




UNIVERSITY OF Hull

Blacklight  **blacklight**

- Background
- What is Blacklight and what can it do?
 - Functionality
 - Technology
- Blacklight and catalogues
- Blacklight and repositories
- Community

Blacklight | 24 Janvier 2012 | 2

The image shows a white rectangular area with a thin black border. At the top right, there is a small University of Hull logo. Below it, the word 'Blacklight' is written in a red serif font, followed by a blue sunburst logo and the word 'blacklight' in a bold, black sans-serif font. A horizontal line is drawn below this header. The main body of the slide contains a bulleted list of topics. At the bottom right, there is a footer line with the text 'Blacklight | 24 Janvier 2012 | 2'.

Background

- The NINES digital humanities publishing initiative at University of Virginia (UVa)
 - Collex project within this aimed to provide a user interface to a collection of 19th century documents
- UVa wanted to create a better interface for their library catalogue
- The Collex interface was developed to create Blacklight
 - a more general discovery solution
- Blacklight was made open source in 2008
 - UVa stimulated a community to support this

Blacklight today

- Blacklight is now used as a library catalogue interface at a number of Universities
 - UVa, Stanford, Johns Hopkins, (Hull)...
- Blacklight is an active community helping to develop the software further
- Others are using Blacklight for different purposes
 - Rock'n'Roll Hall of Fame, Northwestern Digital Archive...
 - Hydra project (repositories)
 - WGBH television channel

What is Blacklight?

- Blacklight is a 'next generation' discovery interface
 - It continues to be improved
- It is free and open source
- It is an interface built on Apache Solr
 - And offers all the functionality that this offers
- It is designed for use with single or mixed collections (e.g., library, archives, images, videos, etc.)
 - It is designed to be customised to meet your local requirements
- It is a Ruby on Rails application

Blacklight?

Solr + UVa = Blacklight

Blacklight is being actively improved

- Since being made available in 2008 it has developed steadily
 - Version 2.0 – March 2009
 - Version 2.5 – May 2010
 - Version 3.0 – July 2011
 - Version 3.2 (current) – December 2011
- Over 20 developers from across different Universities are contributing to the creation and improvement of Blacklight
 - Top 10% of active open source projects
 - www.ohloh.net/p/blacklight

Blacklight is free

- Blacklight is licensed under the Apache 2.0 Software License
 - Anyone can make use of Blacklight
 - Anyone can adapt Blacklight to meet their needs
 - Anyone can share their version of Blacklight
 - So long as they also use the Apache 2.0 license
 - So long as they make it clear what changes they have made
- This ensures that the flexibility within the system can be put into practice without any concern

Blacklight is built on Apache Solr

- Solr offers
 - Faceted browsing
 - Plugin architecture
 - This allows local changes
 - Relevance based searching
 - The algorithm can be adjusted locally
 - Advanced full text search
 - Geospatial search
 - Multiple search indexes
- Extending the capability of Lucene

What else can Blacklight do?

- Static URLs for all search and record pages
 - Allows bookmarking and tagging
- Personal search history
- RSS and Atom version of any search
- Results sorting
- Export to RefWorks/EndNote
- Export as a citation
- Support Unicode and non-Roman scripts
- COinS are embedded in each item
- Embedded Google APIs (e.g., Book Preview)

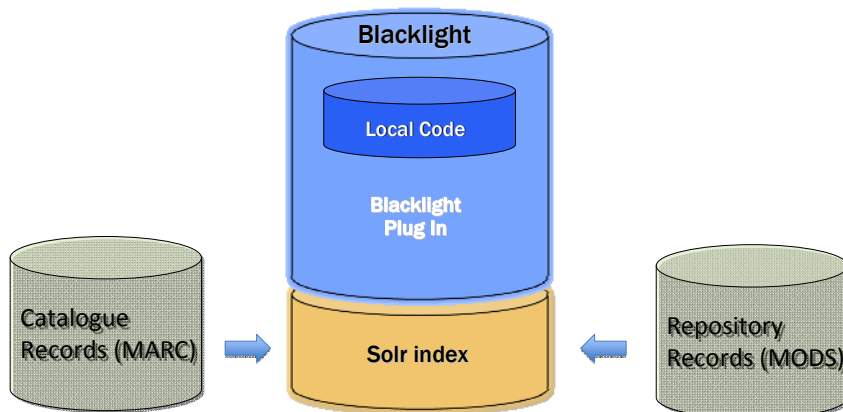
Blacklight is designed for use with single or mixed collections

- Blacklight was initially designed to work with MARC records
 - solrMarc is a related project that indexes MARC records into Solr
 - Default solution out of the box
- Blacklight can also be used for other types of record
- For example,
 - EAD archive records
 - MODS metadata records
 - Video files
 - Music
 - ...or a mixture of these

