach:

alle Felder

Suchen

Durchblättern

[Suchtips](#) :: [Erweiterte Suche](#)

### Einschränken nach Sammlungen:

- Berichte** (237)
  - [Monographien](#) (128) [Artikeln](#) (7)
  - [Bibliographien](#) (4) [Statistiken](#) (98)
- Gesetzgebung** (351)
  - [Gesetzesentwürfe - Botschaftern](#) (1)
  - [PH-Gesetzgebung](#) (43)
  - [FH-Gesetzgebung](#) (1)
  - [Schulgesetzgebung](#) (167)

### Hinweis auf:

- EDK-Regionen** (7)
  - [BKZ](#) (1) [EDK-Ost](#) (2) [NW EDK](#) (3)
  - [CIIP](#) (4)
- Kantone** (337)
  - [AG](#) (23) [AI](#) (10) [AR](#) (8) [BE](#) (37) [BL](#) (11)
  - [BS](#) (15) [FR](#) (23) [GE](#) (13) [GL](#) (5) [GR](#) (17)
  - [JU](#) (16) [LU](#) (20) [NE](#) (14) [NW](#) (14) [OW](#) (13)
  - [SO](#) (14) [SH](#) (13) [SO](#) (26) [SZ](#) (14) [TG](#) (17)



visitant :: sessió :: alertes :: cistells :: identificació

Pàgina inicial

## Dipòsit Digital de Documents de la UAB - Servei de Biblioteques

### NOTÍCIES I NOVETATS

El Dipòsit recull documentació digital del Servei de Biblioteques i permet la cerca conjunta de les diferents col·leccions. Us animem a provar-ho!

Cercar en 12.397 registres per

[Consells de cerca](#) :: [Cerca avançada](#)

### Limitar per col·lecció:

- UABPubD : Publicacions Digitals de la UAB** (3.804)  
Revistes científiques (3.597) Butlletins corporatius (12) Llibres i col·leccions (6) Eines d'Innovació Docent en Educació Superior (4) Butlletins d'estudiants (1) Altres publicacions (5) Expositors de les Biblioteques UAB (175)
- Materials de curs** (2.654)  
Guies de l'estudiant (18) Programes de curs (1.493) Exàmens (1.338)
- Àudio i vídeo** (96)  
Produccions de la Facultat de Ciències de la Comunicació (79) Publicitat institucional UAB (4) Publicitat (13)
- Llengua i literatura catalanes** (1.921)  
Història i crítica de la narrativa catalana contemporània (1.295) Traducció i recepció de les literatures estrangeres a la literatura catalana, 1892-1939 (626)
- Documentació política** (99)  
Premsa política clandestina (99)
- Documentació empresarial** (75)  
Informes anuals (9) Declaracions mediambientals (66) Informes de sostenibilitat (0)

"When it was proclaimed that the Library contained all books, the first impression was one of extravagant happiness..." Borges Fiction



Librarian role has changed and search engines are now the central points to reach information

## Powerful search engine

- ▶ The "heart" of the System
- ▶ Specially designed indexes to provide Google-like search speeds for repositories of a few million records
- ▶ Customizable simple and advanced search interfaces
- ▶ Combined metadata, full-text and citation search in one go
- ▶ Results clustering by collection

## Search Modes

- ▶ Google like syntax
- ▶ Search via fields (author:, year: ...)
- ▶ Search via MARC (8564\_u: ...)
- ▶ Kind of seaches
  - ▶ Any words (foo bar ...)
  - ▶ Exact phrase ("foo bar", 'foo bar' ...)
  - ▶ Regular expression(/foo.\*bar/ ...)
- ▶ Boolean queries(foo and bar ...)
- ▶ Parentheses((foo and bar) or (baz and bar)...) )
- ▶ Stemming (*muon* → *muonandmuons* ...)
- ▶ Author-smart ("Gys, T\*" ...)
- ▶ See also: <http://cdsweb.cern.ch/help/search-tips>

## Simple Search

Default interface is google-like, with some additional options:

Search 970,254 records for:

  
    
