



NewGenLib: An Overview





Agenda

- **NewGenLib**
 - What is NewGenLib
 - Why NewGenLib
 - Unique features
 - Technologies used
 - International standards
 - Functionality and features
 - Support



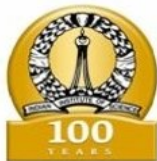
NewGenLib - overview

- New Generation in Library Automation and Networking solution
- Developed as an initiative of two Institutions
 - Professional charitable trust – Kesavan Institute of Information and Knowledge Management
 - Professional software company – Verus Solutions Pvt. Ltd.
- NewGenLib is developed by Librarians for Libraries
- Released in March 2005 as a commercial ILAP software
- On 9th Jan 2008 declared as an Open Source ILAP software under GNU GPL Licence



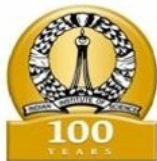
Versions

- Version 1.0 is released in March 2005 as a proprietary software
- Versions 2.0 and 2.1 have come up later
- Version 2.1.2 released in August 2007
- Version 2.2 beta released in April 2008
- Version 3.0 development under progress



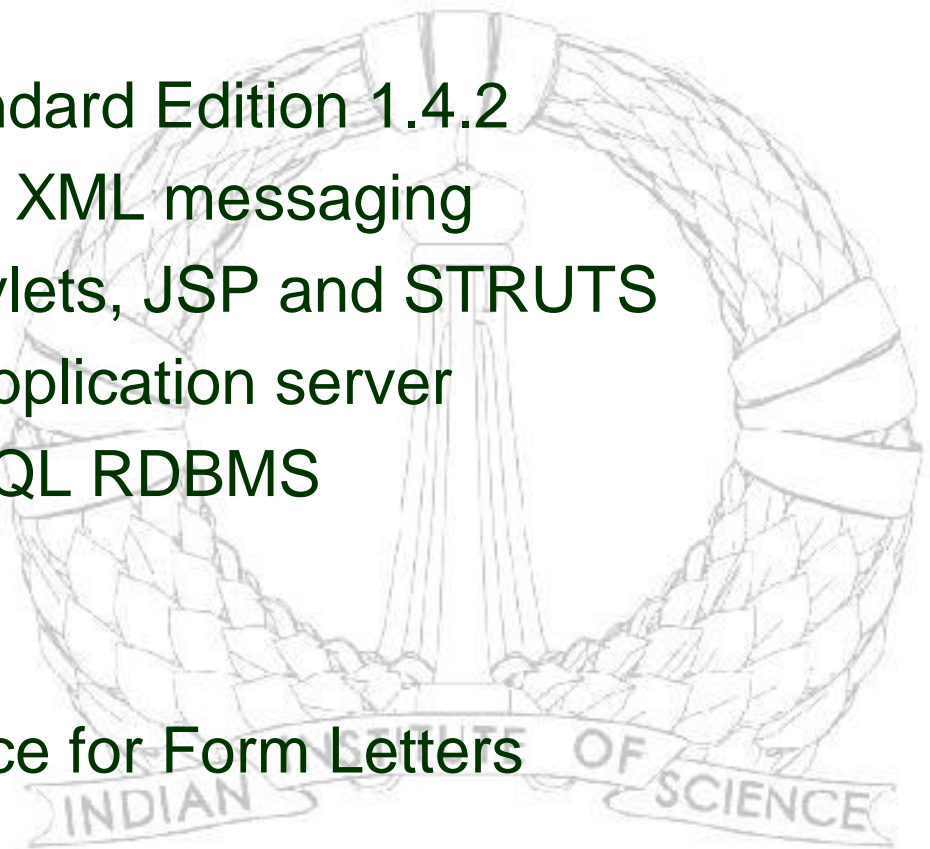
Unique features

- Uses state-of-art, open-source and Java based technologies for scalability, reliability and affordability
- Provides for data entry, storage and retrieval in non-Roman script languages
- Database and operating system independent
- Supports for web services protocols
- Better support for RDBMS like PostgreSQL
- Use of open-source components make the product affordable
- Made in India Product



Technologies Used

- Java Standard Edition 1.4.2
- JDOM for XML messaging
- Java Servlets, JSP and STRUTS
- JBOSS application server
- PostgreSQL RDBMS
- Java Mail
- MARC
- Open office for Form Letters
- Hibernate
- Jasper reports





