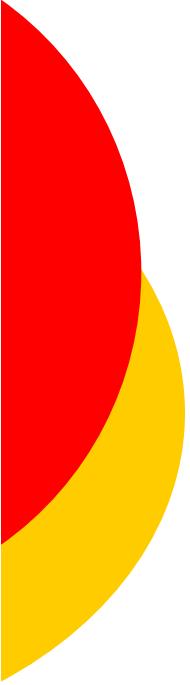


# Managing Digital Collections with Greenstone Digital Library Software

---

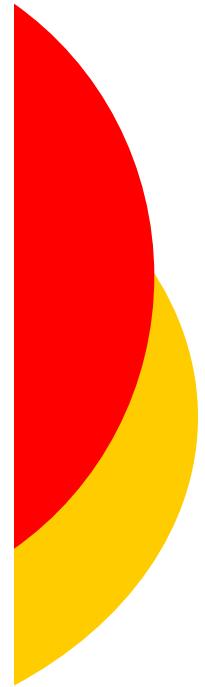
*Dr Venkata Rao Pokuri*  
*<pvrao@mgsipap.org>*



# Outline

---

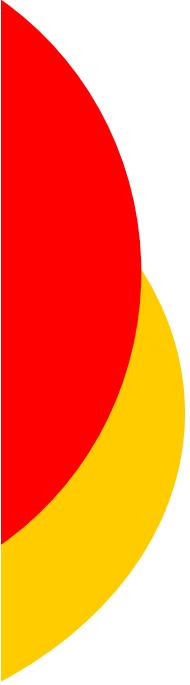
- Digital Collections
- Digital Library
- Open Source Software
- Greenstone Digital Library Software (GSDL)
- Installation of GSDL
- Using Librarian Interface (GLI)
- Using User Interface
- Practical examples



# Electronic Document

---

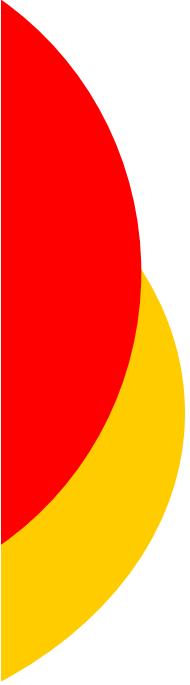
- When the content (text, picture, audio-video etc.) is created or stored electronically.
- An Electronic/Digital Document
  - Unit of work or Complete work
    - Electronically stored book is Electronic Document
    - Each chapter is Electronic Document
    - A picture embedded in the chapter



# Digital Collections

---

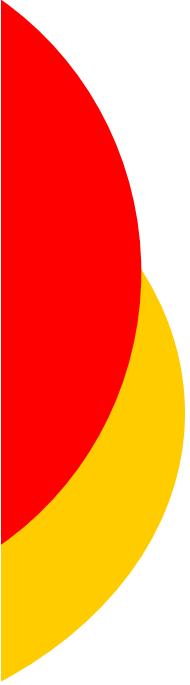
- Print documents as electronic documents
- Existing and future electronic documents
- Electronic document format
- Electronic Collections



# Digitization

---

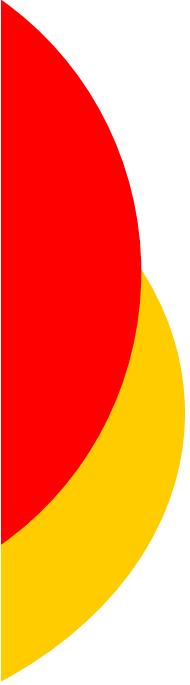
- Hard copies into electronic copies
  - Preserving the hard copies
  - Accessing the hardcopies electronically
  - Reusing the hard copies electronically



# Electronic Document Format

---

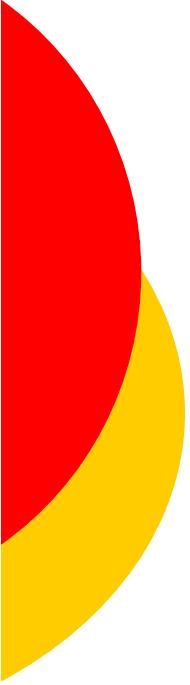
- Format adds special characteristics to the Electronic Document/Digital Document
  - Identify / Distinguish
  - Share
  - Web enabled
  - Convert
  - Compress



# Electronic Document Format

---

- Text format
  - Applicable to documents where content is largely textual.
- Image format
  - Used to create/store the digital image of text pages, photographs etc.
- Audio & Video format
  - Used for capturing , storing & processing audio and video
- Animation format

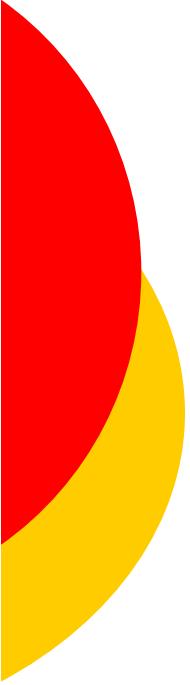


# Electronic Document Format

---

## Text format

- Simple Text File Format (TXT)
- Rich Text Format (RTF)
- Portable Document Format (PDF)
- Hypertext Markup Language (HTML)
- Microsoft Word Document (DOC)

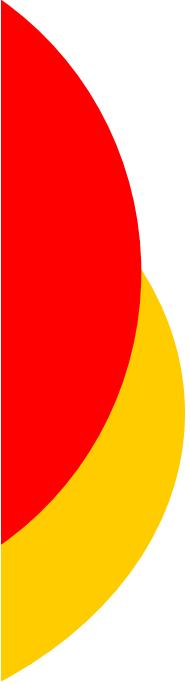


# Electronic Document Format

---

## Image format

- Graphics Interchange Format (GIF)
- Joint Photographers Expert Group (JPEG)
- Portable Network Graphics (PNG)
- Tagged Image File Format (TIFF)
- Bit Map Picture (BMP)

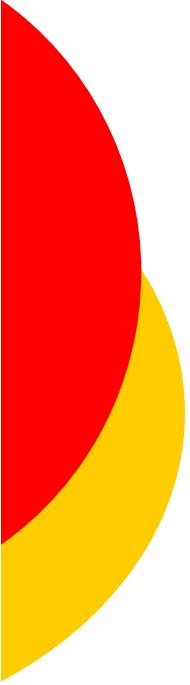


# Electronic Document Format

---

## Audio format

- Wave (Wav)
- Musical Instrument Digital Interface (MIDI)
- Real Audio (RA)
- Motion Picture Experts Group (MPEG)  
Audio Layer 3 (Mp3)/(Mp4)
- Windows Media Audio (WMA)

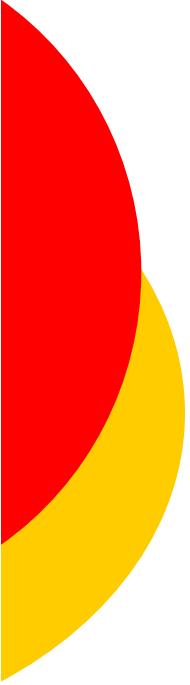


# Electronic Document Format

---

## Video format

- Motion Picture Experts Group (MPEG)
- Real Video (RA/RAM)
- Audio Video Interleave (AVI)
- Windows Media Video (WMV)
- QuickTime (MOV)
- Flash Video (FLV)

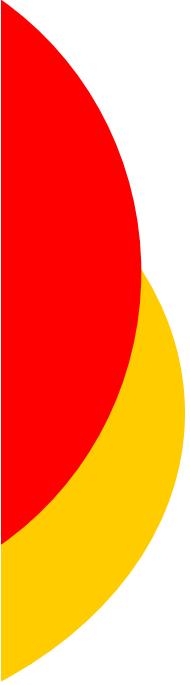


# Electronic Document Format

---

## Animated format

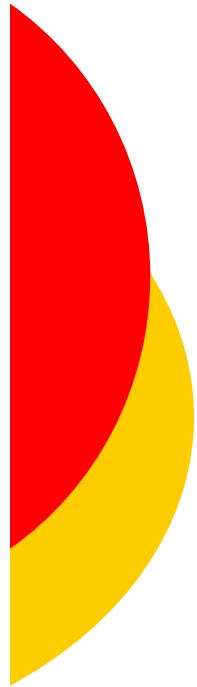
- Graphics Interchange Format (GIF)
- Audio Video Interleave (AVI)
- Moving Picture Experts Group (MPEG)
- Shockwave Flash (SWF)
- Quick Time (QT)



# Digital Collections

---

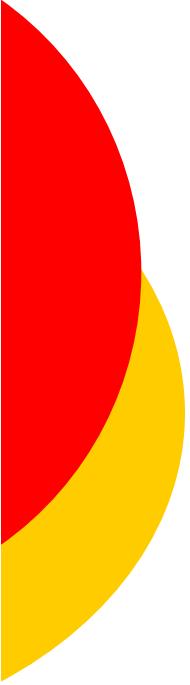
- Existing electronic documents
- Future electronic documents



# Managing Electronic Collections

---

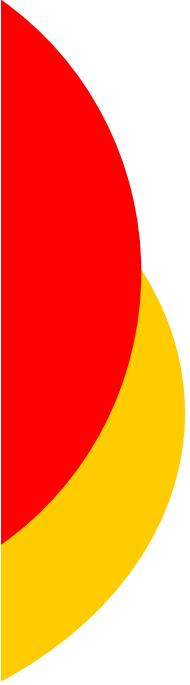
- Electronic collections
- Electronic format
- Indexing & Retrieval
- Storage
- Access
- Delivery
- Archive



# Digital Library

---

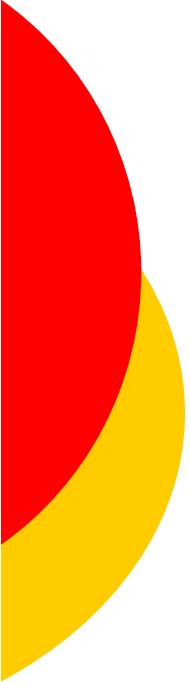
*“A digital library is an organised and focused collection of digital objects, including text, images, video and audio, along with methods for access and retrieval, and for selection, creation, organization, maintenance and sharing of the collection”*



# Digital Library: Key Components

---

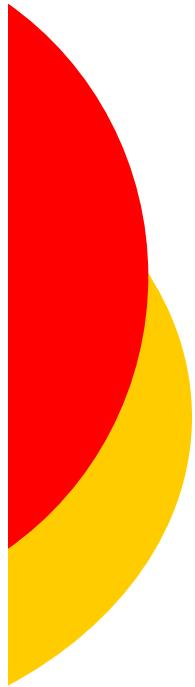
- Selection and Acquisition
- Organization of documents
- Indexing and storage
- Search and retrieval
- Access and delivery
- Compliance to Standards



# Digital Library Software

---

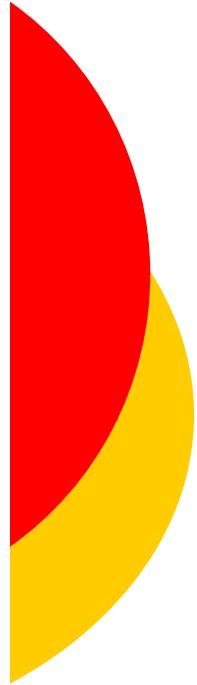
- A key requirement for development and deployment
  - Commercial Software
  - Open Source Software (OSS)



# Open Source Software

---

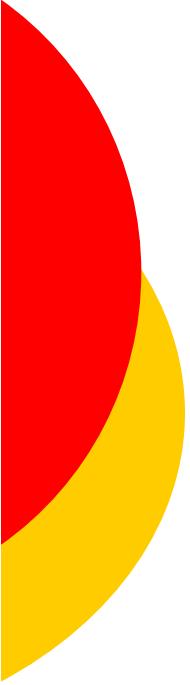
- Ability to run, change, and improve the software
- Redistribute it in modified or unmodified form
- Collaborative software method
- Source Code is made accessible
- Driver of innovation



# Open Source Software

---

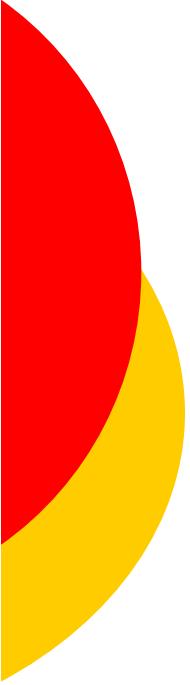
- Proprietary Software
  - development behind walls
  - Source Code
  - Vendor
  - Reliability
  - Minimal freedom to customize
  - License fee



# Open Source Software

---

- Source Code developed over the Internet (Public View)
- Reliability -Peer Review
- No dependency on Vendor
- No license fee
- Flexibility to customize
- User-centric development