[Search Tips](#) :: [Advanced Search](#)

### CERN Document Server

Search:

  
    
[Search Tips](#) :: [Advanced Search](#)

Search collections:

Sort:		Display results:		Output format:
<input type="text" value="latest first"/>	<input type="text" value="desc."/>	<input type="text" value="10 results"/>	<input type="text" value="HTML brief"/>	
<input type="text" value="- or rank by -"/>		<input type="text" value="split by collection"/>		

## Advanced Search

Combination of multiple search terms in many different ways is also possible:

Search 990,971 records for:

All of the words:	<input type="text" value="KIST"/>	<input type="text" value="any field"/>	<input type="text" value="AND"/>
All of the words:	<input type="text"/>	<input type="text" value="any field"/>	<input type="text" value="AND"/>
Any of the words:	<input type="text"/>	<input type="text" value="any field"/>	<input type="text" value="AND"/>
Exact phrase:	<input type="text"/>	<input type="text" value="any field"/>	<input type="text" value="AND"/>
Partial phrase:	<input type="text"/>	<input type="text" value="any field"/>	<input type="text" value="AND"/>
Regular expression:	<input type="text"/>	<input type="text" value="any field"/>	<input type="text" value="AND"/>

[Search Tips](#) :: [Simple Search](#)

Added/modified since:  until:

Added since:

Sort by:



## Sorting and ranking

- ▶ Search results can be sorted by any field: for the results to be meaningful, the values in the field must follow consistent conventions...
- ▶ If the list of results is too long, sorting is time consuming
- ▶ Many ranking options are available
  - ▶ by freshness (default)
  - ▶ by word similarity
  - ▶ by number of downloads
  - ▶ by number of citations
- ▶ Specific format (CiteSummary) provides a very useful view for authors on their own production

# 22 languages

Statistics generated on Wednesday 24 Sep 2008 18:57:53 +0000:

Translation	Messages	Translated	Fuzzy	Untranslated	Status Overview	Last Updated
Afrikaans (af.po)	1121	0 (0.0%)	0 (0.0%)	1121 (100.0%)		2006-10-12 17:50+0200 by Christopher Parker
Български (bg.po)	1121	938 (83.7%)	36 (3.2%)	147 (13.1%)		2008-03-27 02:25+0200 by Nikolay Dyankov
Català (ca.po)	1121	1121 (100.0%)	0 (0.0%)	0 (0.0%)		2008-08-27 08:01+0200 by Ferran Jorba
Česky (cs.po)	1121	99 (8.8%)	335 (29.9%)	687 (61.3%)		2008-02-29 14:34+0100 by Tibor Simko
Deutsch (de.po)	1121	772 (68.9%)	224 (20.0%)	125 (11.2%)		2008-02-28 18:33+0100 by Benedikt Koepfel
Ελληνικά (el.po)	1121	1077 (96.1%)	31 (2.8%)	13 (1.2%)		2008-03-11 12:15+0100 by Theodoropoulos Theodoros
Español (es.po)	1121	1121 (100.0%)	0 (0.0%)	0 (0.0%)		2008-08-27 08:00+0200 by Ferran Jorba
Français (fr.po)	1121	1121 (100.0%)	0 (0.0%)	0 (0.0%)		2008-08-18 07:39+0200 by Jérôme Caffaro
Galego (gl.po)	1121	0 (0.0%)	0 (0.0%)	1121 (100.0%)		2006-10-12 17:50+0200 by Pablo Vazquez Caderno
Hrvatski (hr.po)	1121	779 (69.5%)	208 (18.6%)	134 (12.0%)		2008-02-29 15:34+0100 by Alen Vodopivec
Magyar (hu.po)	1121	14 (1.2%)	0 (0.0%)	1107 (98.8%)		2008-07-03 22:58+0200 by Eva Papp
Italiano (it.po)	1121	1121 (100.0%)	0 (0.0%)	0 (0.0%)		2008-08-18 09:41+0200 by Samuele Kaplun
日本語 (ja.po)	1121	830 (74.0%)	146 (13.0%)	145 (12.9%)		2008-06-13 13:00+0100 by Marko Numimaki
Norsk/Bokmål (no.po)	1121	1121 (100.0%)	0 (0.0%)	0 (0.0%)		2008-07-10 13:15+0200 by Lars Christian Raae
Polski (pl.po)	1121	1121 (100.0%)	0 (0.0%)	0 (0.0%)		2008-09-24 15:55+0200 by Zbigniew Leonowicz
Português (pt.po)	1121	715 (63.8%)	348 (31.0%)	58 (5.2%)		2008-03-26 15:56+0100 by Joaquim Silvestre
Русский (ru.po)	1121	336 (30.0%)	271 (24.2%)	514 (45.9%)		2008-02-29 14:25+0100 by Iaroslav Gaponenko
Slovensky (sk.po)	1121	742 (66.2%)	200 (17.8%)	179 (16.0%)		2008-02-29 14:29+0100 by Tibor Simko
Svenska (sv.po)	1121	886 (79.0%)	148 (13.2%)	87 (7.8%)		2008-06-06 15:55+0100 by Marko Numimaki
Українська (uk.po)	1121	99 (8.8%)	335 (29.9%)	687 (61.3%)		2008-02-29 15:25+0100 by Tibor Simko

