

# Open Source Resource for Library and Information Centre for their Service

by

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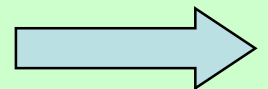


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- The Open Source Initiative (<http://www.opensource.org/>) claims that open source software is “an idea whose time has finally come”.
- It is seen to represent the philosophical understanding of how a previously created “source” or code can be used or adapted to develop a piece of “software”.

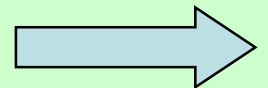
# Basic Computer Programs

- ❖ Ubuntu
- ❖ The Linux operating system is another very popular open source program.
- ✓ Ubuntu is a modification of Linux)
- ✓ Ubuntu is a perfect solution for libraries that need to upgrade their older computers using outdated Windows or for bulk computer
- ✓ It might be a little scared at first of a new operating system.
- ✓ It is totally free of cost



# Firefox

- ✓ Firefox is the Mozilla organizations answer to Microsoft's Internet Explorer web browser
- ✓ Firefox offers a much more secure browsing experience compared to IE
- ✓ Firefox through its many plug-in, which can make using the net more constructive.



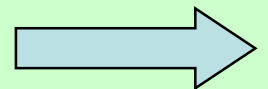
# Firefox

The screenshot shows a Mozilla Firefox browser window with the title bar "Main Page - CARCITWiki - Mozilla Firefox". The address bar contains the URL "http://carcit.lis.curtin.edu.au/CARCITWiki/index.php/Main\_Page". The browser's menu bar includes "File", "Edit", "View", "Go", "Bookmarks", "Tools", and "Help". The toolbar shows navigation buttons (back, forward, home, stop) and a search engine icon. The page content features the "CARCITWIKI" logo and navigation links: "MAIN PAGE | ABOUT | HELP | FAQ | SPECIAL PAGES | LOG IN". Below the logo is the text "Collaborative Action for Reference Competencies and Information Technology" and links for "Printable version" and "Disclaimers". A search box is located on the left with "Find" and "Search" buttons. A sidebar on the left lists various page actions: "Browse" (Main Page, Community portal, Current events, Recent changes, Random page, Help), "Edit" (Edit this page, Editing help), "This page" (Discuss this page, Post a comment, Printable version), "Context" (Page history, What links here, Related changes), and "My pages" (Create an account or log in). A "Special pages" section includes "New pages", "Image list", "Statistics", and "Bug reports". The main content area has a heading "Main Page" and "From CARCITWiki". It contains a welcome message: "Welcome to the Collaborative Action for Reference Competencies and Information Technology (CARCIT) Wiki." followed by a paragraph about presentations held at Murdoch University on Thursday 22 June 2006. Below this is another paragraph encouraging users to create profiles and add information. A "Table of contents" box lists nine items with their respective times. An "[edit]" link is visible at the bottom right of the page content. The Windows taskbar at the bottom shows the Start button and several open applications, including "Novell-delivere...", "Inbox - Microso...", "Main Page - RS...", "info online oct2...", and "Main Page - CA...". The system clock shows "2:01 PM".

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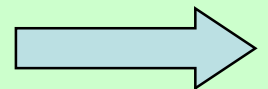
# Open Office

- ✓ Another component bundled with Ubuntu operating system is a software package known as Open Office
- ✓ Open Office can do the same thing, Microsoft Office package
- ✓ Librarian Can use this software for their office purpose.



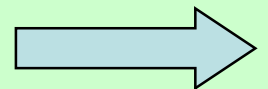
# Thunderbird

- ✓ Thunderbird, is the Mozilla foundations open-source alternative to Microsoft's Outlook Express
- ✓ Program works exactly like Outlook
- ✓ Thunderbird is the open source program.