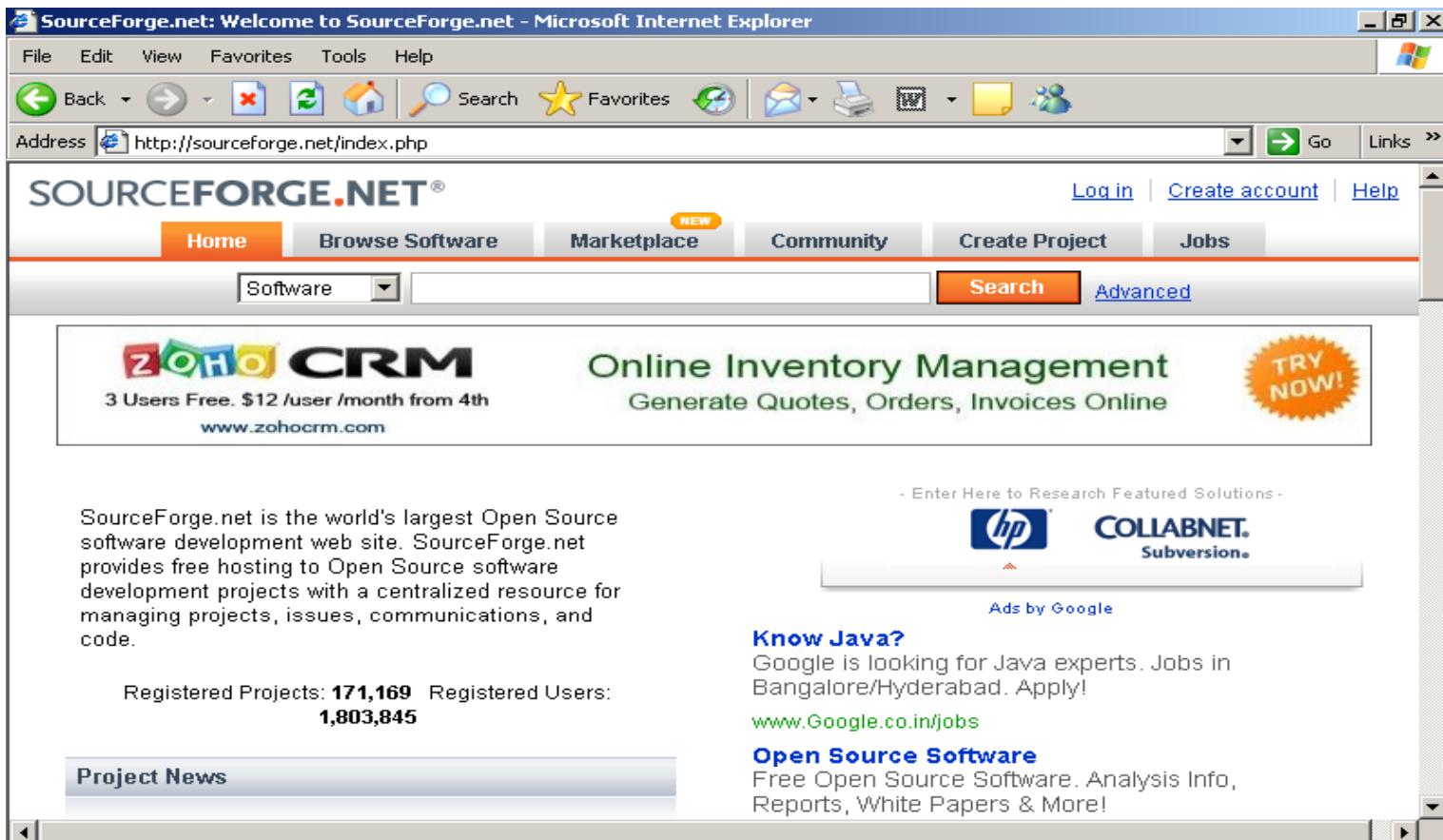


# OSS Applications

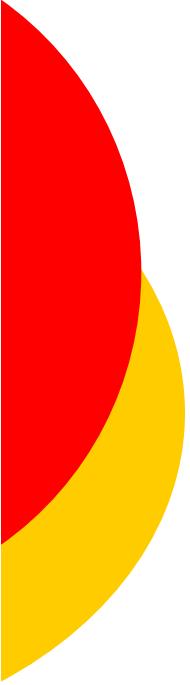
---

- Operating System
  - Linux
- Application Software
  - Desktop : OpenOffice
  - Web Browser: Firefox
- Many other applications...

# Open Source Software



The screenshot shows the SourceForge.net homepage as it appeared in Microsoft Internet Explorer. The page features a large orange header with the text 'Open Source Software'. Below the header is a navigation bar with links for 'File', 'Edit', 'View', 'Favorites', 'Tools', 'Help', 'Back', 'Forward', 'Search', 'Favorites', 'Community', 'Create Project', and 'Jobs'. The address bar shows the URL 'http://sourceforge.net/index.php'. The main content area has a grey header with 'SOURCEFORGE.NET®' and a navigation menu with 'Home' (highlighted in orange), 'Browse Software', 'Marketplace', 'Community', 'Create Project', and 'Jobs'. Below this is a search bar with a dropdown menu set to 'Software' and a 'Search' button. The page contains several advertisements: one for 'ZOHOCRM' with the text '3 Users Free. \$12 /user /month from 4th' and 'www.zohocrm.com'; another for 'Online Inventory Management' with the text 'Generate Quotes, Orders, Invoices Online' and a 'TRY NOW!' button; and a third for 'hp' and 'COLLABNET Subversion'. There is also a section for 'Project News' and a sidebar with links for 'Know Java?' (with text about Google looking for Java experts), 'Open Source Software' (with text about free open source software), and 'Ads by Google'.

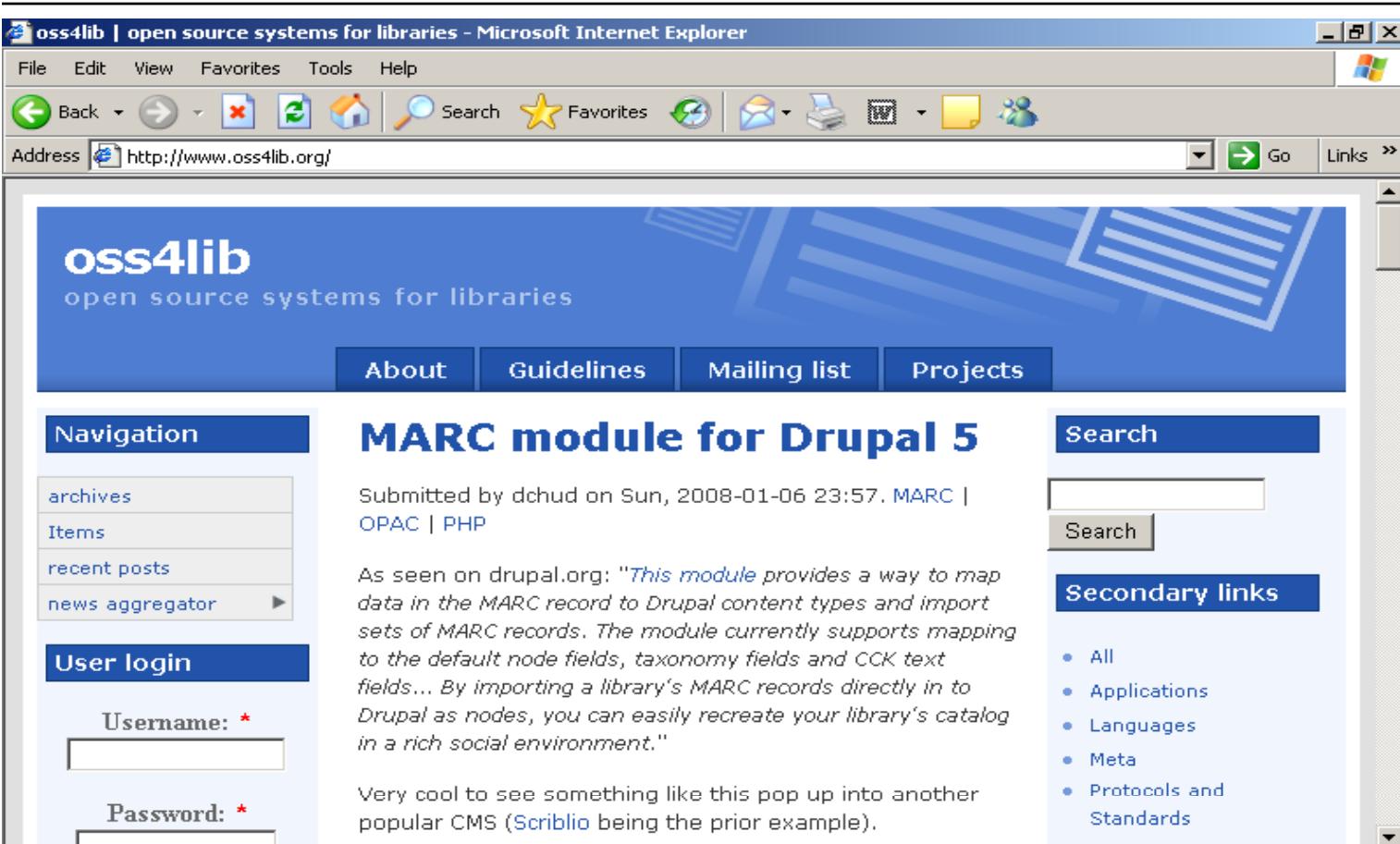


# OSS for Libraries

---

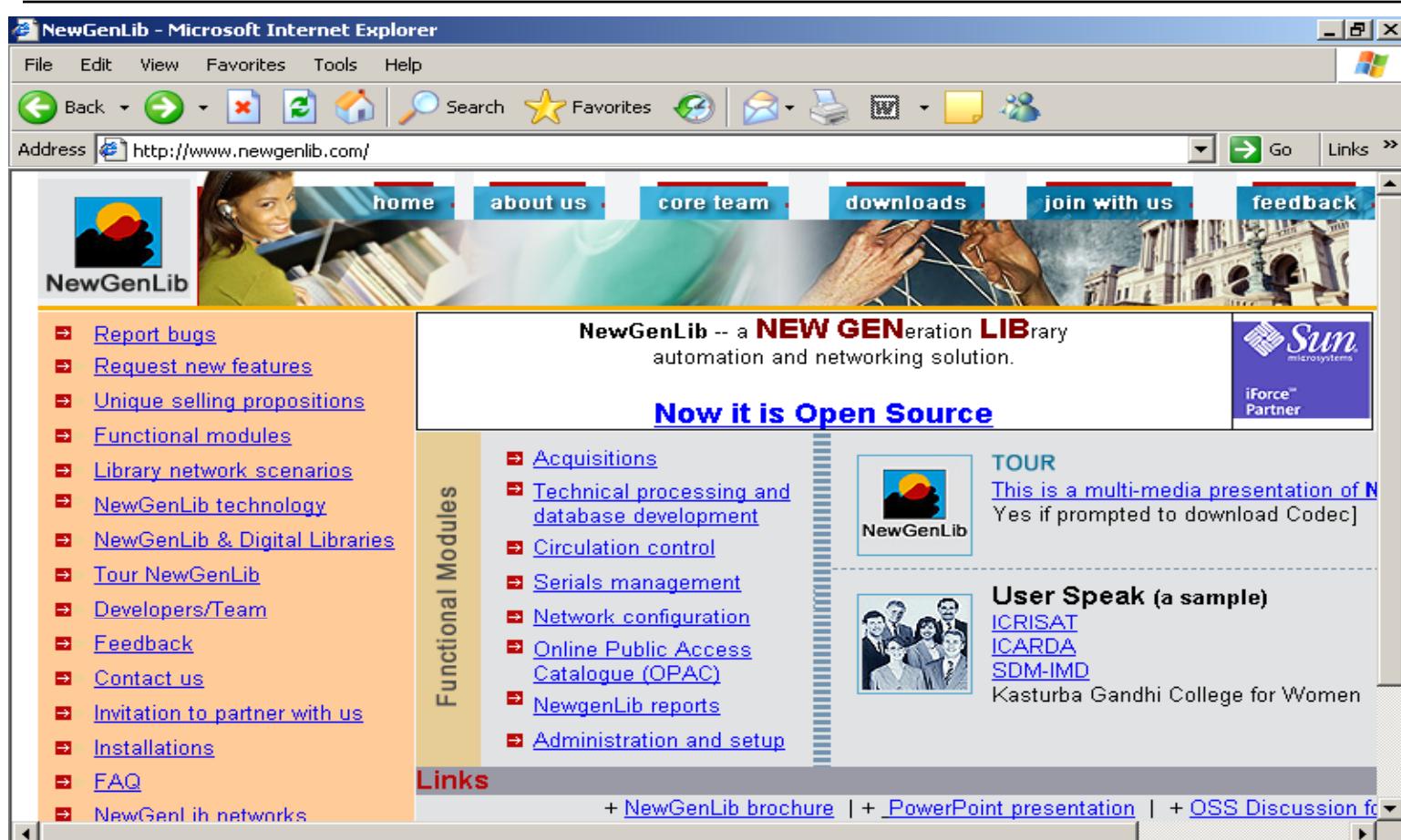
- Database Management Systems
- Library Management Systems
- Digital Library Software
- Institutional Repository Software
- Content Management Software
- Many other applications...

# Open Source Software



The screenshot shows a Microsoft Internet Explorer window displaying the oss4lib website. The title bar reads "oss4lib | open source systems for libraries - Microsoft Internet Explorer". The menu bar includes File, Edit, View, Favorites, Tools, and Help. The toolbar includes Back, Forward, Stop, Refresh, Home, Search, Favorites, and other icons. The address bar shows "http://www.oss4lib.org/". The main content area features a blue header with the oss4lib logo and the tagline "open source systems for libraries". Below the header is a navigation menu with links for About, Guidelines, Mailing list, and Projects. The central part of the page is titled "MARC module for Drupal 5" and contains a brief description of the module's purpose and functionality. To the left is a "Navigation" sidebar with links to archives, Items, recent posts, and news aggregator. To the right is a "Search" sidebar with a search input field and a "Search" button. A "Secondary links" sidebar on the far right lists categories like All, Applications, Languages, Meta, and Protocols and Standards.

