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 - ▶ Open source software
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A decorative graphic on the left side of the slide, featuring a dark grey arrow pointing right at the top, and several thin, curved lines in shades of blue and grey extending downwards from the arrow's base.

INTEGRATED LIBRARY MANAGEMENT SYSTEM

- ❖ **Integrated library management system is the system in which facility of both digital library and automation software is given.**
- ❖ **We can manage digital content.**
- ❖ **Automation Software – All house keeping operations done here.**

WHAT IS OPEN SOURCE SOFTWARE?



First of all let us see what is:

- ❖ **Software?**
- ❖ **Source Code?**

A decorative graphic on the left side of the slide. It features a dark blue vertical bar on the far left. A black arrow points to the right from the top of this bar. Below the arrow, several thin, curved lines in shades of blue and grey sweep upwards and to the right, creating a dynamic, abstract shape.

SOFTWARE

- ❖ **Computer programme or software is set of instructions to computer to work in a desired manner with the help of available hardware resources.**



SOURCE CODE

- ❖ Instructions to computers are normally written by programmers in Programming Languages like – C, C++, Java etc.
- ❖ These instructions are readable by humans and referred as Source Code.
- ❖ To operate machines i.e. computers to understand this source code – it either permanently translated (compiled) or on-the-fly translated (interpreted) into machine level codes.

A decorative graphic on the left side of the slide. It features a solid black arrow pointing to the right, positioned at the top. Below the arrow, several thin, light blue lines curve downwards and to the left, creating a sense of movement and depth. The background of the slide is a light blue gradient.

OPEN SOURCE SOFTWARE

- ❖ **Thus, Open Source Software is software for which the underlying programming code is also available to the users.**
- ❖ **They may read it, make changes, and build new versions of the software incorporating their changes.**



ADVANTAGES OF OPEN SOURCE SOFTWARE'S

- ❖ **Lower software costs.**
- ❖ **Simplified license management.**
- ❖ **Lower hardware costs.**
- ❖ **Support.**
- ❖ **Escape vendor lock-in.**
- ❖ **Quality software.**



DISADVANTAGES OF OPEN SOURCE SOFTWARE'S

- ❖ **Many libraries do not have the in-house expertise to support open source software.**
- ❖ **Some libraries don't have the ability to train staff on the use of the new technologies.**
- ❖ **The support we got for these software's are generally available through it's communities.**
- ❖ **Although the open source software is mostly free, but hidden cost may applied on external support.**

FEATURE

- ❖ A full featured modern integrated library software (ILS).
- ❖ Award winning and free/Open-source Software.(no license fee).
- ❖ OS independent any operating system. Linux, Unix.
- ❖ Web-based Interface. We can integrate with our library website.
- ❖ Full MARC21 and UNIMARC
- ❖ Multilingual and multi-user support
- ❖ Z39.50 server.

SOFTWARE REQUIREMENT

- ❖ To install Koha for immediate use we recommend LAMP
- ❖ L-Linux server – Debian is what most people use – Operating System
- ❖ A - Apache - web server
- ❖ M - MySQL (up to version 5.6) or Maria Database
- ❖ P- Perl – Language



HARDWARE REQUIREMENT

- ❖ **Processor - Pentium 4 , 2.4GHz or Higher speed.**
- ❖ **Ram - Minimum 2 GB.**
- ❖ **Hard disk – 80 GB**
- ❖ **CD/DVD Driver.**



Enter patron card number or partial name:

Submit

Check out Check in Search patrons Search the catalog

Home

News

Welcome to Koha

Welcome to Koha. Koha is a full-featured open-source ILS. Developed initially in New Zealand by Katipo Communications Ltd and first deployed in January of 2000 for Horowhenua Library Trust, Koha is currently maintained by a team of software providers and library technology staff from around the globe.

Posted on 10/29/2007 Edit | Delete | New

What's Next?

Now that you've installed Koha, what's next? Here are some suggestions:

- [Read Koha Documentation](#)
- [Read/Write to the Koha Wiki](#)
- [Read and Contribute to Discussions](#)
- [Report Koha Bugs](#)
- [Submit Patches to Koha using Git \(Version Control System\)](#)
- [Chat with Koha users and developers](#)

Posted on 10/29/2007 Edit | Delete | New

Circulation

Patrons

Advanced search

Lists

Cataloging

Authorities

Serials

Acquisitions

Reports

Koha administration

Tools


About Koha

Suggestions pending approval: 1
Comments pending approval: 5

Welcome to the Koha staff interface!