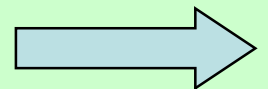
# Songbird

- Open-source platform built off of the Mozilla platform
- Songbird is an open source media player which we can use to play audio and video files
- Songbird can play any media file format
- Multilingual support



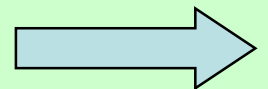
# Advanced Programs

- **GIMPshop**
- **PDF Creator**
- **Audacity**
- **Avidemux**



# Digital Library System

- **Green Stone Digital Library System**
- **Dspace**



# OSS Integrated Library Systems

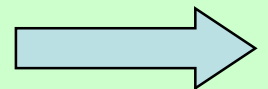
- **Integrated library management systems can cut costs and enhance the efficiency of library services and therefore are absolutely necessary for the management of house keeping operations.**
- **But small and medium- size libraries face a difficult situation due to the high cost of commercial library management systems, foreign or Indian, available in the market. Naturally libraries without much financial resources need a cost effective way to automate their services.**
- **Free/Open source software was a revolutionary concept among computer programmers and users.**
- **To a certain extent free/ open source solutions could provide an alternative solution to costly commercial application software's.**
- **Free/Open source software is, software that users have the ability to run, copy, distribute, study, change, share and improve for any purpose. About eight free/open source library management systems are available and libraries can consider these alternatives.**

# Why OSS Integrated Library Systems?

- 1. Open license (General public License (GPL)).
- 2. Open source ILS are operating system independent. They are compatible with Linux, Windows and MacOS.
- 3. Web interface.
- 4. MARC support.
- 5. Z39.50 standard
- 6. Barcode input and generator.
- 7. Entire software is customizable.
- 8. Active development status and world wide user community.
- 9. Multi language support.

# Integrated Library Systems (ILS)

- **NewGenLib**
- **Koha**
- **Evergreen ILS**
- **VuFind**
- **LibLime**



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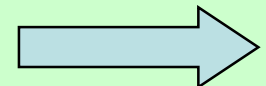
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# Module of NewGenLib

The screenshot displays the NewGenLib software interface. At the top, there is a blue header bar with the text "NewGenLib" and a small icon. Below the header is a menu bar with the following items: Acquisitions, Tech. processing, Circulation, Serials Management, Administration, Reports, Queries, Utilities, Windows, and About. A dropdown menu is open under "Acquisitions", listing the following options: Search by Title, Process requests, Process approval supplies, Firm orders, Receive orders, Delete Invoice, Gifts, Accession received items, Delete Accession number, Process payment (invoice received), Rollback payment, Invoice payment details, Claims for unsupplied items, and Process Quotation. In the background, a window titled "Welcome to SDM-IMD Library, Mysore" is visible, showing the date "Feb 08, 2008" and a table with two columns: "Nature" and "Number pending".

| Nature | Number pending |
|--------|----------------|
|        | 2              |
|        | 5              |
| owed   | 1              |
|        | 1              |
|        | 2              |

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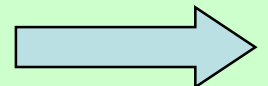


# Acquisition Module

The screenshot displays the NewGenLib software interface. The main menu bar includes: Acquisitions, Tech. processing, Circulation, Serials Management, Administration, Reports, Queries, Utilities, Windows, and About. The Acquisitions menu is open, listing various functions such as Search by Title, Process requests, Process approval supplies, Firm orders, Receive orders, Delete Invoice, Gifts, Accession received items, Delete Accession number, Process payment (invoice received), Rollback payment, Invoice payment details, Claims for unsupplied items, and Process Quotation. A pop-up window titled 'Welcome to SDM-IMD Library, Mysore' is overlaid on the interface, showing the date 'Feb 08, 2008' and a table with two columns: 'Nature' and 'Number pending'.

| Nature | Number pending |
|--------|----------------|
|        | 2              |
|        | 5              |
| oved   | 1              |
|        | 1              |
|        | 2              |