# Open Source Software



NewGenLib - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Go Links

Address http://www.newgenlib.com/

home · about us · core team · downloads · join with us · feedback ·

NewGenLib

→ Report bugs  
→ Request new features  
→ Unique selling propositions  
→ Functional modules  
→ Library network scenarios  
→ NewGenLib technology  
→ NewGenLib & Digital Libraries  
→ Tour NewGenLib  
→ Developers/Team  
→ Feedback  
→ Contact us  
→ Invitation to partner with us  
→ Installations  
→ FAQ  
→ NewGenLib networks

**NewGenLib -- a NEW GENERATION LIBRARY automation and networking solution.**

**Now it is Open Source**

Sun  
iForce™ Partner

**Functional Modules**

→ Acquisitions  
→ Technical processing and database development  
→ Circulation control  
→ Serials management  
→ Network configuration  
→ Online Public Access Catalogue (OPAC)  
→ NewgenLib reports  
→ Administration and setup

**Links**

+ NewGenLib brochure | + PowerPoint presentation | + OSS Discussion fo

**TOUR**  
This is a multi-media presentation of N  
Yes if prompted to download Codec]

NewGenLib

**User Speak (a sample)**  
ICRISAT  
ICARDA  
SDM-IMD  
Kasturba Gandhi College for Women

# Open Source Software

[Home](#) | [Site Map](#) | [Legal Notices](#)



ABOUT SHOWCASE DOWNLOAD SUPPORT COMMUNITY

## koha v.2.2

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, it is currently maintained by a team of software providers and library technology staff from around the globe.

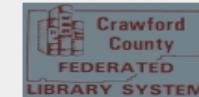
- > [read more](#)
- > [demo](#)
- > [download](#)



## New Koha Extensions Manager Site Released

The new contribs site is a place where you can find plugins, like template sets, browser plugins, migration tools and command line utilities for Koha.

Check it out at <http://contribs.koha.org>



The Koha community welcomes Crawford County Federated Library System, USA. [visit CCFLS](#)

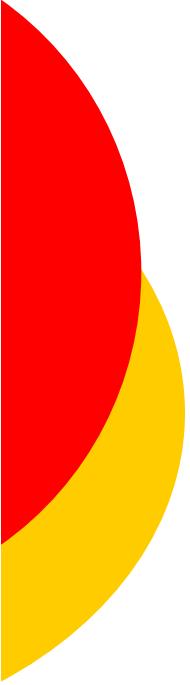
### Latest News

- > [Koha 2.2.9 Released](#)  
21 May 2007
- > [New Extensions Manager Website Launched](#)  
17 Jan 2007
- > [Koha 2.2.7 with new z39.50 client released](#)  
27 Nov 2006

[more news](#)

### Quick Links

- > [Documentation](#)
- > [Development Wiki](#)
- > [Discussions](#)
- > [Koha for Windows](#)
- > [Bugzilla](#)
- > [Koha at Savannah](#)
- > [ViewCVS](#)
- > [Chat Information](#)



# Digital Library Software

---

- Greenstone Digital Library Software  
[www.greenstone.org](http://www.greenstone.org)
- Kete  
<http://kete.net.nz>

# Greenstone Digital Library Software



# Kete Digital Library Software

Welcome - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Back Forward Reload Stop Home Print http://kete.net.nz/ WorldCat Web to PDF

Kete.net.nz

Blog Themes

Search:  Go

library WORLDCAT Trust

he kete kōrero, nā tātou, mō tātou  
telling our stories together

Home | Browse | About | Help | Contact | Add Item Register | Login

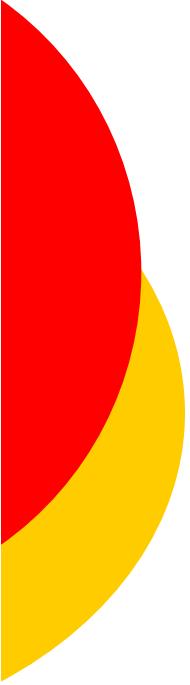
**Kete Resources on this Site:**

- The [Downloads page](#) and the new [Installation Guide](#)
- the list of available [Vendors](#) for support of Kete
- the Kete [Documentation](#), with discussion for getting answers to your questions and wiki-style collaborative editing
- the [Training Handbook](#) for creating Kete content
- the [Blog](#) for Kete announcements, news, and other articles
- the [Themes basket](#) to find how you can use themes to change the look of your kete, download one from the repository, or add a theme to share with the community
- the list of [sites that run on Kete](#), add yours!
- have an problem with Kete or want to request a feature? Read how to raise your issue in ["How to add a ticket"](#)

All documentation, discussion and resources about the Kete project.

**Award**™  
The best in e-Content & Creativity

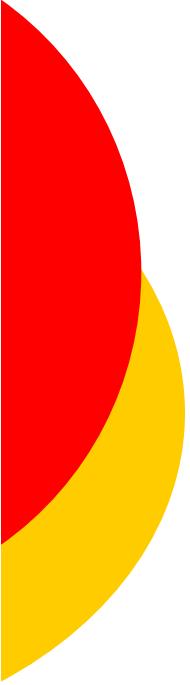
Special mention at 2007 World Summit Awards : North America and



# Greenstone Digital Library Software (GSDL)

---

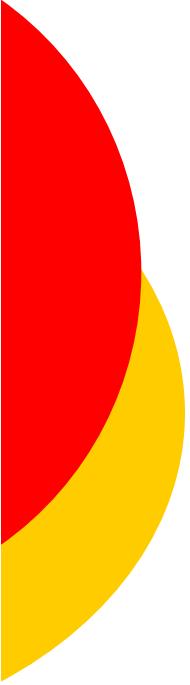
- Open Source Software promoted by New Zealand Digital Library Project
- Produced at the University of Waikato, New Zealand
- Developed and distributed in cooperation with UNESCO and Human Info NGO, Belgium
- Issued under the GNU General Public License



## GSDL : Introduction

---

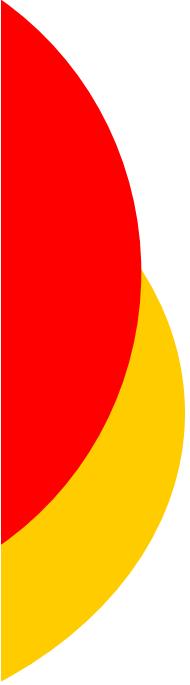
- Building digital libraries
- Distributing digital collections
- Organizing information
- Publishing on the Internet
- CD-ROM Collection



## GSDL - Objective

---

The aim of the software is to empower users, particularly, in universities, libraries and other public service institutions, to build their own digital libraries.

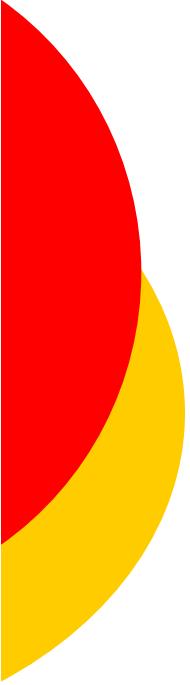


## GSDL: Download

---

- Current Version 2.82 (16 June 2009)
- This distribution includes:
  - Pre-built demonstration collection
  - Developing new collections
- Available for free to download from
  - [www.greenstone.org](http://www.greenstone.org)
  - [www.sourceforge.net](http://www.sourceforge.net)

# GSDL: Download



**Download :: Greenstone Digital Library Software - Windows Internet Explorer**

File Edit View Favorites Tools Help

Convert Select

greenstone.org greenstone wiki greenstone trac planet greenstone

en fr ru es ro ar

greenstone digital library software

Home Download Examples Wiki Support Developers

**Latest Distribution (2.82)** [Release Notes](#)

The main Greenstone download, suitable for most users. Includes everything you need to create and host Greenstone collections.

For Windows [Greenstone-2.82-win32.exe](#) (62MB) [show info](#)

For MacOS [Greenstone-2.82-MacOS-intel.dmg](#) (36MB) [show info](#)

For GNU/Linux [Greenstone-2.82-linux](#) (57MB) [show info](#)

**Latest Source Distribution (2.82)** [Release Notes](#)

The *Source Distribution* is a complete source distribution of Greenstone. The *Sourcecode Top-up* is used to add the source code to a binary distribution of Greenstone (above).

Source Distribution [\(zip, 55MB\)](#) [\(tar.gz, 52MB\)](#) [show info](#)

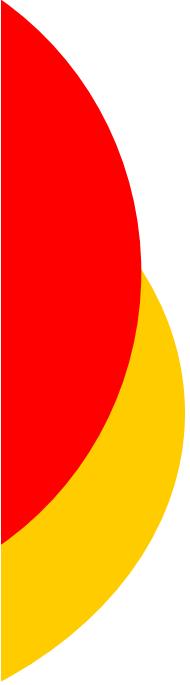
Sourcecode Top-up [\(zip, 26MB\)](#) [\(tar.gz, 24MB\)](#) [show info](#)

**Nightly Release Snapshots**

Every night, Greenstone snapshot releases are automatically generated for windows, linux, and mac. They are made available at our [snapshots page](#).

Done Internet 100% 10:44 AM

Start Inbox - Outlook Express Download :: Greenstone... Welcome - Windows Int... Gmail - Inbox (65) - venk...

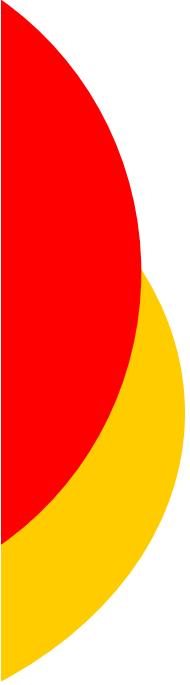


# GSDL - Features

---

## Platforms:

- Runs on all versions of Windows, Unix, Mac OS-X.
- End users can install the software on desktops
- Institutional users run it on their main web server, where it interoperates with standard web server software (Apache).

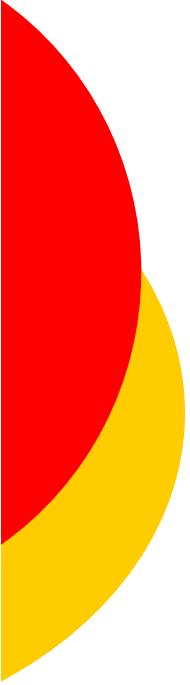


## GSDL - Features

---

### Interface:

- End users access the digital library collections through the User Interface, which operates within a web browser.
- The Librarian Interface is a Java-based graphical interface

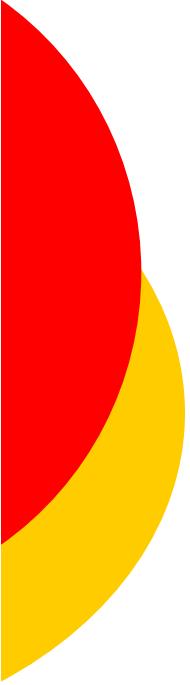


# GSDL - Features

---

## Metadata Format:

- New metadata sets can be defined using Greenstone's Metadata Set Editor.
- The pre-defined metadata sets in GSDL are:
  - Dublin Core (DC)
  - RFC 1807
  - New Zealand Government Locator Service (NZGLS)
  - Australian Government Locator Service (AGLS)

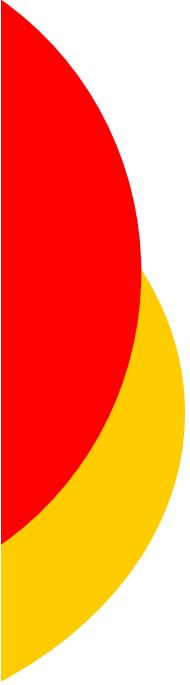


# GSDL - Features

---

## Plug-ins:

- Used to ingest externally prepared metadata in different forms
- Plug-ins exist for - XML, MARC, CDS/ISIS, ProCite, BibTex, Refer, OAI, DSpace, METS.
- Plug-ins are also used to ingest documents in different formats.
- For textual documents, the plug-ins are: PDF, Postscript, Word, RTF, HTML, Plain Text, Latex, ZIP Archives, Excel, PPT, Email, Source Code.
- For multimedia, the plug-ins are: Images (GIF, TIFF, JPG, JIF), MP3 Audio, MPEG, MIDI, etc.

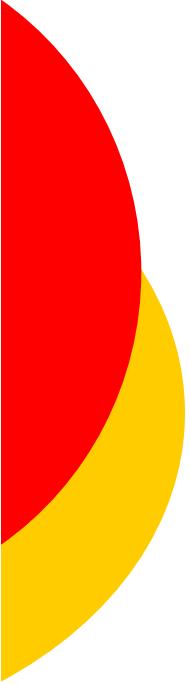


# GSDL - Features

---

## Interoperability:

- Can harvest documents over OAI-PMH (Open Archives Protocol for Metadata Harvesting) and include them in a collection.
- Any collection can be exported to METS and Greenstone can ingest documents in METS form.
- Any collection can be exported to DSpace ready for DSpace's batch import program, and any DSpace collection can be imported into Greenstone.

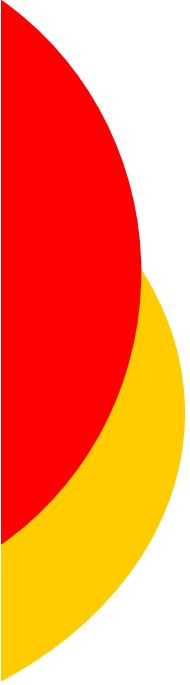


# GSDL - Features

---

## Multilingual:

- Uses UNICODE, which facilitates building, searching and browsing in any UNICODE compliant language
- The Users' interface is available in a number of languages, including Bengali, Hindi and Kannada

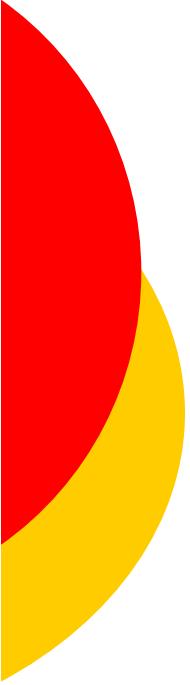


# GSDL - Features

---

## Multimedia:

- Allows creation of non-textual multimedia such as audio, video, and pictures accompanied by textual description or metadata
- Allows searching and browsing of multimedia

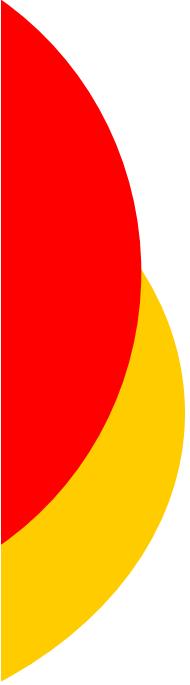


# GSDL - Features

---

## Indexing:

- Can build indexes from full text documents and also metadata associated with these documents.
- The indexes can be created for various metadata fields either automatically extracted or manually assigned.