Four key capabilities

- Support for any type of record or metadata
- Object-specific behaviours
 - Books, images, videos, music, manuscripts, etc.
- Specific views for domain or discipline-specific materials
- Easy to add different views, and override the core system with local modifications

Blacklight is a Ruby on Rails application



A note on Ruby

- *Rapid* application development for web applications
 - 10x productivity
- Supportable
 - MVC (Model-View-Controller) structure separates data from logic from presentation
- Testable
 - Rspec/Cucumber are powerful, automatable test coverage tools
- Learnable
 - 1 week learning curve to basic proficiency

Testing

- Blacklight community principles
 - <https://github.com/projectblacklight/blacklight/wiki/Community-principles>
- All contributed code must have full test coverage before it is committed.
- Tests must be committed at the same time code is.
- All bugs and development tasks will be tracked in JIRA.
- All code must be documented before it's committed

Open technology development

- JIRA used for tracking issues
 - <http://jira.projectblacklight.org/>
- Hudson used for continuous integration and testing of code
 - <http://hudson.projectblacklight.org/>
- Open code repository at github
 - <https://github.com/projectblacklight/>
- Wiki providing documentation for use
 - <https://github.com/projectblacklight/blacklight/wiki>
- Google Group
 - blacklight-development@groups.google.com
- Website
 - <http://projectblacklight.org>

JIRA

Summary

Description

Lead: [Jessie Keck](#)

Key: [CODEBASE](#)

Issues: Due

- [CODEBASE-243](#) publish rdoc to rubydoc.info Due Date: 30/Aug/10
- [CODEBASE-292](#) the hudson server should automatically update the demo app Due Date: 21/Mar/11
- [CODEBASE-11](#) Book Cover fetching

Issues: 30 Day Summary

Activity Stream

December 15

[James Stuart](#) updated 2 fields of [CODEBASE-386](#) (easy custom field value method checking) saying:
this is about making it such that there is an auto-checked method for adding custom logic to what value should be displayed.
such that if there was a field defined in config such `holdings_info` and there was a helper function: `holdings_info_field_custom_value` it would call that rather than `document.get('holdings_info')` to get the value.

Hudson

S	W	Job	Last Success	Last Failure	Last Duration
		Blacklight	1 day 5 hr (#122)	N/A	7 min 40 sec
		Blacklight_Ruby1.6_Rails3.1	9 days 3 hr (#27)	1 day 5 hr (#74)	13 min
		Blacklight_Rails3.0	3 mo 10 days (#10)	3 mo 11 days (#11)	7 min 8 sec
		Blacklight_Ruby1.9.2_Rails3.1	1 day 5 hr (#70)	N/A	5 min 49 sec
		RSolr	9 days 6 hr (#13)	N/A	1 min 4 sec
		RSolr-test	1 mo 16 days (#6)	1 mo 16 days (#5)	1 min 57 sec
		SolrMac	2 days 1 hr (#107)	9 days 3 hr (#105)	1 min 44 sec
		stanford-solr-marc CORE code	1 day 5 hr (#18)	2 days 21 hr (#13)	1 min 21 sec
		stanford-solr-marc SITE code	1 day 5 hr (#16)	8 days 22 hr (#7)	9 min 11 sec

Legend: for all for failures for just latest builds

Github

github [Signup and Pricing](#) [Explore GitHub](#) [Features](#) [Blog](#) [Login](#)

projectblacklight / blacklight [Watch](#) [Fork](#) [109](#) [23](#)

Code Network Pull Requests 0 Issues 1 Wiki 23 Stats & Graphs


Blacklight Plugin — Read more
<http://projectblacklight.org/>

[ZIP](#) [HTTP](#) [Git Read-Only](#) <https://github.com/projectblacklight/blacklight.git> Read-Only access

Files Commits Branches 19 Tags 23 Downloads Current branch: [master](#)

Latest commit to the **master** branch

relax the gemspecs to allow Rails 3.1 or 3.2.

 cbeer authored 1 day ago [commit e4593cb9f8](#)

blacklight /

name	age	message	history
app	January 12, 2012	Facet helper tweaks to make overriding behaviors easier. [cbeer]	
config	June 16, 2011	the result of running magic_encoding gem from / - this sets the encod... [Dan Funk]	
db	June 16, 2011	the result of running magic_encoding gem from / - this sets the encod... [Dan Funk]	
install	February 12, 2010	Fixing the solr.yml file that gets copied to the app directory on ins... [Jessie Keck]	

Wiki


github [Signup and Pricing](#) [Explore GitHub](#) [Features](#) [Blog](#) [Login](#)

projectblacklight / blacklight [Watch](#) [Fork](#) [109](#) [23](#)

Code Network Pull Requests 0 Issues 1 Wiki 23 Stats & Graphs

Home Pages Wiki History Git Access

Home [Page History](#)