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# Circulation Module

Administration Acquisitions Cataloguing Serial Management Circulation Utilities

Check out

Patron ILL requested library ILL requested patron

Library Central Library

Patron ID 94ed033 Department ELECTRONICS

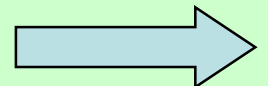
Patron Name ABDUL KALAM APJ

Barcode

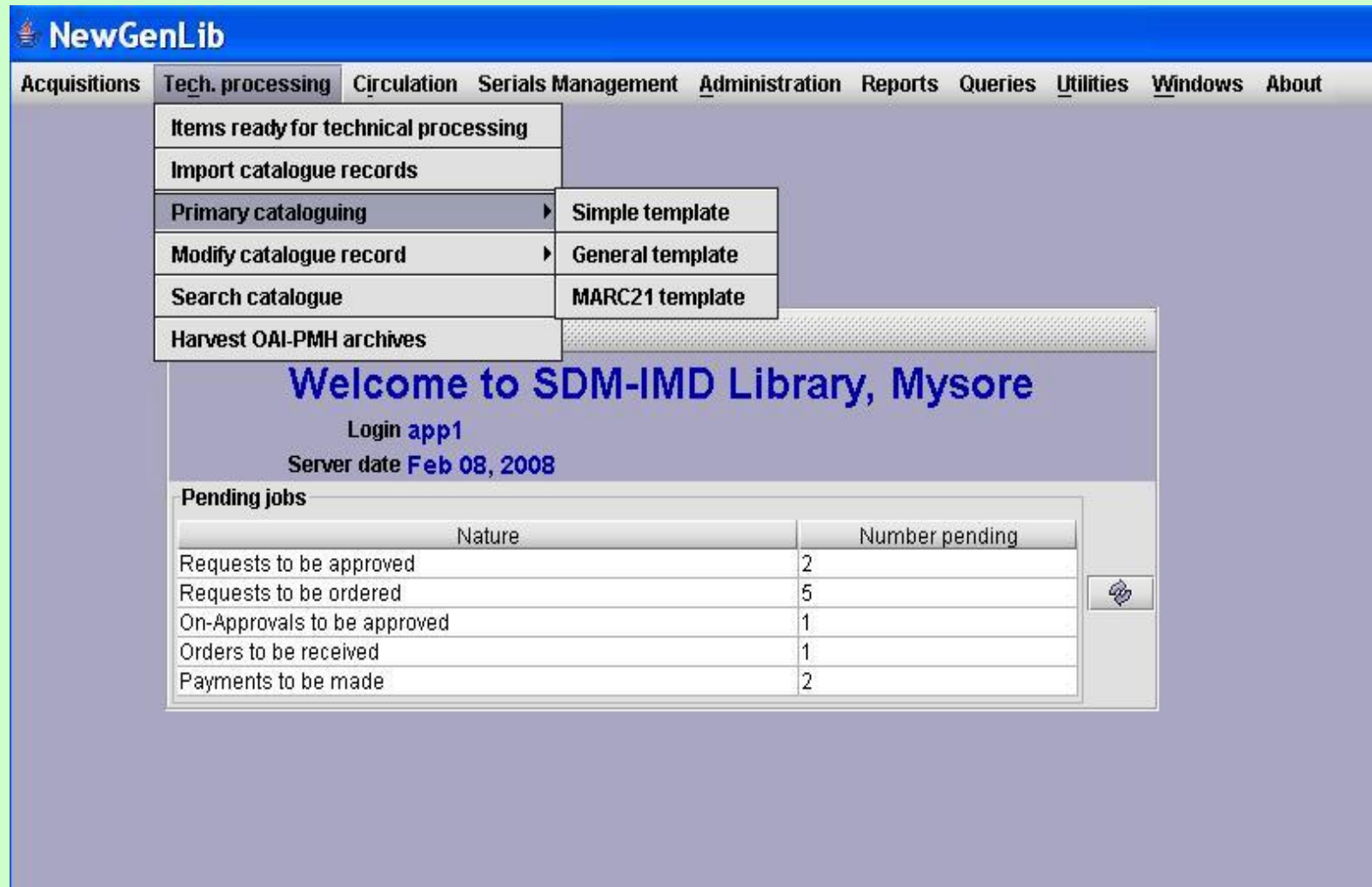
| Barcode | Title              | Author        | Volume | Physical / Presentati... | Due date     |
|---------|--------------------|---------------|--------|--------------------------|--------------|
| 3209    | Knowledge manag... | Awad, Elias M |        | Book (Print, Microfor... | Feb 16, 2004 |