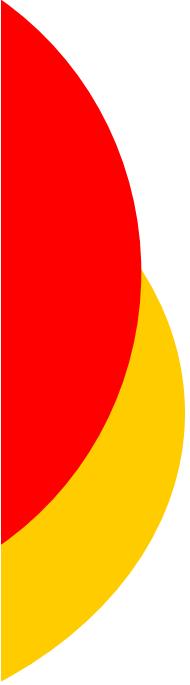


## GSDL - Features

---

### Search and Browse:

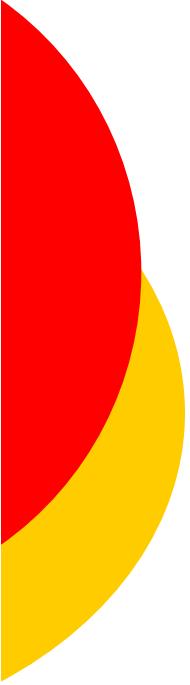
- Provides a variety of search options as full text based indexing is made possible.



# GSDL: Summary of features

---

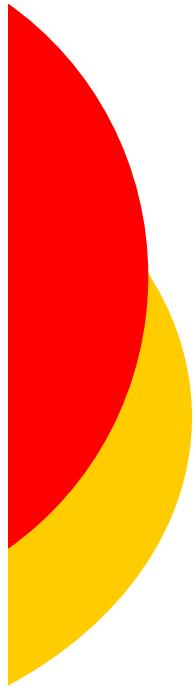
- Easy Installation and easy Maintenance
- Content Development - Predominantly GLI
- Interface Customization
  - Front Page Design, Header for the Digital Library, Collection Icon, Cover Images
- Collection Configuration (Collect.cfg) File
- Scalability, Flexibility
- Interoperability (Crosswalk), OAI Compliance



# GSDL : Summary of features

---

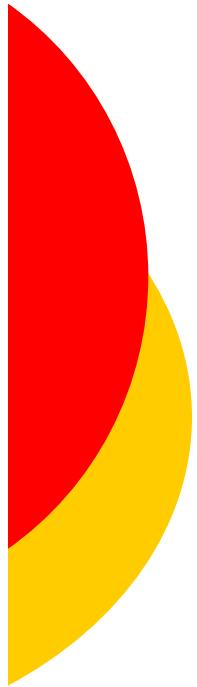
- ✓ Accessible via any Web browser
- ✓ Server runs on Windows and Linux
- ✓ Collections can be published on CD-ROM
- ✓ Full-text and fielded search
- ✓ Flexible browsing facilities
- ✓ Metadata-based (Dublin Core)
- ✓ Collection-specific



# GSDL: Summary of features

---

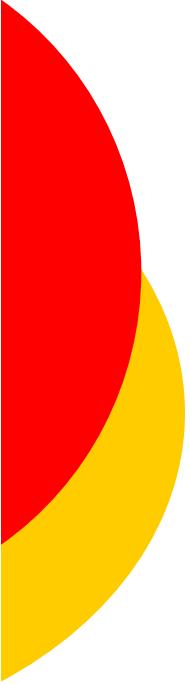
- ✓ Hierarchical phrase browsing supported
- ✓ Creates all access structures automatically
- ✓ Plugins – new document, metadata format
- ✓ Classifiers – new metadata browsers
- ✓ Multilingual: Documents and Interfaces
- ✓ Multimedia: video, audio collections



# GSDL - Installation (Windows)

---

- ⑩ Version 2.81
- ⑩ To run Greenstone under any 32 bit Windows environment (that is, Windows 95/98/Me/NT/2000/XP etc.).
- ⑩ Standard Windows installer program, simply download the file and double-click it to install



# GSDL : Software Required

---

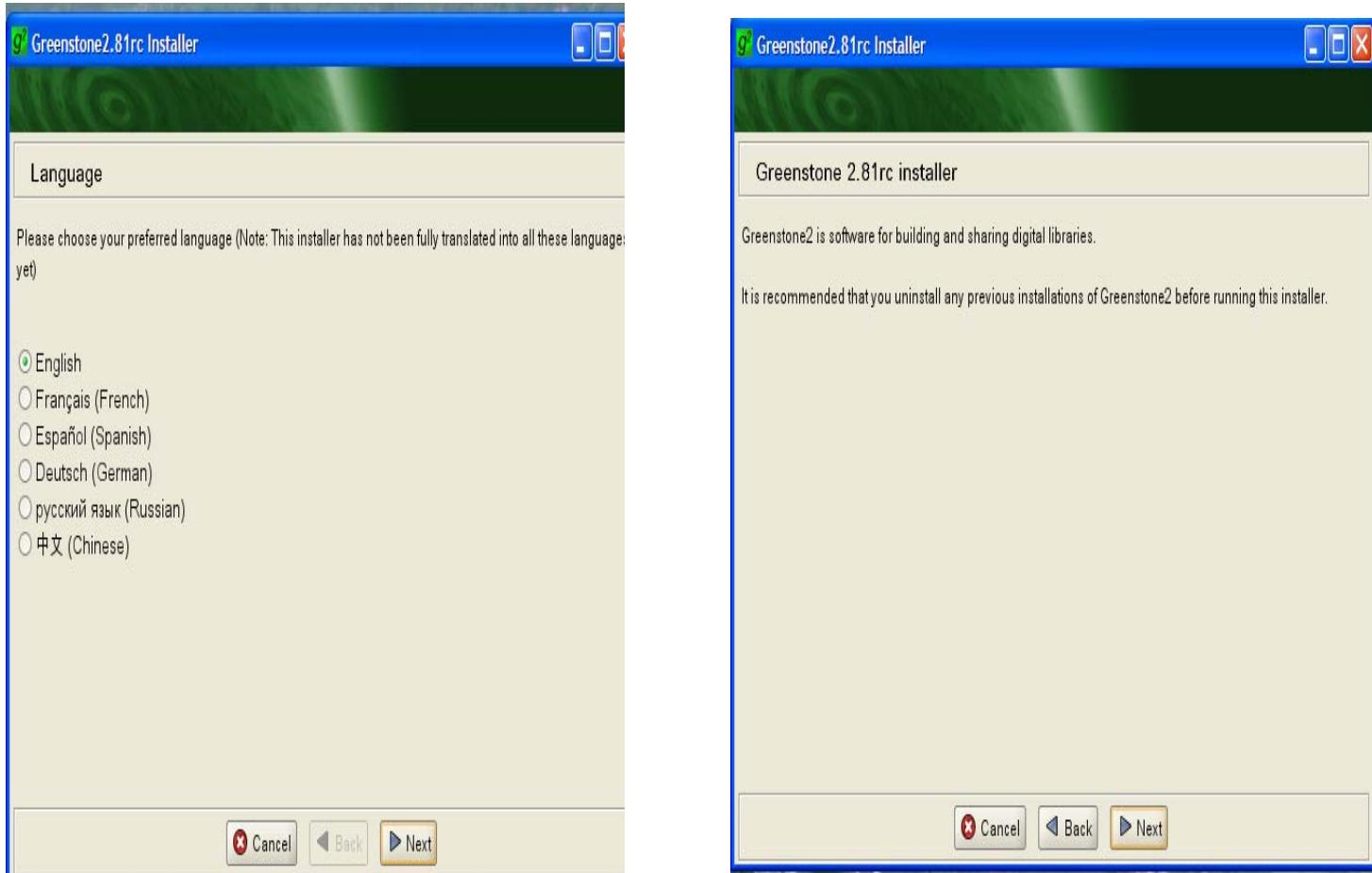
- Greenstone Digital Library Software  
<http://www.greenstone.org>  
*(Release 2.81 onwards JRE & ImageMagick are included in the GSDL installer)*
- Web Browser  
*(Internet Explorer/Netscape/Mozilla)*  
<http://www.msn.com>;  
<http://www.netscape.com>  
<http://www.mozilla.com>