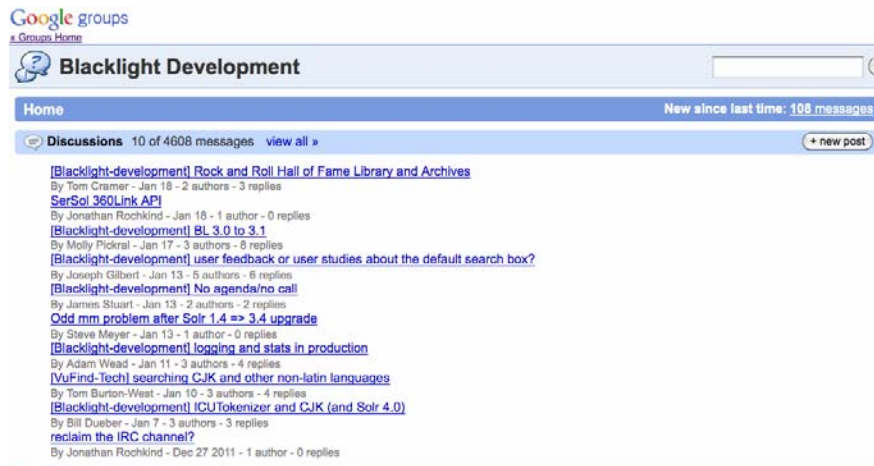
Blacklight is a free and open source ruby-on-rails based discovery interface (a.k.a. "next-generation catalog") especially optimized for heterogeneous collections. You can use it as a library catalog, as a front end for a digital repository, or as a single-search interface to aggregate digital content that would otherwise be siloed.

This wiki provides developer documentation for the latest Blacklight release. For documentation on older releases, see the end of this page.

Getting Started

- [Quickstart](#)
- [FAQs](#)

Google group



Google groups
[Groups Home](#)

Blacklight Development

Home New since last time: 109 messages

Discussions 10 of 4608 messages [view all »](#) + new post

[\[Blacklight-development\] Rock and Roll Hall of Fame Library and Archives](#)
 By Tom Cramer - Jan 18 - 2 authors - 3 replies

[SerSol 360Link API](#)
 By Jonathan Rochkind - Jan 18 - 1 author - 0 replies

[\[Blacklight-development\] BL 3.0 to 3.1](#)
 By Molly Pickrel - Jan 17 - 3 authors - 8 replies

[\[Blacklight-development\] user feedback or user studies about the default search box?](#)
 By Joseph Gilbert - Jan 13 - 5 authors - 6 replies

[\[Blacklight-development\] No agenda/no call](#)
 By James Stuart - Jan 13 - 2 authors - 2 replies

[Odd mm problem after Solr 1.4 => 3.4 upgrade](#)
 By Steve Meyer - Jan 13 - 1 author - 0 replies

[\[Blacklight-development\] logging and stats in production](#)
 By Adam Wead - Jan 11 - 3 authors - 4 replies

[\[VuFind-Tech\] searching CJK and other non-latin languages](#)
 By Tom Burton-West - Jan 10 - 3 authors - 4 replies

[\[Blacklight-development\] ICUTokenizer and CJK \(and Solr 4.0\)](#)
 By Bill Dueber - Jan 7 - 3 authors - 3 replies

[reclaim the IRC channel?](#)
 By Jonathan Rochkind - Dec 27 2011 - 1 author - 0 replies

Website



 **blacklight** Install

Home Blog Demo Examples Community Principles Wiki

What is Blacklight?
 Blacklight is a free and open source Ruby on Rails based discovery interface (a.k.a. "next-generation catalog") especially optimized for heterogeneous collections. You can use it as a library catalog, as a front end for a digital repository, or as a single-search interface to aggregate digital content that would otherwise be siloed.

What are some of the features?
 Blacklight uses [Apache Solr](#), an enterprise-scale index for its search engine. Blacklight features faceted browsing, relevance based searching (with the ability to locally control the relevancy algorithms), bookmarkable items, permanent URLs for every item, user tagging of items.

Who uses it?
 The University of Virginia, Stanford University, Johns Hopkins University, and WGBH are the principal contributors to the code base and use it heavily at their institutions. There are dozens of sites worldwide that use Blacklight; you can see a list of some of them on our [Examples](#) page.

How do I get started?