International metadata and Interoperability standards

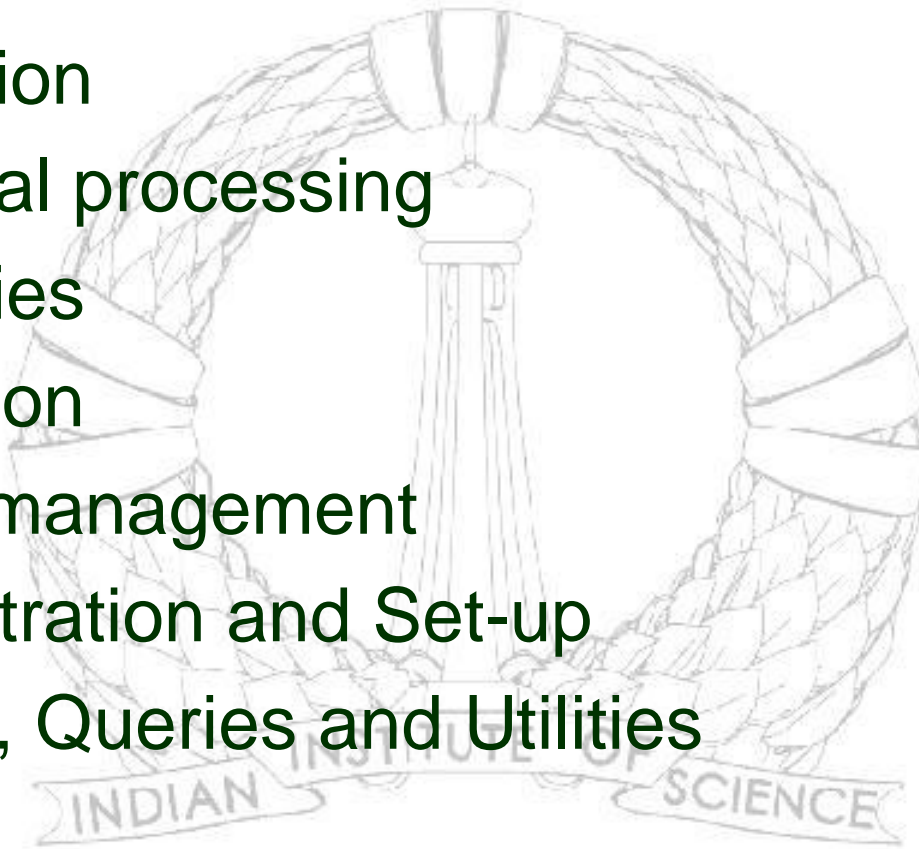


- MARC-21, MARC-XML, ISO-2709 bibliographic/metadata standards
- Z3950 client for federated searching
- OAI/PMH compliant, allows Institutional open-access repositories
- SRU/W compliant, supporting MARC-21, MODS 3.0 metadata formats
- UNICODE 3.0 and UTF-8 compliant
- CQL with both 'Bath' and 'Dublin Core' profiles supported



NewGenLib Modules

- Acquisition
- Technical processing
- Authorities
- Circulation
- Serials management
- Administration and Set-up
- Reports, Queries and Utilities
- OPAC





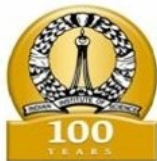
Functionality and features

- Web based full featured free ILAP
- Simple, clear web based interface for Librarians and Patrons
- Advanced search facility
- User suggestions, online reservations and renewals
- Enabling search limit by availability
- Active development in process



Functionality and features

- Extensive use of set-up parameters making for flexibility in configuring the software to suit specific needs
- Import of MARC data from authoritative sources such as LOC, OCLC
- Automatic validation of entered cataloguing data using authority files
- Catalogue record displays/downloading in different formats
- An expert search interface for defining and executing complex searches



Functionality and features

- Users can define their SDI profile in OPAC
- Inter Library Loan transactions supported
- Support for union catalogues
- Modules specific reports and queries
- Allows creation of open access Institutional Repositories compliant with OAI-PMH