Check out H ? Cancel Close

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# Technical processing job



The screenshot displays the NewGenLib web application interface. The top navigation bar includes the following menu items: Acquisitions, Tech. processing, Circulation, Serials Management, Administration, Reports, Queries, Utilities, Windows, and About. The 'Tech. processing' menu is expanded, showing the following options:

- Items ready for technical processing
- Import catalogue records
- Primary cataloguing (with sub-options: Simple template)
- Modify catalogue record (with sub-option: General template)
- Search catalogue (with sub-option: MARC21 template)
- Harvest OAI-PMH archives

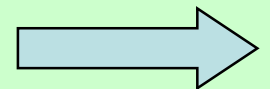
Below the menu, a central panel displays the following information:

**Welcome to SDM-IMD Library, Mysore**  
Login app1  
Server date Feb 08, 2008

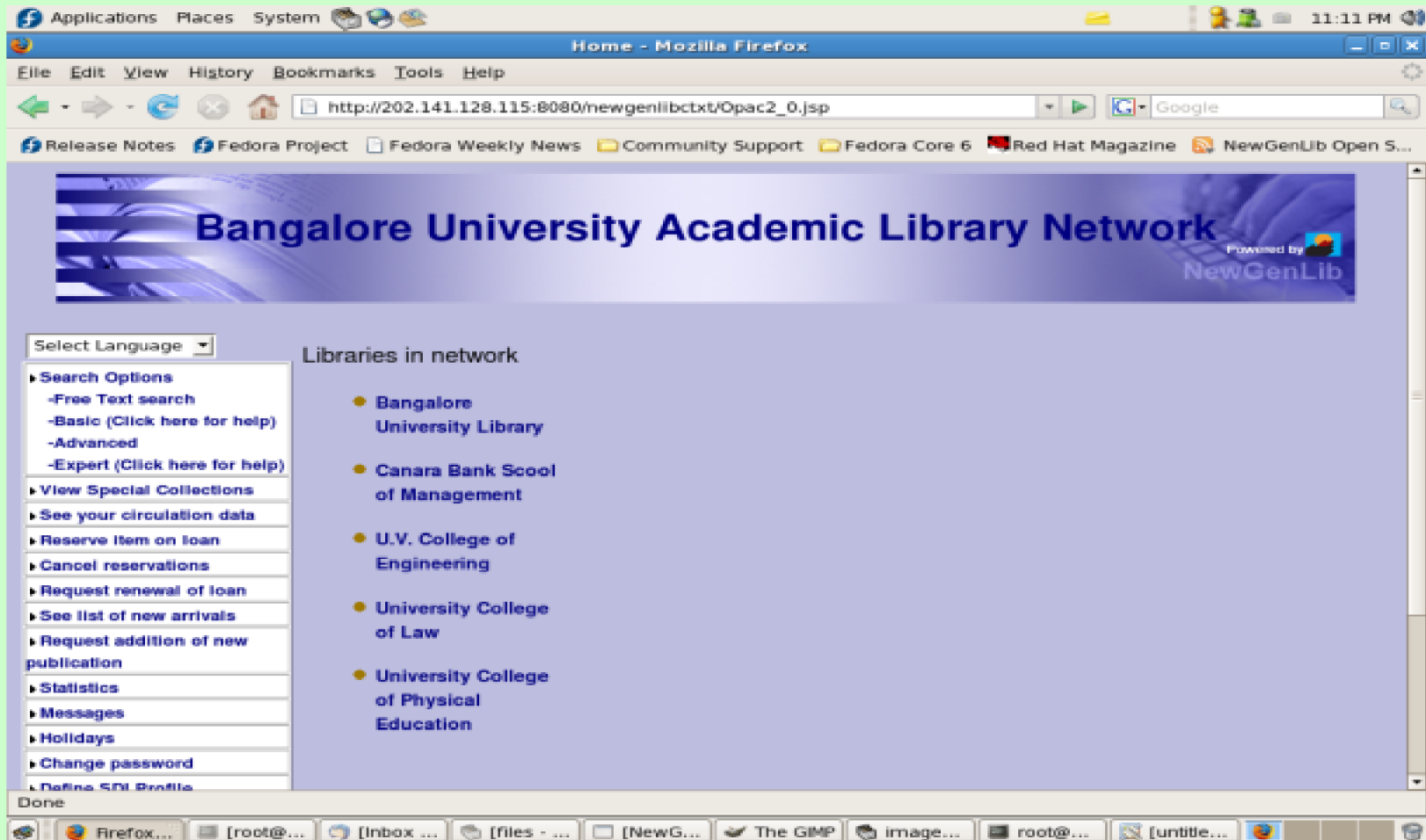
**Pending jobs**

| Nature                      | Number pending |
|-----------------------------|----------------|
| Requests to be approved     | 2              |
| Requests to be ordered      | 5              |
| On-Approvals to be approved | 1              |
| Orders to be received       | 1              |
| Payments to be made         | 2              |

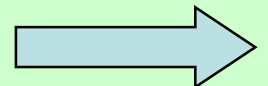
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# Simple Search



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# Koha

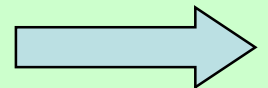
- Promising full featured open source ILS
- Koha has using library ILS standards and uses the OPAC interface
- Libraries can receive technical support from any party they choose.

# Evergreen ILS

- The Evergreen ILS developed and maintained by the Georgia Public Library Service for
- use by the Georgia Library PINES Program, a consortium of 252 public libraries. Evergreen
- is the first open-source library automation system designed from scratch for large-scale
- deployment in very large public library and state-wide consortium environments. The
- Evergreen ILS use Linux, MYSQL Mozilla and Jabber.

# Free Web Publishing

1. *Synthasite.com*
2. *WordPress*
3. *Drupal*
4. *MediaWiki*