CIRCULATION

- ❖ The circulation system maintains up to date membership record and the latest status of the collection meant for circulation.
- ❖ Checkout :- While issuing a book the respective user's last name or member card number is keyed in the place provided in circulation section. This takes to the issuing form which includes the item number box

- 
- ❖ **Check In:** Check in of the book is known as Returns in Koha, if any issued book is returned on or after due date, the item number is keyed in, which provides the details about the book as well as the member information.
 - ❖ **Overdue Notice:** The over due notice are generated by having any document monograph, journals or documents on lone under ILL that maintain directly to members optionally, along with overdue titles may generated for the record of the library staff.



Enter patron card number or partial name:

Input field with Submit button

- Check out Check in Search the catalog

Home > Circulation

Circulation

- Check out
Check in
Transfer
Set library

Offline circulation

- Offline circulation file (.koc) uploader
Offline circulation (Firefox add-on)

Full-screen Snip

Circulation Reports

- Holds queue
Holds to pull
Holds awaiting pickup
Hold ratios
Transfers to receive
Overdues - Warning: This report is very resource intensive on systems with large numbers of overdue items.
Overdues with fines - Limited to your library. See report help for other details.

PATRON

- ❖ Here the work patron is used for library readers.
- ❖ Under it new readers are given membership according to their category.
- ❖ The Patron module not only manages individual borrowers, but also institutions as patrons.
- ❖ Patron category is defined with the minimum and maximum ages for patron of the given category.
- ❖ Searching the patron's card number provides the details like financial standing of the patron, charges due, patron's reservations, and outstanding loans against the patron.



Enter patron card number or partial name:

order by:

[Search Patrons](#) [Check Out](#) [Search the Catalog](#)

[Home](#) > [Patrons](#) > Patron Details for Nikunj Tyagi (990100020)

Nikunj Tyagi (990100020)



Chander Lok.shahdara
Delhi
22110132
nikunj1!@gmail.com
Category: Adult Member (DVD) (AMD)
Home Library: Central Library

Mr Nikunj Tyagi (990100020)

Chander Lok.shahdara
Delhi 110093

Home: 22110132
Mobile: 9873389966
Work: 23991297
Email (home): nikunj1!@gmail.com
Email (work): dpl@dpl.gov.in
Initials:
Date of birth: 1972-02-10
Sex: M

[Edit](#)

Manage Patron Image

To update the image for Mr Tyagi, enter the name of the new image file to upload and click 'Upload.'

Click the 'Delete' button to remove the current image.

Only PNG, GIF, JPEG, XPM formats are supported.

Library use

Card number: 990100020
Borrowernumber: 7
Category: Adult Member (DVD) (AMD)
Registration date: 2008-09-10
Expiration date: 2010-09-10
Registration branch: Central Library
OPAC login: ntyagi
OPAC password: *****

[Edit](#)

Alternate Address

[Check Out](#)

[Details](#)

[Fines](#)

[Circulation History](#)



ADVANCE SEARCH

- ❖ By this module we can search library's database
- ❖ We can also search it by Boolean operators AND ,OR, NOT .

LIST

- ❖ This module is very helpful for both librarian and also readers.
- ❖ By this we have a specific list of required material in the library .
- ❖ Like list of autobiography, biography etc

Koha new list form offers several options for creating list:

- **Private list:** Managed by the library staff and can be seen only by creator
- **Public list:** Managed by the Library staff and can be seen by everybody
- **Open list:** This can be managed by everybody and can be seen by everybody



CATALOGUING

- ❖ The main work of library is to do cataloguing of the given material of library so that it can be searched easily.
- ❖ Mark framework is used in it. under it different tags are given we can fill information in different tags of our library.
- ❖ Under it the facility of Z 39.50 protocol is given by it's help we can find the database of other library and if needed we can also import it in our database.



Search the catalog and the reservoir:

Submit

Cataloguing Search

[Check Out](#)

[Home](#) > Cataloguing

+ New Record

Default Framework

Books, Booklets, Workbooks

Audio Cassettes, CDs

Kits

Binders

Models

CD-ROMs, DVD-ROMs, General Online Resources

DVDs, VHS

Serials

Full-screen Snip

AUTHORITY

- ❖ **This module is used for vocabulary control and to manage the authority file of MARC record.**
- ❖ **Under it the authority file of subject term , place , writer and sub title is available.**



Enter authorized heading:

Default ▾

contains ▾

Heading A-Z ▾

Submit

Search main heading

[Search all headings](#)

[Keyword search](#)

+ New authority ▾

🔍 New from Z39.50

- Chronological Term
- Corporate Name
- Default
- Genre/Form Term
- Geographic Name
- Meeting Name
- Personal Name
- Topical Term
- Uniform Title

SERIALS

- ❖ The Serials module assists in managing serial subscriptions for journals, magazines, and newspapers.
- ❖ Koha manages late issues, skipped issues, and claims with the suppliers.
- ❖ Koha manages complex classifications, allowing the librarian to work with eleven different publication periods (from daily newspapers to annual publications), with delayed publications, and with publications out of sequence.