# GSDL - Installation

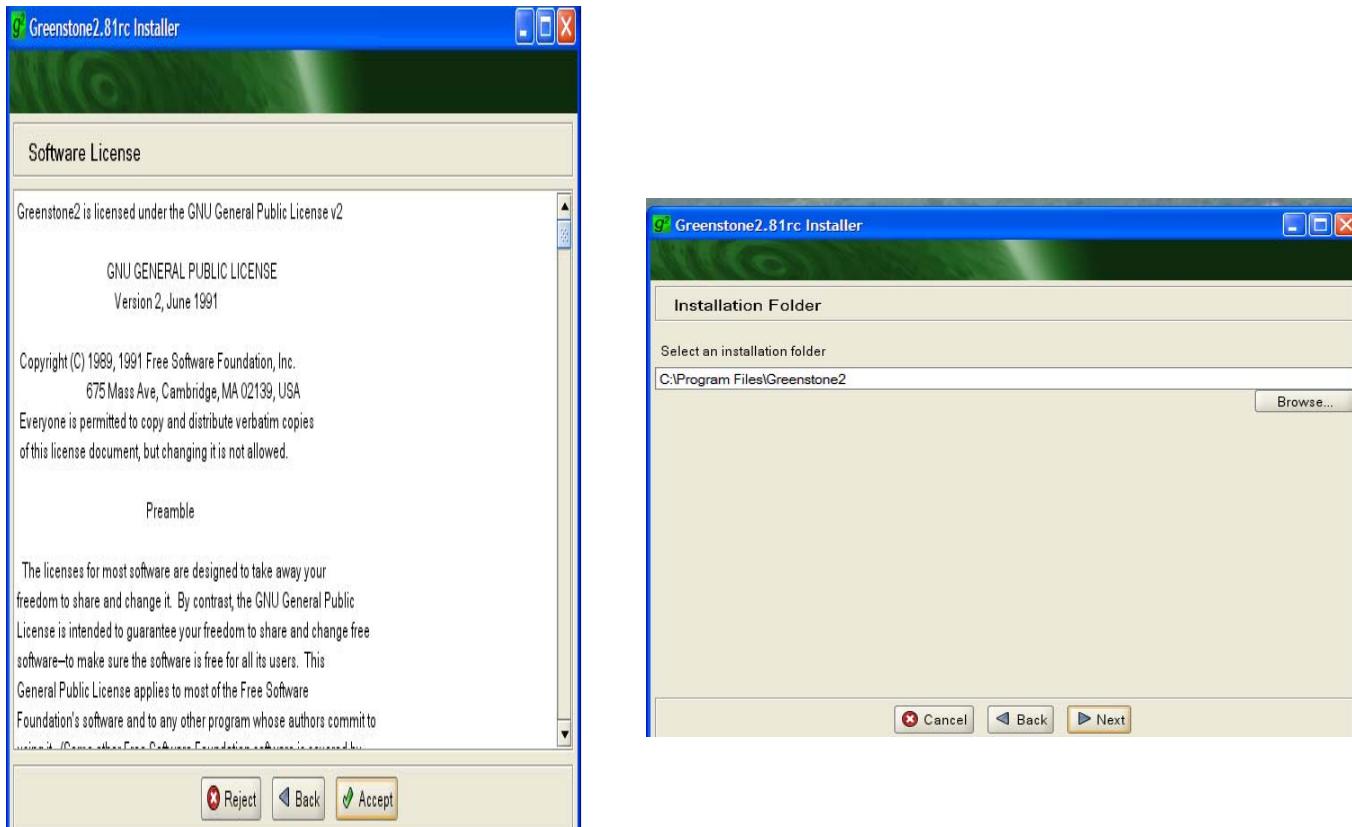
---



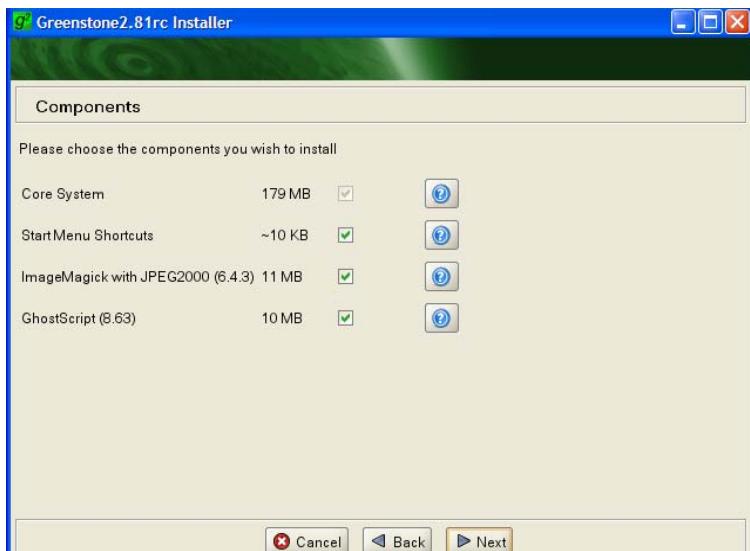
# GSDL - Installation



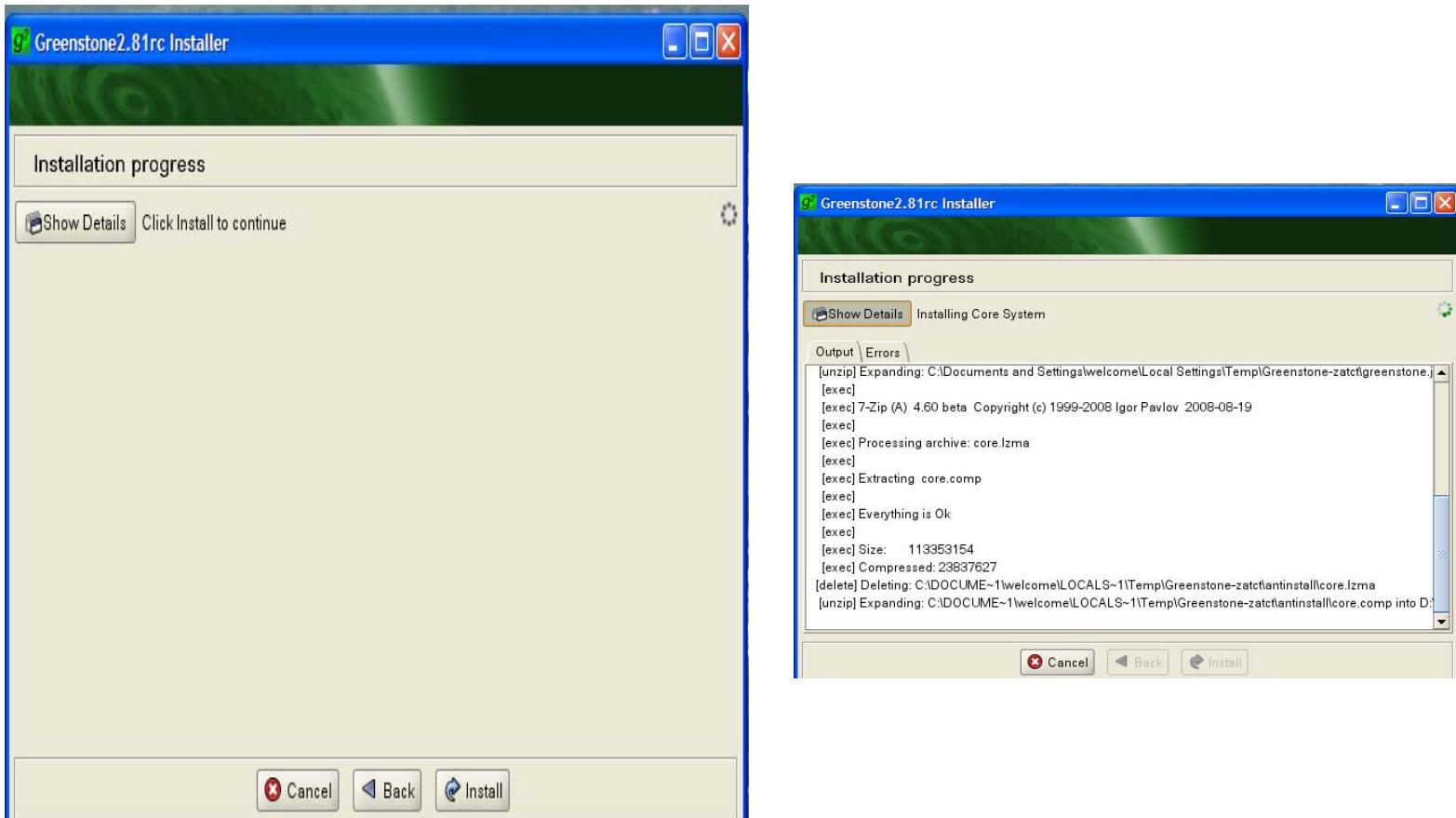
# GSDL - Installation



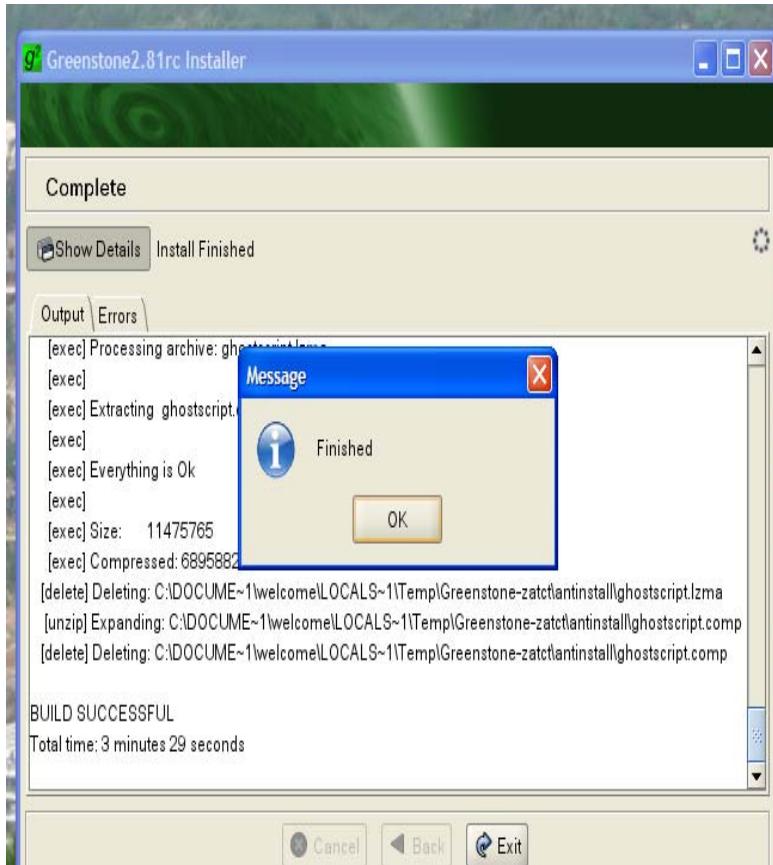
# GSDL - Installation

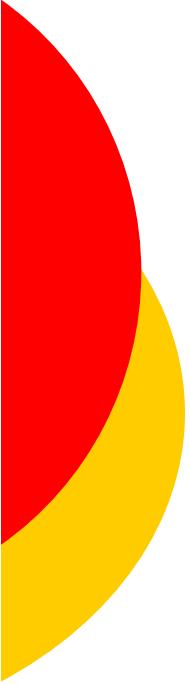


# GSDL - Installation



# GSDL - Installation



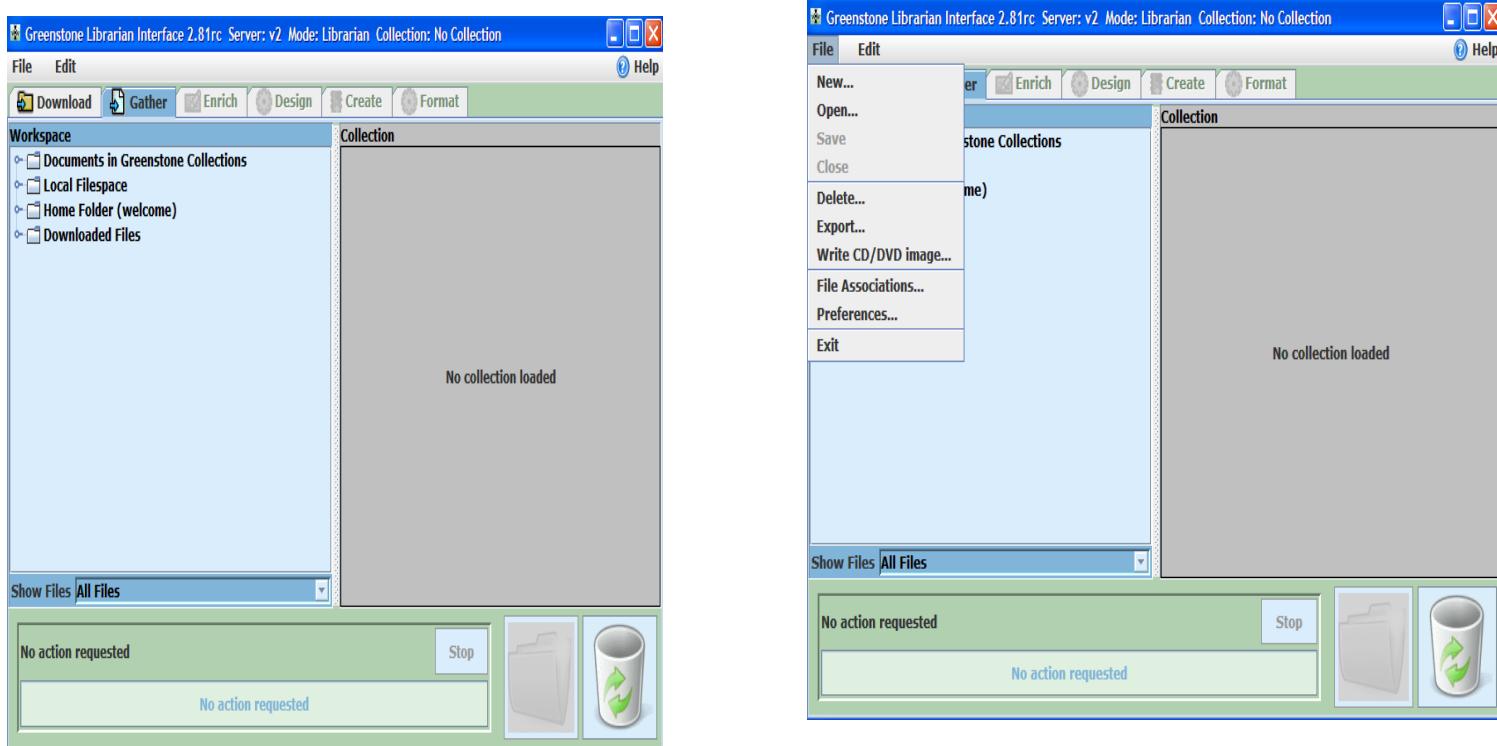


## GSDL - GLI

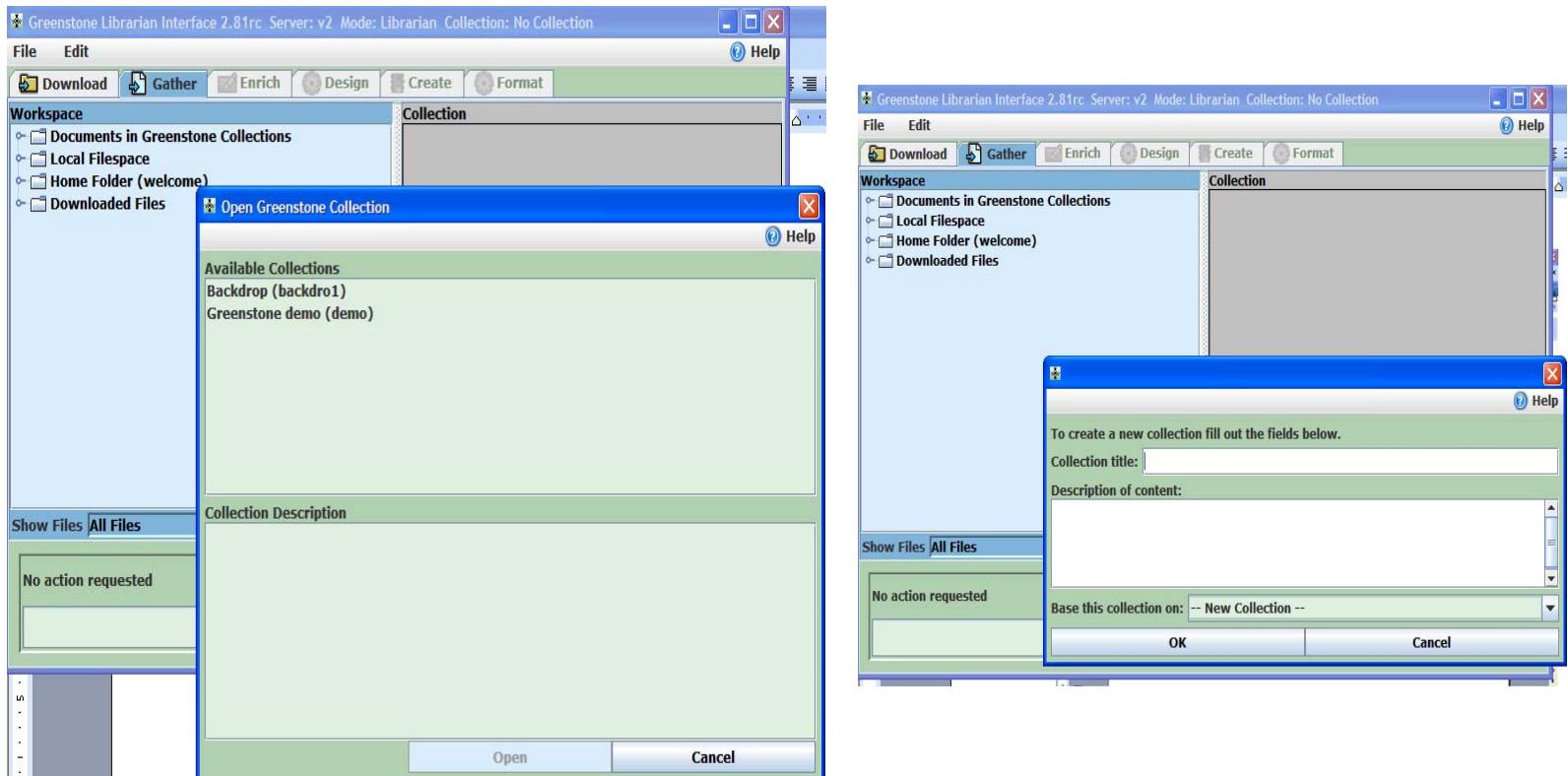
---

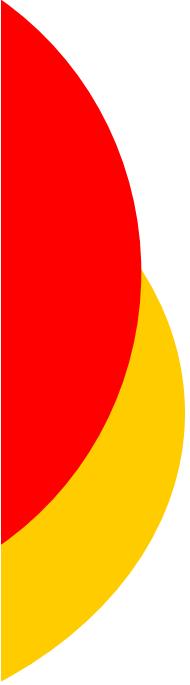
- The installation of the GLI is integrated with the installation of GSDL.
- Java based interface for building digital library collections
- Very user-friendly approach to building digital collections.
- Targeted at four different levels of user - Assistant Librarians, Librarians, Library System Specialists and Expert users.
- Supports seven basic activities such as Download, Gather, Enrich, Design, Format, Build and Preview the collection.