Useful links

- [Search](#)
- [Wiki](#)
- [Code Repository](#)
- [Continuous Integration Build](#)
- [Development Roadmap](#)
- [IRC Logs](#)
- [JIRA](#)

Open source development

- Open Source Software is no panacea
- You need to know what you're getting into
- Philosophies are difficult to implement wholesale
- Implementations must serve the greater goals of the library
- The process of testing, implementing, and testing again, and working with a community to achieve goals, takes time
 - **but is worth the effort for stability and scalability.**

Blacklight and catalogues

- Basic Blacklight
- Basic Blacklight at Hull
- Searchworks at Stanford
- Catalyst at Johns Hopkins
- Virgo at UVA

- WGBH Open Vault
- Rock'n'Roll Hall of Fame

Basic Blacklight



[Login](#) | [Selected Items \(0\)](#) | [Search History](#)

Limit your search

Format

Publication Year

Topic

Language

Call Number

Region

Era

 in **All Fields**

Welcome!

To modify this text to your specifications, copy this file located in the blacklight plugin directory:
`vendor/plugins/blacklight/app/views/catalog/_home_text.html.erb`

to your top level rails app:
`app/views/catalog/_home_text.html.erb`

Note that you will need to create the 'catalog' directory under views.

University of Hull



[UoH Home](#) | [Library](#) | [eDocs](#) | [Contact](#)

[Login](#) | [Search History](#)


 in **All Fields** [Advanced](#)

Limit your search

- ▶ Call number
- ▶ Format
- ▶ Language
- ▶ Library
- ▶ Publication date
- ▶ Source
- ▶ Subject

Welcome to the BL@H (Blacklight at Hull) site!

You have no search selected. Create a search by adding a search term in the box above and/or by using the filters at the left of the screen.

About BL@H

'Blacklight at Hull' is based at the University of Hull but involves colleagues at Stanford University who are existing partners in another, non-JISC, project (Hydra). The overall aim of the case study is to investigate the use of Blacklight as an alternative and more flexible discovery interface to the University of Hull's Millennium library catalogue and understand the issues and benefits of extending this search to include local digital resources held in the institutional repository.

Searchworks

Catalyst

OpenVault

Basic Blacklight results

Hull results

The screenshot shows the Blacklight search interface. At the top, there is a navigation bar with 'UoH Home', 'Library', 'eDocs', and 'Contact'. The search bar contains the term 'paris' and is set to search in 'All Fields'. Below the search bar, there is a 'Limit your search' sidebar with options for Call number, Format, Language, Library, Publication date, Source, and Subject. The main results area shows 'You searched for: All Fields > paris' and 'Displaying items 1 - 10 of 30,481'. The results are sorted by 'relevance' and show 10 items per page. The first two results are:

- 1. Matthew Paris's English history from the year 1235 to 1273.**
 Author: Paris, Matthew.
 Format: Book
 Language: English
 Publication date: 1854
 Source: Library Catalog
- 2. Four maps of Great Britain, designed by Matthew Paris about A.D. 1250.**
 Author: Paris, Matthew.
 Format: Book

Searchworks results

The screenshot shows the SearchWorks search interface. At the top, there is a navigation bar with 'MY ACCOUNT', 'FEEDBACK', and 'ASK US'. The search bar contains the term 'paris' and is set to search in 'All Fields'. Below the search bar, there is a 'Limit your results' sidebar with options for Access, Format, and Other. The main results area shows 'Your Search: paris' and 'Limited to: (no limits selected)'. The results are sorted by 'relevance' and show 20 items per page. The first three results are:

- 1. Paris-Pékin = Ball Beijing Paris-Pékin = 巴黎北京**
 Published: 2002
 At the Library: Art > Stacks > N7345 .P37 2002
 Format: Book
- 2. Paris**
 Title: Paris (Blue guide)
 Published: 2007
 At the Library: Green > Stacks > DC708 .J7 ED.11 2007
 Format: Journal/Periodical
- 3. Paris**
 Title: Paris (Rough Guides (Firm))
 Published: 1995
 At the Library: Green > Stacks > DC708 .P36 11TH ED. 2008JAN
 Format: Journal/Periodical

Catalyst results

JOHNS HOPKINS
UNIVERSITY
LIBRARIES

[Feedback](#)
[Account](#)
[Login](#)

Selected (0) [Search History](#)

Tip: Search for phrases by putting the terms in quotation marks ("search phrase")

In **Any Field** ▾
Search

Show only items available online

[More search options](#)

paris x

Sort by **relevance** ▾ Displaying 1 - 10 of 135,769 Show 10 ▾ per page

« Previous
1
2
3
4
5
6
7
8
9
...
13,576
Next »

13,577

1. Paris: the song of a great city ; Violin and cello concerto ; Select

Cello concerto

Delius. [Delius, Frederick, 1862-1934.]