NewGenLib support

- NewGenLib Documentation

- www.newgenlib.com

- Wiki

- <http://newgenlib.wiki.sourceforge.net>

- Discussion forums

- http://sourceforge.net/forum/?group_id=210780

- Blogs

- <http://newgenlibopensource.blogspot.com>

- Downloads

- http://sourceforge.net/project/platformdownload.php?group_id=210780

- FAQ on NewGenLib

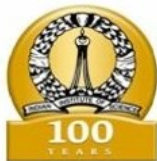
NCSI-IDRC Workshop on ILAP

3rd to 7th August 2009

NewGenLib: An

Overview

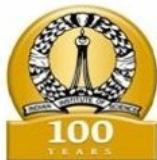
- <http://www.verussolutions.biz/FAQ/>



References

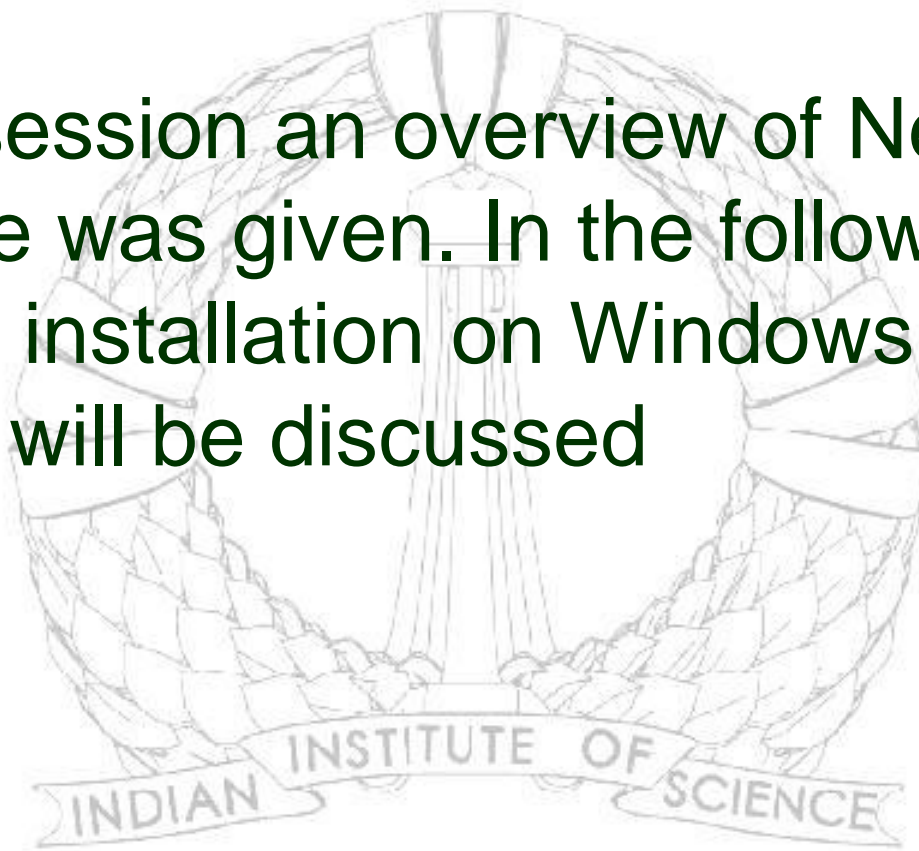
- www.newgenlib.com
- NewGenLib User Manual
“<http://downloads.sourceforge.net/newgenlib/UserManualAllModules.pdf>”

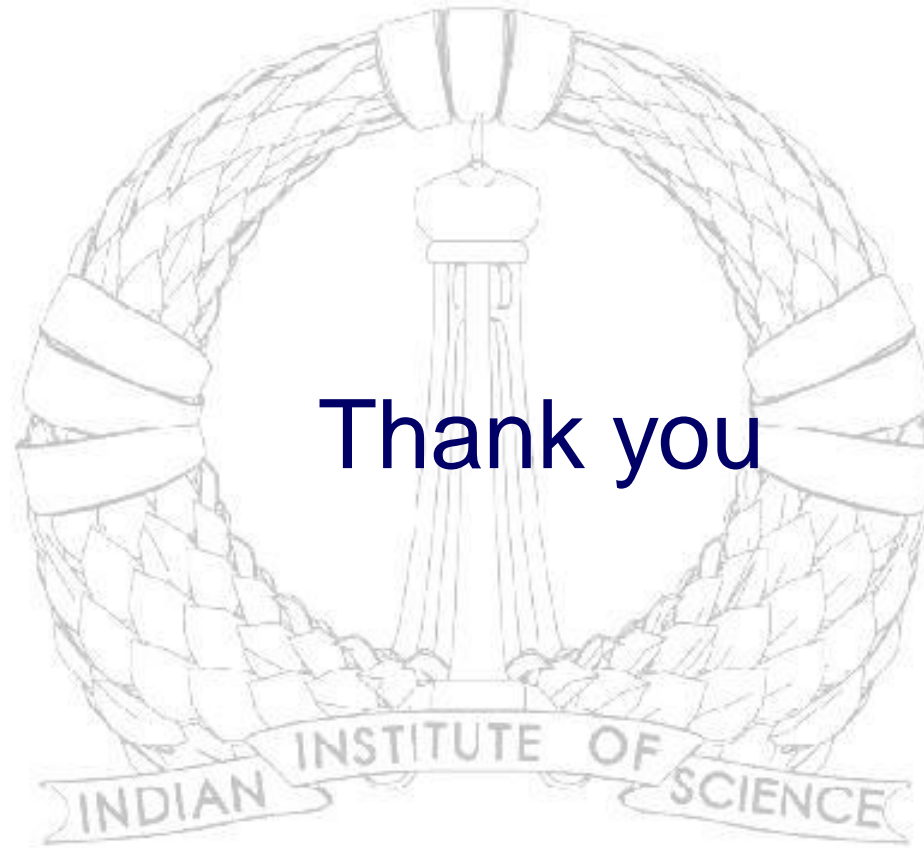




Conclusion

- In this session an overview of NewGenLib software was given. In the following session installation on Windows and Ubuntu will be discussed





Thank you