Add a new subscription

Subscription details

Subscription

Librarian: nce

Vendor: ()

[Search for a vendor](#)

Biblio: (Computers%20in%20libra) *Required*

[Search for Biblio](#) | [Create Biblio](#)

- create an item record when receiving this serial
 do not create an item record when receiving this serial

Location: ↕

Call Number:

Library: ↕ (select a library)

Grace period: day(s)

Public note:

Nonpublic note:

Patron notification: ↕

Select a notice and patrons on the routing list will be notified when new issues are received.

Staff and Public Display

Number of issues to display to staff:

Number of issues to display to the public:

Note:

The subscription must be associated with a bibliographic record.

You have to select a vendor if you wish to generate claims.



ACQUISITIONS

- ❖ **Simple acquisitions:-** Simple acquisitions module makes it possible to acquire materials and add them directly to the catalogue. It does not manage budgetary matters, the orders placed with the suppliers, etc.
- ❖ **Full Acquisitions:** The full acquisitions module makes it possible to manage: Budgets and book funds: Budget available, Committed, Spent Suppliers. Orders, via 'shopping baskets.



Search vendors:

[Vendor Search](#)[Orders Search](#)[Home](#) - [Acquisitions](#)

- [Late orders](#)
- [Manage suggestions](#)
- [Funds and Budgets](#)

Acquisitions

Start, receive, or modify any order

 Vendor:

Pending suggestions

No suggestions waiting

Funds and Budgets

[\[Manage \]](#)

Budgets	Total	Spent	Comtd	Avail
Children's Materials	5000.00	0.00	0.00	5000.00
General Stacks	20000.00	0.00	0.00	20000.00
Reference Materials	5000.00	0.00	0.00	5000.00
Total	30000.00	0.00	0.00	30000.00

Use your reload button [ctrl + r] to get the most recent figures. Committed figures are approximate only, as exchange rates will affect the amount actually paid.

Exchange rates

Currency	Rate	
CAD	<input type="text" value="1.02207"/>	<input type="button" value="Save"/>
EUR	<input type="text" value="0.87400"/>	<input type="button" value="Save"/>
GBP	<input type="text" value="1.99290"/>	<input type="button" value="Save"/>



REPORT

- ❖ Report module is very important feature in koha.
- ❖ Report is used to find the information about Patrons, cataloguing & most circulate item

Different type of report like report relating to cataloguing, report related to readers, report related to circulation etc are made to make work more easier.



Enter patron card number or partial name:

Submit

[Check out](#)

[Check in](#)

[Search the catalog](#)

Reports

Guided reports

- [Guided reports wizard](#)
- [Build new](#)
- [Use saved](#)
- [Create from SQL](#)

Reports dictionary

- [View dictionary](#)

Statistics wizards

- [Acquisitions](#)
- [Patrons](#)
- [Catalog](#)
- [Circulation](#)
- [Serials](#)
- [Holds](#)

Top lists

- [Patrons checking out the most](#)
- [Most-circulated items](#)

Inactive

- [Patrons who haven't checked out](#)
- [Items with no checkouts](#)

Other

- [Items lost](#)
- [Catalog by item type](#)
- [Average loan time](#)
- [Koha database schema](#)
- [Koha reports library](#)

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ADMINISTRATION

- ❖ **Koha administration module allows setting the preferences and various parameters to work in Koha. These preferences are for the system setup which defines the working of the koha.**

Koha administration

Global system preferences

Manage global system preferences like MARC flavor, date format, administrator email, and templates.

Basic parameters

Libraries and groups

Define libraries and groups.

Item types

Define item types used for circulation rules.

Authorized values

Define categories and authorized values for them.

Hint:

Configure these parameters in the order they appear.

Patrons and circulation

Patron categories

Define patron categories.

Circulation and fines rules

Define circulation and fines rules for combinations of libraries, patron categories, and item types

Patron attribute types

Define extended attributes (identifiers and statistical categories) for patron records

Library transfer limits

Limit the ability to transfer items between libraries based on the library sending, the library receiving, and the item type involved. These rules only go into effect if the preference UseBranchTransferLimits is set to ON.

Transport cost matrix

Define transport costs between branches

Item circulation alerts

Define rules for check-in and checkout notifications for combinations of libraries, patron categories, and item types

Cities and towns

Define cities and towns that your patrons live in.

Road types

Define road types (street, avenue, way, etc.). Road types display as authorized values when adding/editing patrons and can be used in geographic statistics.