Musical Recording, 1991

Orchestral music. Concertos (Violoncello) Concertos (Violin and violoncello)

Friedhelm -- Compact Discs Checked out

D35.210 .P3 M3 CD c. 1 Due: Feb 17 2012

[Request](#)

OpenVault results

Media Library
and Archives

[About us](#) | [Log in](#) | [Register](#)

Browse Archive:
Categories ▾
Collections and Series ▾

Sort by **relevance** ▾ Records with media only Displaying items 1 - 10 of 106 « Previous 1 2 3 4 5 ... 10 11 Next »

Paris Signing and Military Supplies

Summary Operation Enhance, January 1973 A-roll: US supplies off loaded from ship, stacked up at depot. South Vietnamese soldiers arm jet fighter with rockets. Still unused series parked at depot. Negotiators around table at Paris peace talks, Kissinger signs document. Phas. Nixon and Thieu review troops at San Clemente. 6/6/1973. Nobel Peace Prize. B-roll: More at Paris agreement signing, Nixon and Thieu in San Clemente [36'] 4/13/73.

Date Created 04/13/1973

Media Video

Program Vietnam: A Television History / End of the Tunnel, The (1973 - 1975)

Kissinger returns from Paris

Summary Henry Kissinger, back from Paris to Washington. Night scene, plane on field. Henry Kissinger at door and down steps. Medium-close / telephoto shot of Henry Kissinger, and rather joking expression as press calls out to him to "Say hello" - he waves, amused. Seen walking with his aides. Henry Kissinger gets into limo near plane, drives off.

Date Created 09/27/1972

Media Video

Program American Experience / Nixon

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Basic Blacklight single result

blacklight Login | Selected Items (0) | Search History

[Back to Search](#)

You searched for:

paris x


Showing item **1** of **176** from your search. start over

[Next >](#)

Paris noir Select


[Cite This](#) [Export to RefWorks](#) [Export to EndNote](#) [Email This](#) [SMS This](#) [Librarian View](#)

Title: Paris noir
 Format: Book
 Physical description: 289 p.
 Language: English
 Published: New York
 Call number: PQ1276.D4 P37 2008
 ISBN: 9781933354637


 FIND AT HULL

Hull single result

UoH Home | Library | eDocs | Contact



 Login | Search History

blacklight  FIND AT HULL

You searched for:

All Fields paris x

Showing 1 of 30,481 items from your search. Start again

[Next >](#)

Matthew Paris's English history from the year 1235 to 1273

[Cite This](#) [Export to RefWorks](#) [Export to EndNote](#) [Librarian View](#)

Title: Matthew Paris's English history from the year 1235 to 1273.
 Author/Creator: Paris, Matthew.
 Added name(s): Wendover, Roger of.
 Asset source: Library Catalog
 Pages: 3v
 Date: 1854
 Language: English
 Publisher: London : Bell, 1854

Searchworks single result

The screenshot shows the SearchWorks interface for a search result. The search term is 'paris'. The result is for the book 'Paris-Pekin = Bali Beijing / [texts, Chang Tsong-zung ... et al.]'. The book cover is red with white text. The page includes a sidebar with 'Browse by call number' and 'Related E-Resources'. The main content area displays the book's title in multiple languages, its format (Book), and a list of subjects including 'Art, Chinese > 20th century > Exhibitions' and 'Art, Chinese > 21st century > Exhibitions'.

Catalyst single result

The screenshot shows the Catalyst interface for a search result. The search term is 'paris'. The result is for the musical recording 'Paris : the song of a great city ; Violin and cello concerto ; Cello concerto' by Delius. The page includes a search bar, a 'You searched for:' section, and a list of actions like 'Cite This', 'Export to RefWorks', and 'Export to EndNote'. The main content area displays the recording's format (Musical Recording), sound recording details, and performer information (Raphael Wallfisch, cello; Tasmin Little, violin; Royal Liverpool Philharmonic Orchestra; Charles Groves, conductor).

OpenVault single result

WGBH Media Library and Archives

[About us](#) | [Log In](#) | [Register](#)

Browse Archive: Categories Collections and Series

RELATED CONTENT

G.I.'s hear Nixon ceasefire proposal, Ton Son Nhut
At Tan Son Nhut Air Base-US troops listen to Nixon speech on ceasefire. Few in air field scene-jets taxi with rockets-guy cleaning plane...

'Peace is at Hand' (1968 - 1973)
'Peace is at Hand (1968-1973)' traces the course of the prolonged Paris Peace Talks, which provides a counterpart to the continuing fighting in Indochina, from the inception of the negotiations in 1968 to the final cease-fire agreement five years later...

Paris Signing and Military Supplies

Summary Operation Enhance, January 1973? A-roll: US supplies off loaded from ship, stacked up at depot. South Vietnamese soldiers arm jet fighter with rockets. Still unused tanks parked at depot. Negotiators around table at Paris peace talks, Kissinger signs document. Break. Nixon and Thieu review troops at San Clemente. 6/11/1973. Nobel Peace Prize. B-roll: More at Paris agreement signing, Nixon and Thieu in San Clemente (36) 4/13/73.