## How to add a new translation

- ▶ Create a POT file, starting from the cds-invenio.pot template
- ▶ About 1150 text strings need translation
- ▶ Send it to cds.support@cern.ch for integration in the Invenio distribution
- ▶ #: modules/miscutil/lib/dateutils.py:168  
msgid "Monday"  
msgstr ""  
#: modules/miscutil/lib/dateutils.py:169  
msgid "Tuesday"  
msgstr ""

## Your Account

### Your Account

You are logged in as kaplun. You may want to a) [logout](#); b) edit your [account settings](#).

### Your Messages

You have 0 new messages out of 2 messages.

### Your Baskets

You have 1 personal baskets and are subscribed to 4 group baskets and 1 other users public baskets.

### Your Alert Searches

You own the following alerts:

### Your Searches

You have made 156 queries. A [detailed list](#) is available with a possibility to (a) view search results and (b) subscribe to an automatic email alerting service for these queries.

### Your Groups

You can consult the list of [your groups](#) you are administering or are a member of.

### Your Submissions

You can consult the list of [your submissions](#) and inquire about their status.

### Your Approvals

You can consult the list of [your approvals](#) with the documents you approved or refereed.

### Your Administrative Activities

You are enabled to the following roles: [CERN\\_Bulletin\\_Publishers](#), [webaccessadmin](#), [mediaarchivadmin](#), [bibeditadmin](#).

Here are some interesting web admin links for you:

[Configure WebAccess](#)

[Run BibEdit](#)

For more admin-level activities, see the complete [Admin Area](#).

# Your Account!



## Commenting

- ▶ Users can add comments to any record they can access in the system
- ▶ Comments can be read by any user who can access the record
- ▶ Users can subscribe to receive email notifications when new comments relative to selected records are submitted
- ▶ Users can report administrators about abusive use of the commenting option



## Record 74

[\(Back to search results\)](#)

Quasinormal modes of Reissner-Nordstrom Anti-de Sitter Black Holes / [Wang, B.](#); [Lin, C.Y.](#)

[Abdalla, E.](#) [[hep-th/2005295](#)]

Complex frequencies associated with quasinormal modes for large Reissner-Nordström Anti-de Sitter black holes have been computed. [...]

<http://documents.cern.ch/cgi-bin/setlink?base=preprint&categ=hep-th&id=0003295>

[Detailed record](#) - [Similar records](#)

## Comment

There is a total of 5 comments

[Write a comment](#)

[acmir](#) wrote on 09 Jan 2006, 09:48

My comment

[Reply](#) | [Report abuse](#)

[acmir](#) wrote on 11 Jan 2006, 16:02

admin wrote on 10 Jan 2006, 09:48:

My comment

no!