# GSDL -GLI



# GSDL-GLI



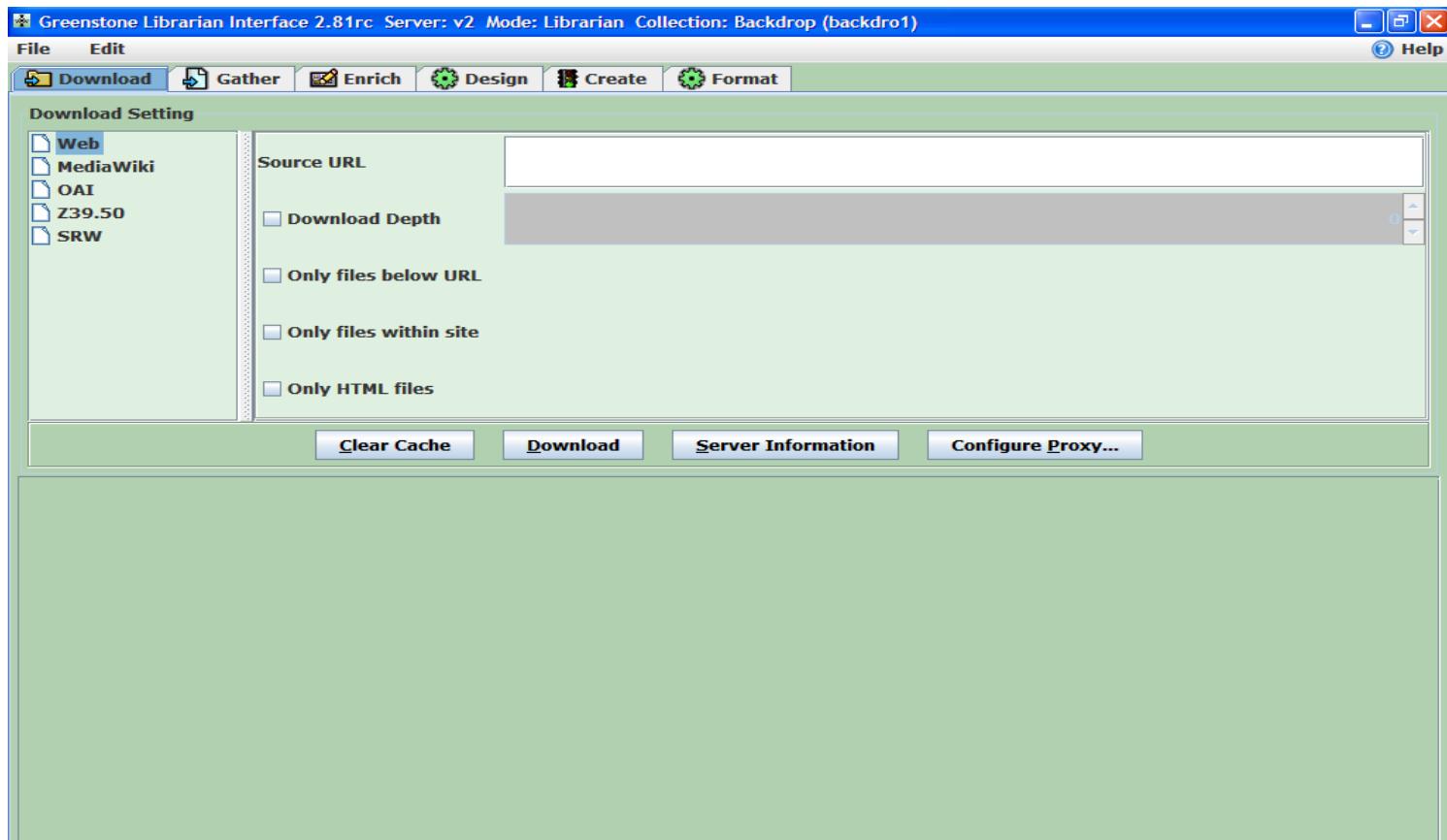


# GSDL - GLI

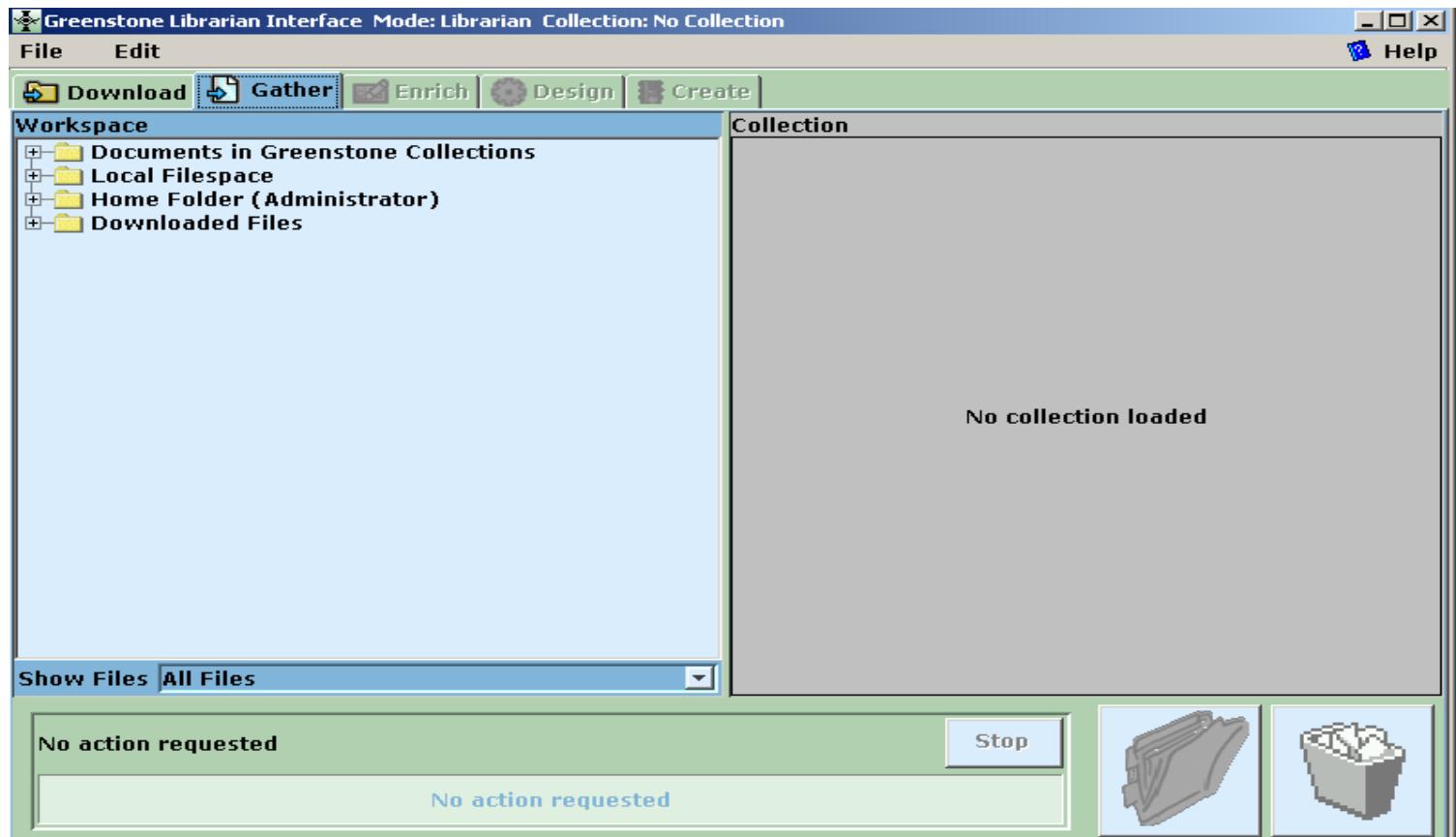
---

- *Download* - Downloading files and websites from the Internet
- *Gather* - Gathering the source documents that will comprise the collection and associate appropriate metadata element set.
- *Enrich* - Assigning metadata for each source document
- *Design* - Specifying collection configuration in terms of indexes, classifiers, etc.
- *Create* - Creating the collection
- *Format* - Designing the appearance of the Collection
- *Build and Preview* - Building and Previewing the created collection

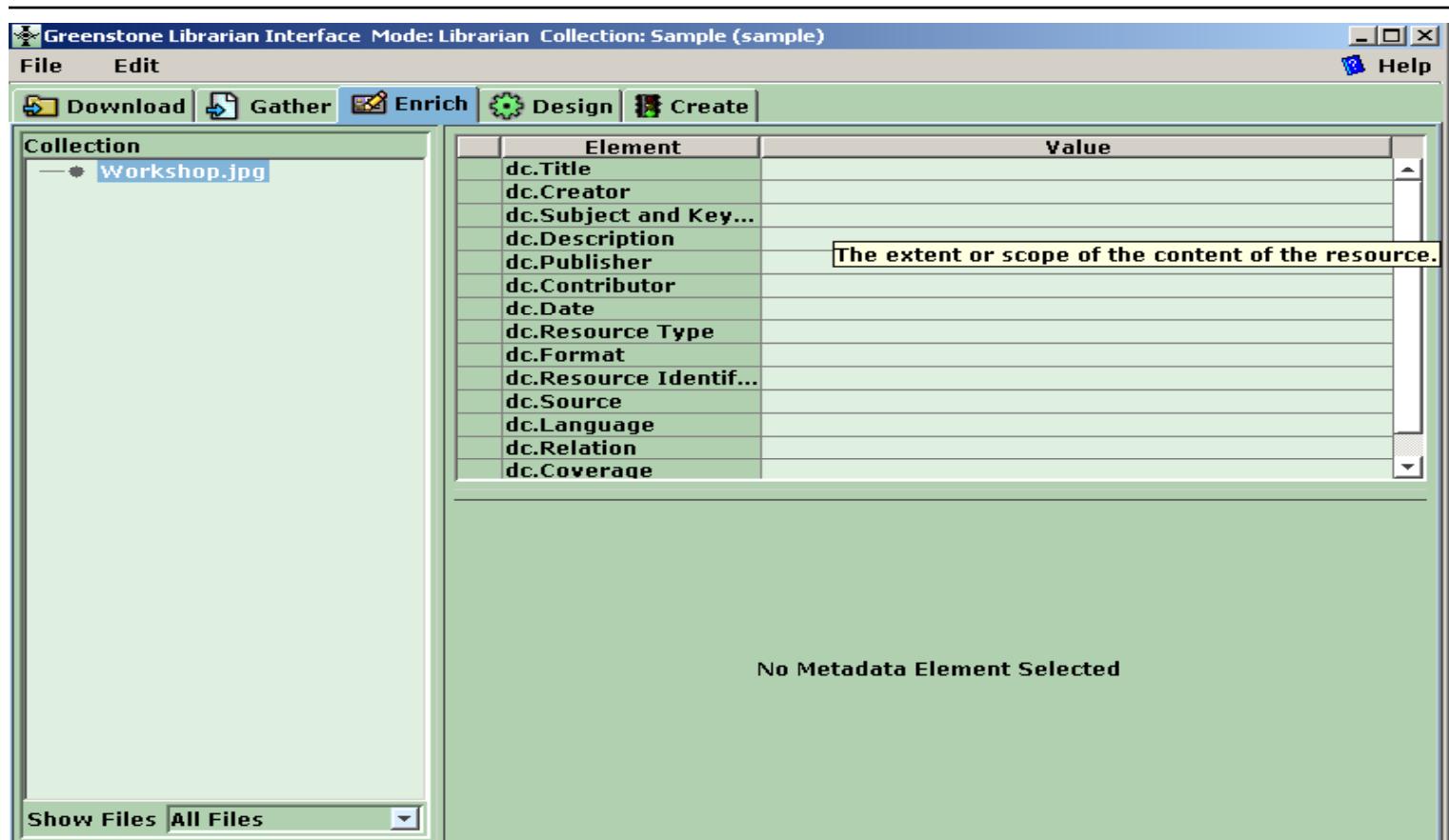
# GSDL-GLI: Download

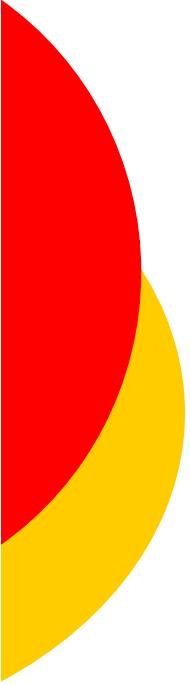


# GSDL - GLI: Gather



# GSDL - GLI: Enrich

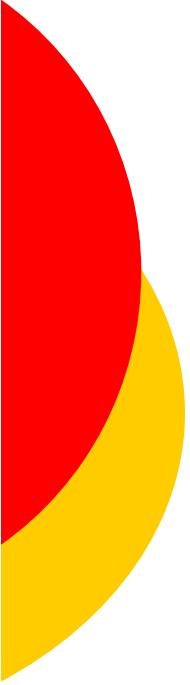




# GSDL-GLI: Enrich (DC)

---

<b>Title</b>	The name given to the resource by the creator or publisher
<b>Creator</b>	The person responsible for the intellectual content of the resource
<b>Subject</b>	The Topic of the resource
<b>Description</b>	A textual description of the content of the source
<b>Publisher</b>	The Entity responsible for making the resource available
<b>Contributor</b>	A person or organization (other than the Creator) who is responsible for making significant contributions to the intellectual content of the resource
<b>Date</b>	A date associated with the creation or availability of the resource