Topics Press conferences, Vietnam War, 1961-1975--Peace, Vietnam War, 1961-1975

Tags (0) [ADD TAG](#)

Annotations public annotations (0) [ADD ANNOTATION](#)

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Rock'n'Roll Hall of Fame

Links

[Rock and Roll Hall of Fame and Museum Library and Archives](#)

[Back to Search](#)

Table of Contents

- [Top](#)
- [Collection Overview](#)
- [Biographical Note](#)
- [Separated Materials](#)
- [Preferred Citation](#)
- [Custodial History note](#)
- [Use Restrictions](#)
- [Access Restrictions](#)
- [Processing Information](#)

Login | Selected Items (0) | Search History

You searched for:

Archival Material Audio

Showing item 0 of 2,214 from your search. [start over](#)

Art Collins Papers (ARC.0001) Select

[Check nearby libraries](#)

General Information

Title:	Art Collins Papers
Extent:	50.92 Linear feet (40 records cartons, 1 flat box)
Bulk Dates:	Bulk, 1986-2004
Inclusive Dates:	1959-2005, undated
Language of Finding Aid:	English
Language of Materials:	Materials are in English.

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Virgo

UNIVERSITY OF VIRGINIA LIBRARY Sign in Non-U.Va. User?

VIRGO Virgo Classic Course Reserves Libra

Search for books, articles, digital materials, and more. **Search** [Catalog Advanced Search](#) [Article Advanced Search](#)

Catalog + Articles Catalog only Articles only [Which one?](#)

What's Included?
 Virgo contains both the **catalog**—with materials like books, print journals, DVDs, maps, and digitized materials—and **online articles** from our rich array of subscription journals. The sub-collections at right have custom searches for media- and discipline-specific materials.

COLLECTIONS
[Digital Collections](#)
[Video Search](#)
[Music Search](#)

Getting Started
 Type some keywords, an author's name, or even a full title in the search box above, optionally limit your search to just the catalog or online articles, then click "Search." Once you've

Virgo results

UNIVERSITY OF VIRGINIA LIBRARY Sign in Non-U.Va. User?

VIRGO Catalog + Article Search Virgo Classic Course Reserves Libra

paris **Search** [Catalog Advanced Search](#) [Article Advanced Search](#)

Switch to: Catalog Results Article Results Music Results Video Results [Start over](#)

You searched for: *paris* [Starred Items](#)

Catalog results
 Find books, print journals, maps, videos, digitized materials, and more from the Library's collection.
 251,490 results sorted by relevancy [See all catalog results -->](#)

1.	Paris
Format	Book
Publication Date	1833
Availability	AVAILABLE Ivy (Stacks)
Call Number	DC703.P33 v.2

Article results
 Find full-text online articles from the Library's collection of subscription journals.
 1,770,648 results sorted by relevancy [See all article results -->](#)

1.	PARIS.
Published in	The Lancet, 1920, Vol.195(5034), p.458-458
Identifier	ISSN: 0140-6736 ; DOI: 10.1016/S0140-6736(01)11141-4
Availability	Access online

Virgo book/article results

The screenshot shows two overlapping screenshots of the Virgo search interface. The top screenshot is the 'VIRGO Catalog Search' page with the search term 'Paris' entered. The bottom screenshot is the 'VIRGO Article Search' page, also with 'Paris' as the search term. It displays 1,770,848 results, sorted by Relevance. The results list includes 'PARIS' with publication details from 'The Lancet' (1920, Vol 1950204, p.458-458) and 'PARIS' from 'The Lancet' (1984, Vol 1230151, p.141-141). The interface includes filters for format, publication date, and availability, as well as options to view online resources and peer-reviewed articles.

Virgo single result

The screenshot shows the 'Item Details' page for the search result 'Paris'. The page title is 'Item Details (Item 1 of 251,490)'. It includes navigation links like 'Return to search results', 'Start over', 'Add Star', and 'Item Actions'. The main content area displays the following details:

- Format:** Book
- Description:** 2 v. 17 cm.
- Related title:** The book of the hundred-and-ones.
- Published:** Boston, Lilly, Wait, Colman, and Holden, 1833.

Below the details, there is an 'Availability' section with a 'Request Item from Ivy' and 'Request LEO delivery (faculty/SCPS)' link. A 'Read Online' section features a 'Google Preview' icon. At the bottom, a table provides library-specific information:

Library	Location	Map	Availability	Call Number
Ivy	Stacks	N/A	AVAILABLE	DC703 .P33 v.2

Blacklight and repositories

- Remember - Blacklight can be used as an interface to any type of record
 - This can include records held within digital repositories
- Blacklight is used as the default interface for the Hydra project
 - A flexible, multi-purpose repository solution
 - based on Fedora
 - Hydra – one body of content, many views (heads) to this
- Blacklight offers a way of exposing rich repository functionality



Hydra

- A collaborative project between:
 - University of Hull
 - University of Virginia
 - Stanford University
 - Fedora Commons/DuraSpace
 - MediaShelf LLC
- Unfunded (in itself)
 - Activity based on a common need
- We aim to work towards a reusable framework to permit repositories to support the management of many different types of content for many purposes
- Original timeframe - 2008-11 (but now extended indefinitely)



Fundamental Assumptions

No single institution can resource the development of a full range of digital content management solutions on its own,

...yet each needs the flexibility to tailor solutions to local demands and workflows.