[Reply](#) | [Report abuse](#)

[acmir](#) wrote on 11 Jan 2006, 16:02

admin wrote on 11 Jan 2006, 16:02:

admin wrote on 10 Jan 2006, 09:48:

My comment

no!

indeed

[Reply](#) | [Report abuse](#)

# Reviewing

- ▶ Users can rate the quality of a document: from 1 to 5 stars
- ▶ Average number of stars is calculated and displayed by the system next to the rated records
- ▶ Reviews can be enriched with a commenting text
- ▶ Other mechanisms for more formal reviewing (not by any users) can also be set up (through the Submission modules)
- ▶ Recommendation option: "people who viewed this page also viewed..."

People who viewed this page also viewed:

- (1) [The Feynman lectures on physics](#) - [Feynman, Richard Phillips](#) et al
- (2) [Learning Windows server 2003 2nd ed. :](#) - [Hassell, Jonathan](#)
- (2) [With the unveiling of its new sign, the CERN Control Centre was officially inaugurated on Thursday 16 March.](#) - [T-UDS-AVC Team](#) - CERN-VIDEOCLIP-2006-08
- (2) [Liability hedging and portfolio choice](#) - [Schereb, Bernd](#)
- (2) [Conduite de projet Web2e éd. :](#) - [Bcrdaqe, Stephane](#)

Rate this document:

Average review score: ★★★★★ based on 1 reviews

Readers found the following reviews to be most helpful.

★★★★★ **A wonderful (and fun) guide to Common Lisp**

Reviewed by [jsj](#) on 14 Nov 2006, 17:48

0 out of 0 people found this review useful

(Test.) I've been recommending this text to people who want to start learning Common Lisp since it was first available in draft form on the author's web site. Now that it's out in print, I can enthusiastically recommend that anybody who is interested in learning Common Lisp - or even curious about how the language can improve your productivity - purchase it.

Peter has a very enjoyable and easy-to-understand writing style, and he starts early with practical examples that show how Common Lisp can be used to solve problems. Chapter 3, "A Simple Database", is a great explanation of how programs are grown from pieces in Common Lisp to solve large problems. It's presented early and draws people in to the problem solving techniques used when programming in Lisp.

[Report abuse](#)

Was this review helpful? [Yes](#) / [No](#)



## Group Baskets

The Round Nantucket



- ▶ Personal, group and public baskets can be created/shared by users
- ▶ Baskets can be organized by topics
- ▶ Baskets can be filled in automatically with alerts
- ▶ Different use cases: e.g. personal library, dissemination of private records, tool to re-organize collections, etc

## Display baskets



Personal baskets



Group baskets

General computing (3)

Science (2)

Grid (2)

Security (1)

Linux (1)

My publications (1)

There are 3 baskets:

- [mysql](#) - updated on 09 Feb 2006, 16:42
- [Python](#) - updated on 09 Feb 2006, 17:00
- [ada](#) - updated on 06 Feb 2006, 15:51

[Create new basket](#)



[Manage rights](#)



mysql

2 records - last update: 09 Feb 2006, 16:42

2 comments

last comment: 10 Feb 2006, 16:45

**Infrared constraints on the dark mass concentration observed in the cluster Abell 1942 / [Gray, M E et al.](#) [[astro-ph/0014311](#)]**

We present a deep H-band image of the region in the vicinity of the cluster Abell 1942 containing the puzzling dark matter concentration detected in an optical weak lensing study by Erben et al. [...]

<http://doc.merts.cern.ch/cgi-bin/setlink?base=preprint&categ=astro-ph&id=0101431>

2 comments; last: 10 Feb 2006, 16:45

[Details and comments](#)

**Physics at the front-end of a neutrino factory : a quantitative appraisal / [Marqano, M L et al.](#) [CERN-TH-2001-131] [[hep-ph/0105155](#)]**

We present a quantitative appraisal of the physics potential for neutrino experiments at the front-end of a muon storage ring [...]

<http://doc.merts.cern.ch/cgi-bin/setlink?base=preprint&categ=hep-ph&id=C105155>

0 comments; last: N/A

[Details and comments](#)

Sort by: title | next

## Your Groups

**You are an administrator of the following groups:**

Group	Description
You are not an administrator of any groups.	