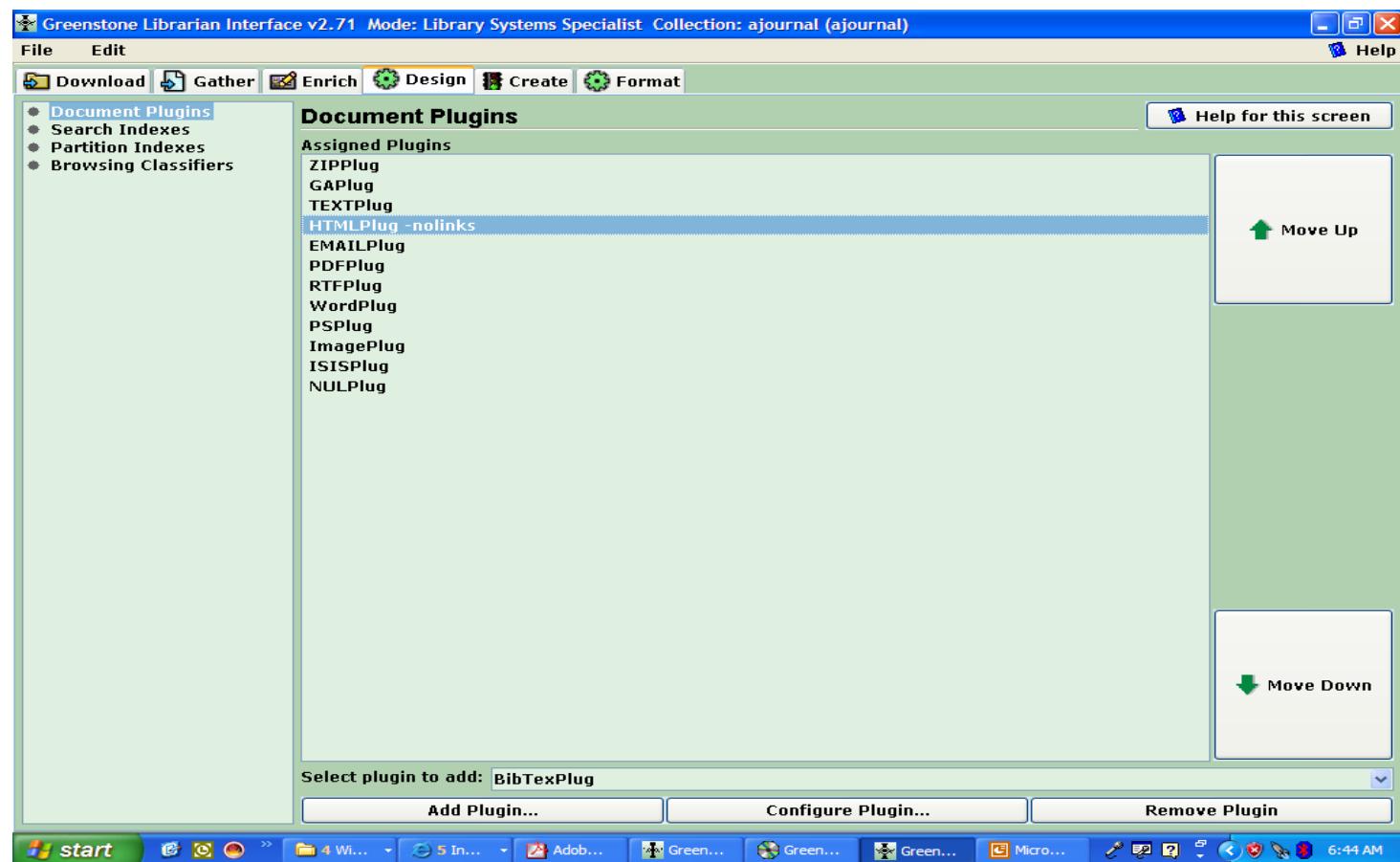


# GSDL-GLI: Enrich (DC)

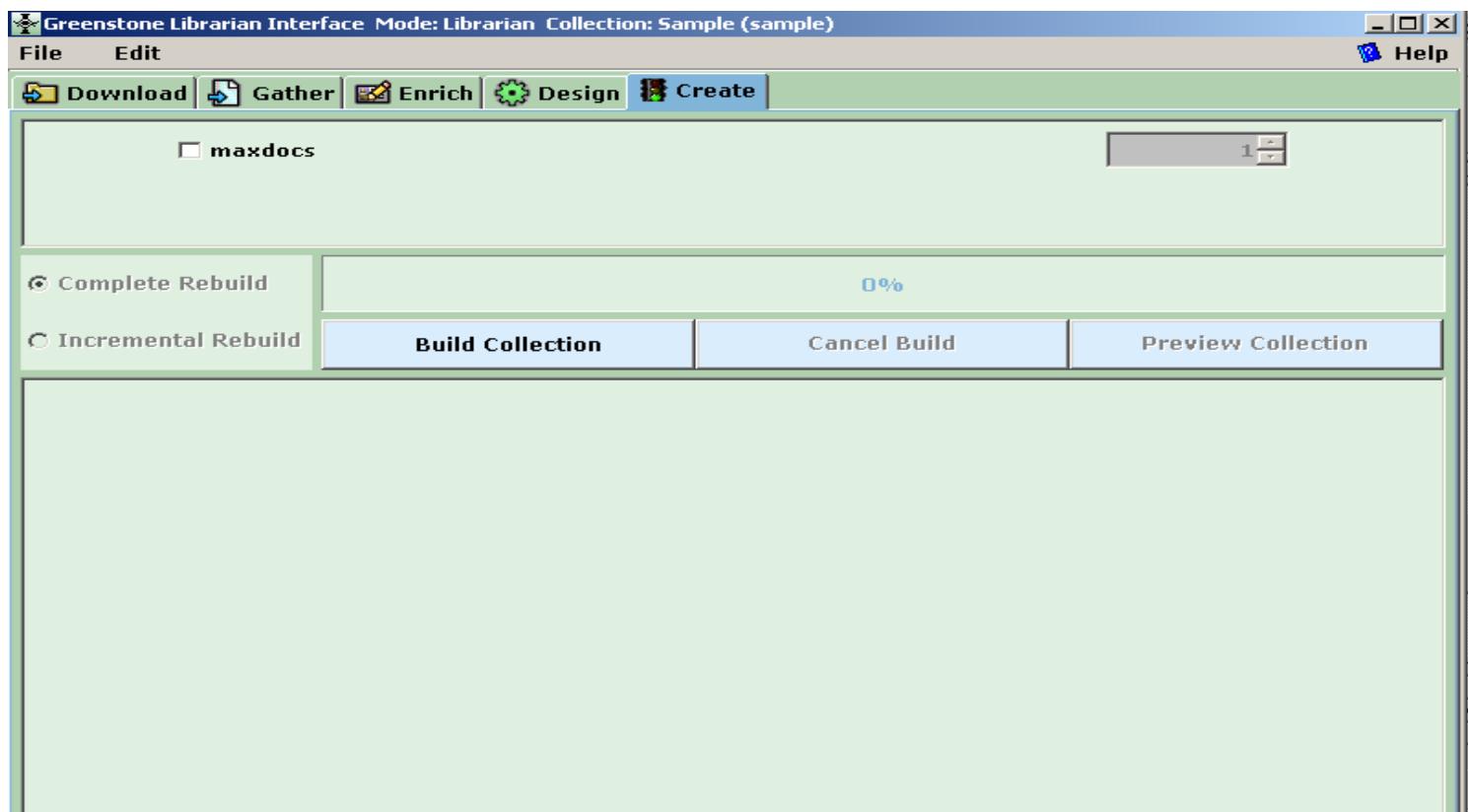
---

Type	The nature or genre of the content of the resource
Format	The physical or digital manifestation of the resource
Identifier	An unambiguous reference that uniquely identifies the resource within a given context
Source	A reference to a second resource from which the present resource is derived
Language	The language of the intellectual content of the resource
Relation	A reference to a related resource, and the nature of its relationship
Coverage	Spatial locations and temporal durations characteristic of the content of the resource
Rights	Information about rights held in the resource