No single system can provide the full range of repository-based solutions for a given institution's needs,

...yet sustainable solutions require a common repository infrastructure.

“If you want to go fast, go alone. If you want to go far, go together”
(African proverb)

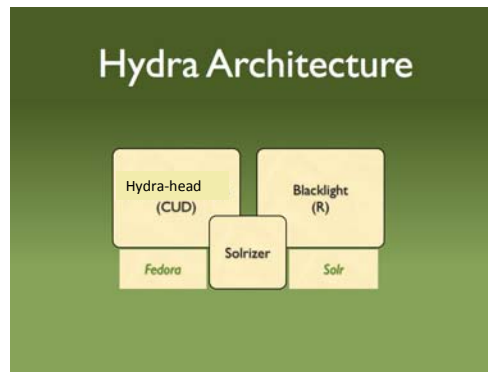
Adding partners

- More Universities and organisations are now using Hydra
 - Northwestern University, Chicago
 - Notre Dame University
 - London School of Economics
 - Rock'n'Roll Hall of Fame
- Hydra is a community, but not just a community
 - It is a way of modelling content
 - It has a technical implementation

Technologies?

- Fedora
 - All Hydra partners are Fedora users
- Solr
 - Very powerful indexing tool, as used by...
- Blacklight
 - Ruby gems (MediaShelf contributions)
 - ActiveFedora, Opinionated Metadata
 - For creating and managing the repository contents
 - Solrizer
 - For indexing repository content

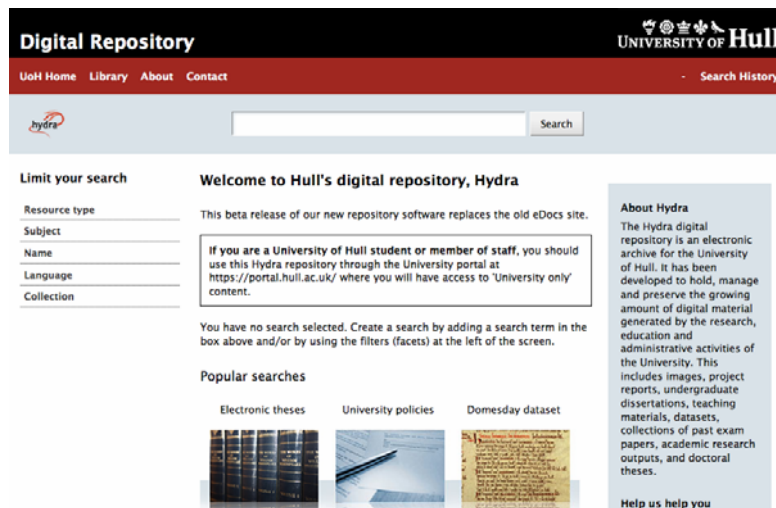
The technical bit...



CRUD approach

- Blacklight provides 'Read' as part of the overall system
- Hydra-head (the Ruby Gems and more) provides 'Create', 'Update' and 'Delete'

Hydra at Hull



The screenshot shows the 'Digital Repository' website for the University of Hull. The header includes the university logo and navigation links: 'UoH Home', 'Library', 'About', 'Contact', and 'Search History'. A search bar with a 'Search' button is prominently displayed. Below the search bar, there are sections for 'Limit your search' (with filters for Resource type, Subject, Name, Language, and Collection), 'Welcome to Hull's digital repository, Hydra' (with a message for students and staff), 'Popular searches' (listing 'Electronic theses', 'University policies', and 'Domesday dataset' with corresponding images), and 'About Hydra' (describing the repository's purpose and content). A 'Help us help you' link is also visible.