Catalog

MARC bibliographic framework

Create and manage Bibliographic frameworks that define the characteristics of your MARC Records (field and subfield definitions) as well as templates for the MARC editor.

Koha to MARC mapping

Define the mapping between the Koha transactional database (SQL) and the MARC Bibliographic records. Note that the mapping can be defined through MARC Bibliographic Framework. This tool is just a shortcut to speed up linkage.

Keywords to MARC mapping

Define the mapping between keywords and MARC fields, those keywords are used to find some datas independently of the framework.

MARC Bibliographic framework test

Checks the MARC structure. If you change your MARC Bibliographic framework it's recommended that you run this tool to test for errors in your definition.

Authority types

Create and manage Authorities frameworks that define the characteristics of your MARC Records (field and subfield definitions).

Classification sources

Define classification sources (i.e., call number schemes) used by your collection. Also define filing rules used for sorting call numbers.

Record matching rules

Manage rules for automatically matching MARC records during record imports.

OAI sets configuration

Manage OAI Sets

Acquisition parameters

Currencies and exchange rates

Define currencies and exchange rates used for acquisitions.

Budgets

Define your budgets

Funds

Define funds within your budgets

Additional parameters

Z39.50 client targets

Define which servers to query for MARC data in the integrated Z39.50 client.

Did you mean?

Choose which plugins to use to suggest searches to patrons and staff.

TOOLS

- ❖ **Koha provides three categories of tools relating to Patrons and Circulation; Catalog tools and additional tools. These tools are alternative for the Koha Reports.**
 - Patrons and Circulation Tools**
 - Catalog Tools**
 - Additional tools includes**



ABOUT KOHA

- ❖ Under it the information of - version of koha, mysql version, apache version, and zebra version and perl module , koha team , license and in how many languages koha is available the whole information is given.

OPAC

- ❖ Koha facilitates the users with the Online Public Access Catalog which can be viewed 24X7 anytime anywhere;
- ❖ It allows the OPAC users to search with the fields like Keyword, Subject Title, Class, Barcode, Author, Publisher, ISBN, Series etc;
- ❖ OPAC refines the searches made on Availability of the Resource, Authors, Libraries, Item Types, Location, Series, Topics and others;
- ❖ Allows the OPAC users who are logged in as members to reserve library items for future issue;
- ❖ Biblio basket: members can select the item and can add to the cart; and
- ❖ Allows to add the tag and save to lists of the member.



oxford

Library catalog

अ

[Advanced search](#) > [Browse by author or subject](#) > [Most popular](#)
[Home](#) > [Search](#) > Your search returned 1171 results.

 1 2 3 4 5 6 7 8 9 10 [Next >>](#)
[Select all](#) [Clear all](#) [Unhighlight](#) Add to: [Save](#) [Place hold](#)

Relevance

1. [Jinnah of Pakistan](#)
by Wolpert, Stanley A.
Publisher: New Delhi **Oxford** University Press, 2005
Availability: No copies available **Withdrawn** (1).
Actions: [Add to cart](#)
2. [Welfare, incentives, and taxation](#)
by Mirrlees, James A.
Publisher: New Delhi **Oxford** University Press, 2006
Online Access: [Table of contents only](#)
Availability: **Copies available for reference:** D.B.Act.Division [330.1 MR] (1).
Actions: [Add to cart](#)
3. [Public administration in India the higher civil service](#)
by Maheshwari, S.R.
Publisher: New Delhi **Oxford** University Press 2006
Availability: **Copies available for loan:** (1).
Actions: [Place hold](#) [Add to cart](#)


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image
available

Refine your search

Availability

 Limit to [currently available items](#).

Authors

[Kingsmith, Daniel...](#)
[Mirrlees, James A.](#)
[Mukhopadhyay, Anind...](#)
[Palsi, Tula](#)
[Wolpert, Stanley A.](#)
[Show more](#)

Libraries

[D.B.Act.Division](#)
[Central Library](#)
[Sarojini Nagar](#)

Item types

[English Books](#)

Places

[Bachekhand \(India\)](#)
[India](#)
[Bewa \(Princely State...\)](#)
[Tamil Nadu \(India\)](#)

Topics

REFERENCE

- ❖ <http://www.slideshare.net/rajivkumarmca/koha-open-source-library-management-software>
- ❖ [http://www.powershow.com/view1/1db7c7-ZDc1Z/Koha Open Source ILS powerpoint ppt presentation](http://www.powershow.com/view1/1db7c7-ZDc1Z/Koha_Open_Source_ILS_powerpoint_ppt_presentation)
- ❖ ignou
- ❖ E pg pathshala



THANK YOU