Create new group

**You are a member of the following groups:**

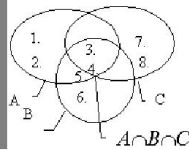
Group	Description
You are not a member of any groups.	

Join new group

Leave group

**You are a member of the following external groups:**

Group	Description
cds_users-members [CERN]	cds_users-members@cern.ch (CERN Mailing list)
bulletin-alerting-members [CERN]	bulletin-alerting-members@cern.ch (CERN Mailing list)
ccnet-members [CERN]	ccnet-members@cern.ch (CERN Mailing list)
cds-admin-members [CERN]	cds-admin-members@cern.ch (CERN Mailing list)
cern-fellows-members [CERN]	cern-fellows-members@cern.ch (CERN Mailing list)
club.martina-its-members [CERN]	club.martina-its-members@cern.ch (CERN Mailing list)



# Alerts

- ▶ Users can set up an alert for a given query and integrate it with a basket
- ▶ Email will be sent when a new record matching the query is added to the collections

## Your Alerts

Set a new alert from [your searches](#), the [popular searches](#), or the input form.

No	Name	Search checking frequency	Notification by email	Result in basket	Date last run	Creation date	Query	Action
#1	<b>CERN Bookshop</b>	weekly	yes	- no basket -	30 Jun 2008, 00:00	17 Sep 2007, 00:00	<b>Collection:</b> CERN Bookshop	<a href="#">Remove</a> <a href="#">Modify</a> <a href="#">Execute search</a>
#2	<b>computing</b>	weekly	yes	- no basket -	30 Jun 2008, 00:00	14 Mar 2007, 00:00	<b>Pattern:</b> computing <b>Collection:</b> Books	<a href="#">Remove</a> <a href="#">Modify</a> <a href="#">Execute search</a>

You have defined 2 alerts.

## Users can also use RSS feeds

CERN Document Server - Mozilla Firefox

File Modifica Visualizza Cronologia Segnalibri Strumenti Guida

http://cdsweb.cern.ch/rss?cc=Books

CDS Any field Search CERN Document Server Catalog Clear Scholar

Abbonati a questo feed utilizzando Segnalibri Live

Utilizza sempre Segnalibri Live per l'abbonamento ai feed.

Abbonati adesso

**CERN Document Server** CDS

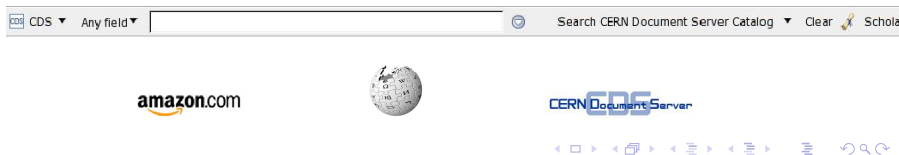
CERN Document Server latest documents

[Local And Global Analysis of Nonlinear Dispersive And Wave Equations](#)  
07/04/08 04:47

[The Complete Guide to Starting and Running a Bookshop](#)  
07/04/08 04:47

[Fields, Symmetries, and Quarks](#)  
07/04/08 04:47

- ▶ CDS-Invenio can be integrated with Firefox and IExplorer browsers
- ▶ OpenURL and libX extensions enrich user experience with:
  - ▶ automatic linking from Amazon or Worldcat to records in your collection (if it exists)
  - ▶ highlighted text in the browser can be used to directly query your Invenio installation (left click)
  - ▶ a nice graphical interface (3-dimension wall) to browse pictures and videos
  - ▶ a CDS toolbar on the top of your browser:  
<http://libx.org/editions/download.php?edition=4F46CD81> :



## Conclusion

- ▶ Invenio Search engine is ultra-fast and modular
- ▶ Very rich environment for users, with extensive features
- ▶ To make the best out of it, the quality of the records metadata and associated full-text should be optimal
- ▶ We will see how this can be achieved tomorrow...