Hydra in Hull results

Digital Repository UNIVERSITY OF Hull

UoH Home Library About Contact Search History

Result set: paris Search

Limit your search

You searched for:

Keyword paris

Displaying resources 1 - 10 of 54 Start again

Sort by: relevance Show 10 per page

1 2 3 4 5 6

International patent regime for pharmaceuticals from the Paris Convention to the TRIPS Agreement

Author: Hong, Tzay-Pyng
 Resource type: Thesis or Dissertation
 Subjects: Law; Law enforcement; Information science; International trade; Prisons
 Language: English

The first old French Vie des peres : texts and contexts

Author: Tudor, Adrian Phillip
 Resource type: Thesis or Dissertation
 Subjects: Literature; Mass media; Performing arts

Hydra in Hull single result

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Search

« Back to Results 1 of 54 Next »

Thesis or dissertation

International patent regime for pharmaceuticals from the Paris Convention to the TRIPS Agreement

Author: Hong, Tzay-Pyng
 Subjects: Law; Law enforcement; Information science; International trade; Prisons
 Rights: (c) 2000 Tzay-Pyng Hong. All rights reserved. No part of this publication may be reproduced without the written permission of the copyright holder.
 Abstract: Intellectual property protection (IPP) attained its importance in recent years because of the steady increase of intellectual property-endowed goods and technology in global trade. Technology producers, among them multilateral pharmaceutical companies (MPCs) felt that the Paris Convention (the Convention) was not adequate in dealing with trade related issues, and that an agreement was needed to integrate the subject of IPP, especially patent protection for pharmaceuticals, into the broader context of global trade law. The Agreement on Trade-Related Aspects of Intellectual Property Rights (the TRIPS Agreement) concluded in the Uruguay Round in 1994 brought IPP into the global trading system. The patent system contained in the

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Thesis (15.6MB, pdf)

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New in Academic Commons:

- Cenozoic Era: Geomagnetic polarity time-scale
Kent, Dennis V.
Graciansky, Pierre-Charles de et al.
- An Optimal $O(\log \log n)$ Time Parallel String Matching Algorithm
Breslauer, Dany
Galil, Zvi

Academic Commons results



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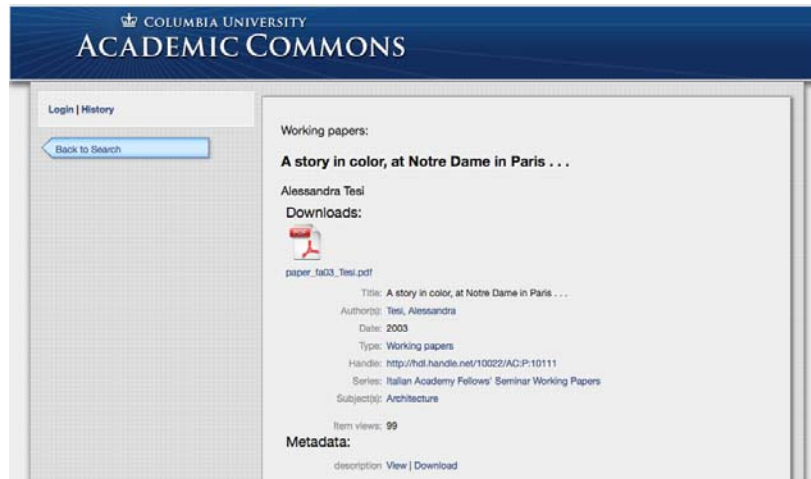
Login | History

Active Search Criteria:
Keywords: Keyword: paris x
Limited to: Showing all search results.

Displaying all 10 items 10 per page sorted by relevance

- A story in color, at Notre Dame in Paris . . .**
Author(s): Tesi, Alessandra
Date: 2003
Subject: Architecture
Type: Working papers
- Paris Club: Intergovernmental Relations in Debt Restructuring**
Author(s): Cosío Paícal, Enrique
Date: 2007

Academic Commons single result



Blacklight and community

- Without its community, Blacklight would have been another nice idea
 - The community has made it better
- It is valuable to have people to discuss ideas with at other institutions
 - Different views allow better solutions for everyone
- Two communities
 - Developer
 - Managers
- They need each other for success

BISAG

- The **Blacklight Strategic Advisory Group** offers interested and committed institutions the opportunity to coordinate, advise and support the open source Blacklight project's development and maintenance from a strategic and management level.
- Membership in this group is open to any institution that:
 - has committed to using Blacklight in its environment
 - is committed to the success and sustainability of the Blacklight project beyond its own institutional walls
 - will commit to furthering the open source solution through any of a variety of means

Blacklight developers

- Regular, weekly, calls to discuss developments
- Use an IRC channel for day-to-day communication
 - Node - #blacklight channel on chat.freenode.net
 - Archive logs available at <http://irclogs.projectblacklight.org/>
- Use the community principles to guide input and ensure quality
- Occasional Blacklight face-to-face meetings
 - e.g., Johns Hopkins University in November 2011

Summary



- Blacklight started as a solution to a need
 - It has become a solution for many needs
- It has developed using an open source model
 - Slow growth, but very solid development
- It offers great flexibility in what it can be used for
 - Discovery of many different types of content
 - Provide the functionality and design you need
- It can be used for repositories as well as catalogues
 - Or both

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- ...and others in the Blacklight community

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Thank you



Chris Awre – c.awre@hull.ac.uk

Richard Green – r.green@hull.ac.uk

blacklight-development@groups.google.com