5. *Google*



# Blogs in the Library Sphere

Library and Information Service Homepage - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://library.curtin.edu.au/> Go Links >>

**University of Technology** **Library & Information Service**

- Catalogue
- Reserve
- Borrower Info
- Gecko
- Databases A-Z
- Find e-Journal
- Article Find It
- Proquest 5000
- Science Direct
- InfoTrac Onefile
- Medline
- PsycINFO
- Web of Knowledge
- Informit Online
- AusStats
- CSA
- More...

Other links

Geoff Gallop Collection

John Curtin Prime Ministerial Library

OASIS

**PODCASTS**  
@your library

**sms** a Query  
0421 261 139

- Catalogue Tools
- Databases & Electronic Research Tools
- Web Searching Resources
- Guides & Training
- Borrower Information
- Teaching Support
- Information & Services
- Referencing Resources
- Exam & Course/Subject Specific Student Resources
- Study Skills
- Handy Web Resources
- Research Support

**single search @ your library**

For quick searches of library resources including the library catalogue, library website, research repositories, digital theses, and selected library databases. For more complex searches we suggest you search the resources directly.

**blog @ your library**  
news, resources, events ...

Geoff Gallop Lecture. View "The Case for Politics", a Curtin University Library lecture by Dr Geoff Gallop delivered on 30th November 2006 to mark the launch of the Gallop Collection. Audio, video and a written transcript of the lecture is available.

Read another book review and check out our book reviews podcasts! . Read the review of The Summer Garden by Paullina Simons ... and hear selected book reviews as part of our summer podcasts series.

End of RefWorks trial. The Refworks trial ends on Friday 24th November!

More news...

Local intranet

Feb,2009

# Conclusion

- Very powerful solutions available today that could be used to create a much more resourceful library,
- By using open source software in the library, money that otherwise would be spent on software solutions can be used for other important resources
- Free software is constantly being updated, changed, and customized to meet the library's needs.

Thank you

Yvon \*