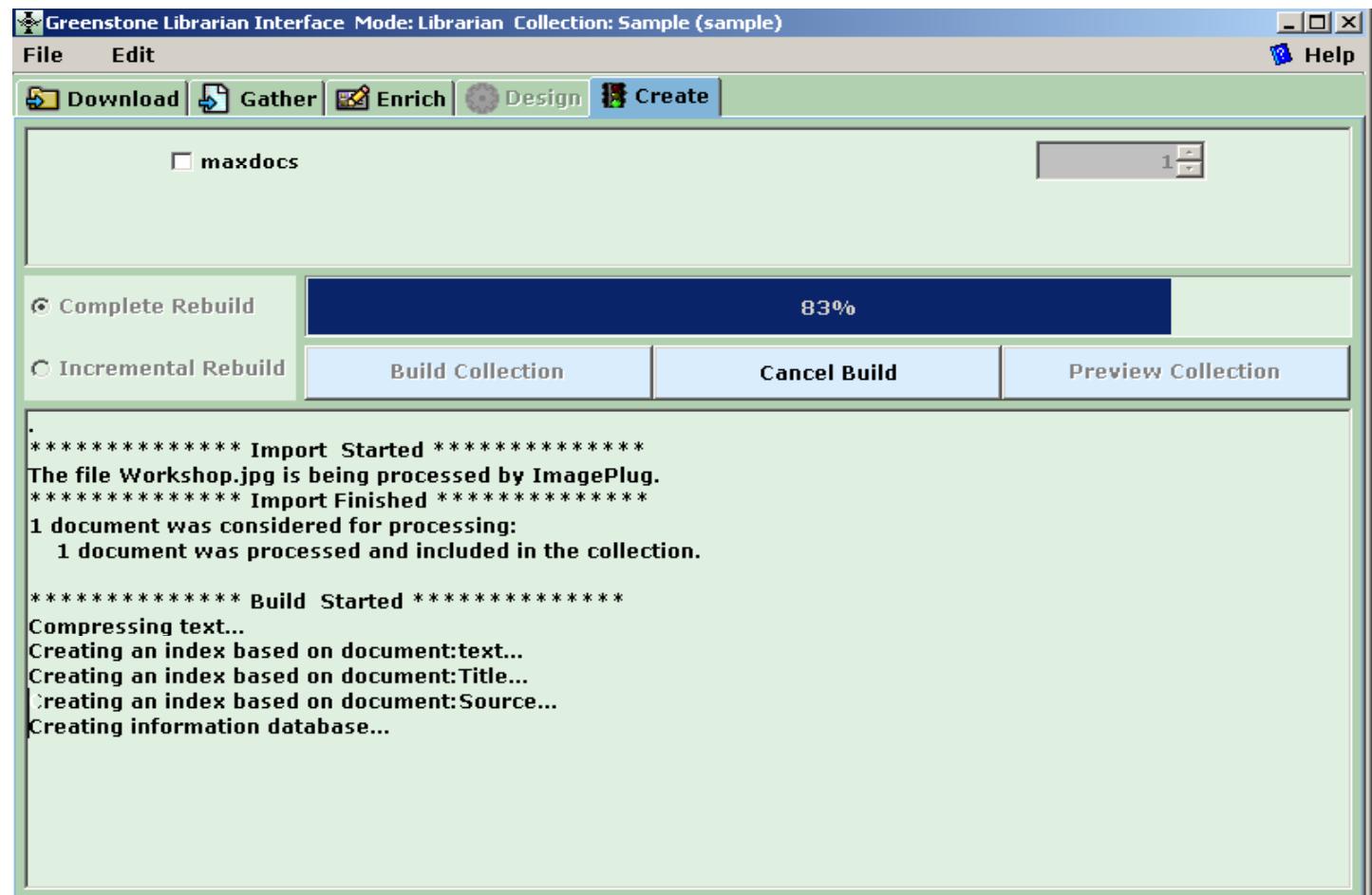
# GSDL - GLI: Design



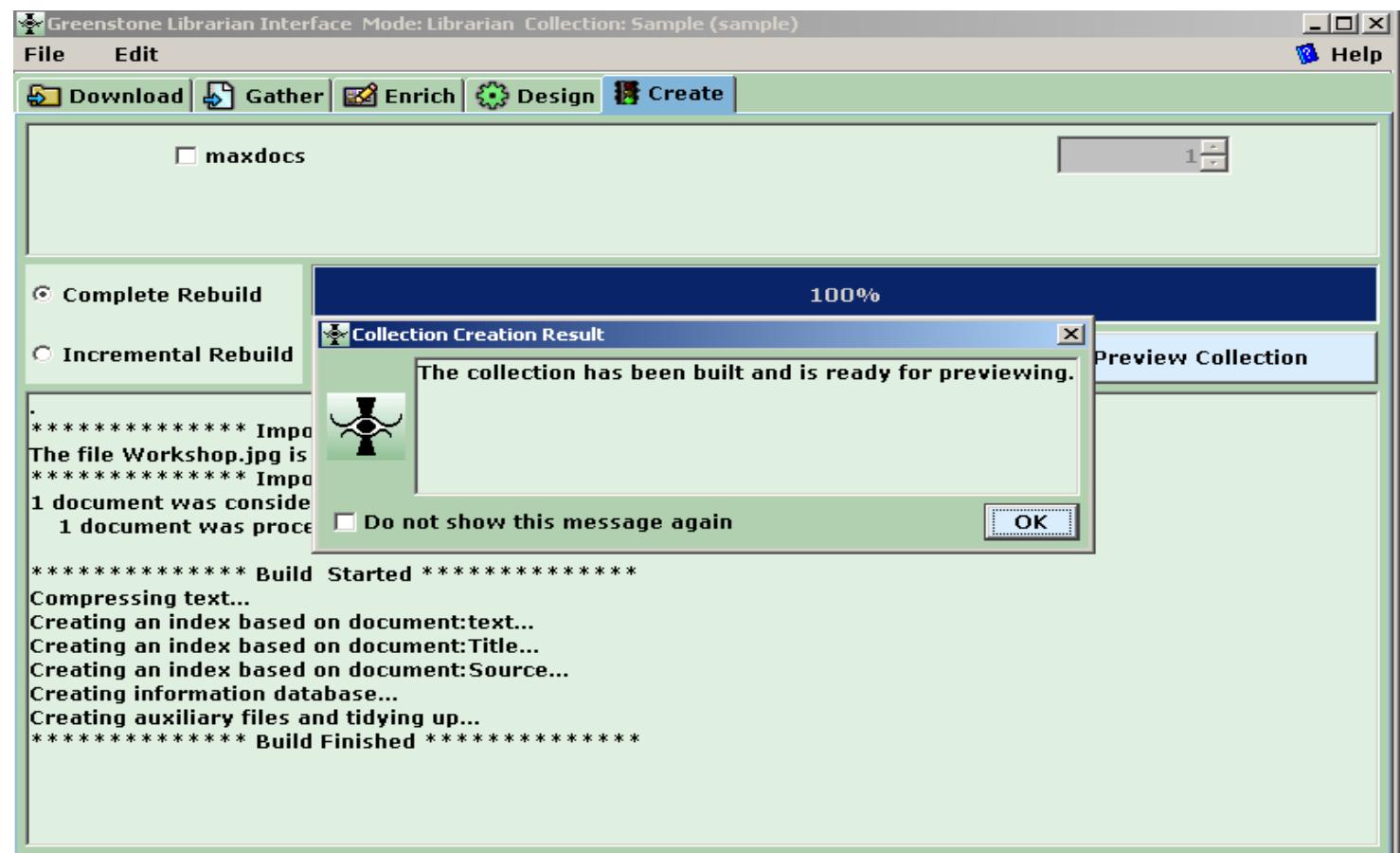
# GSDL - GLI: Create



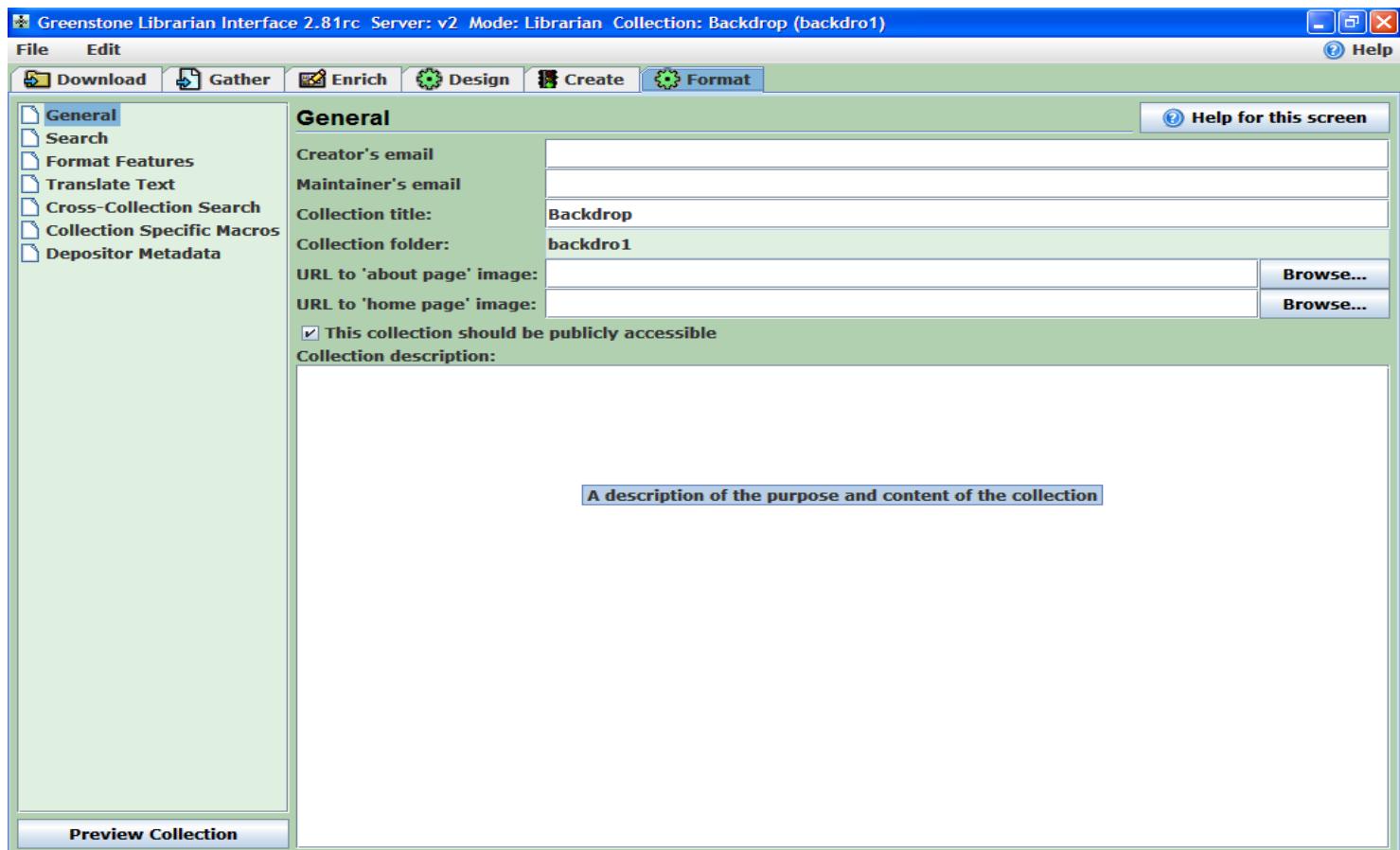
# GSDL - GLI: Build

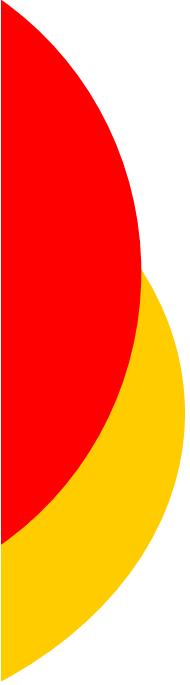


# GSDL - GLI: Preview



# GSDL-GLI: Format



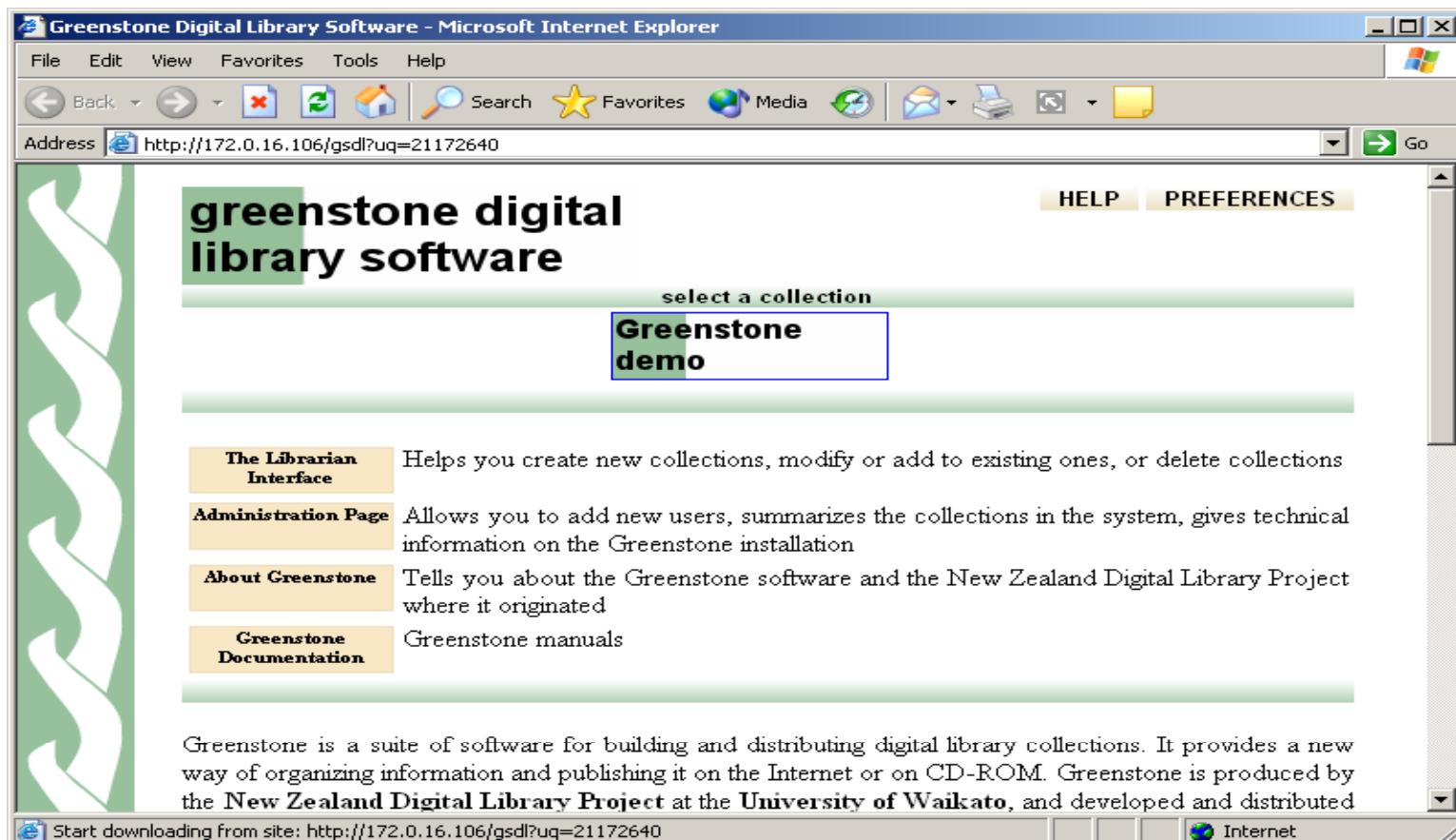


# Greenstone User Interface

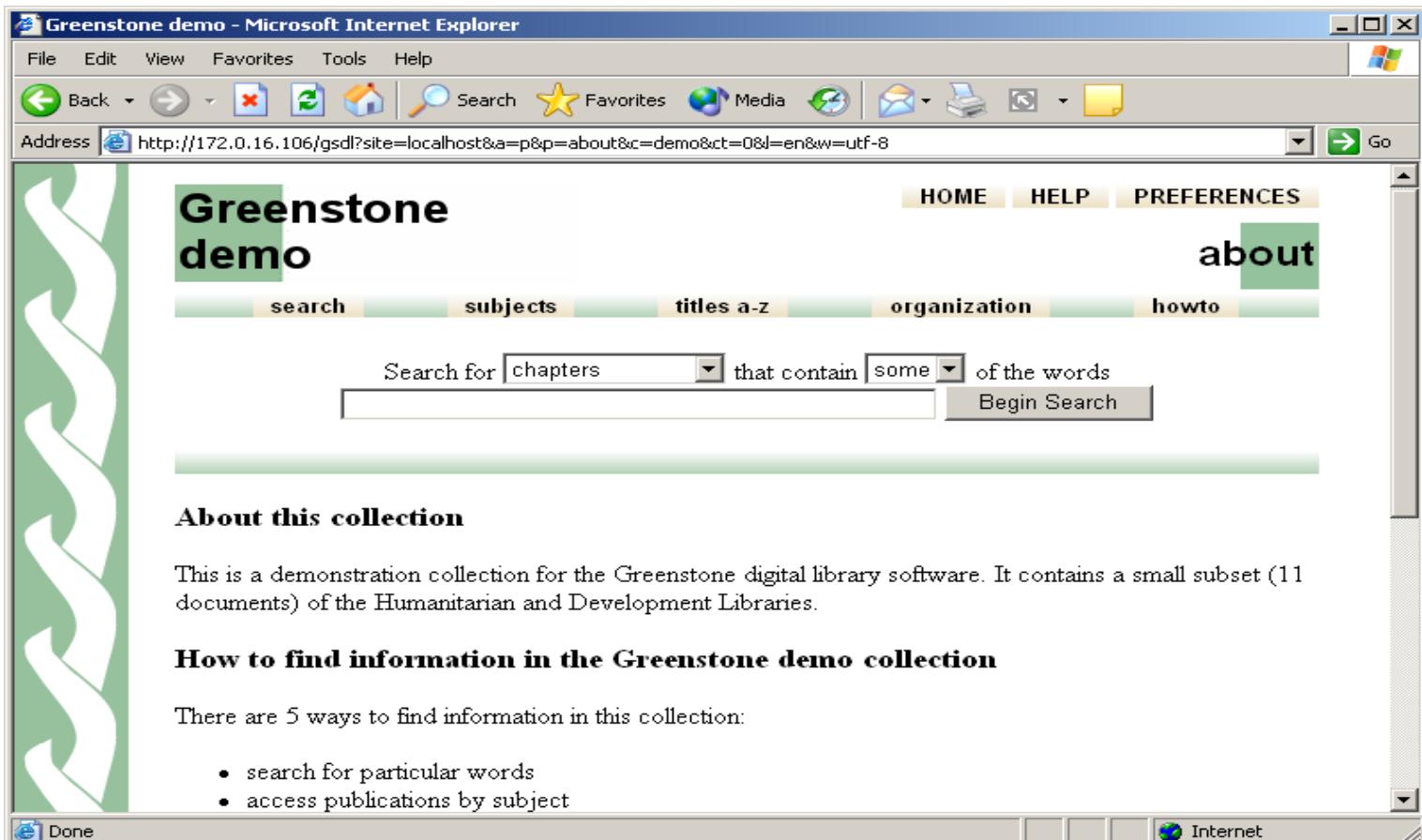
---

- Access the collection through its user interface.
- Searching the collections: Plain Search and Form-Based Search
- Browsing the documents by metadata fields
- View complete content
- Highlight matching search terms or not
- Detach the document for viewing in a different window.
- The Preference setting allows the user to change the language of the Greenstone interface.

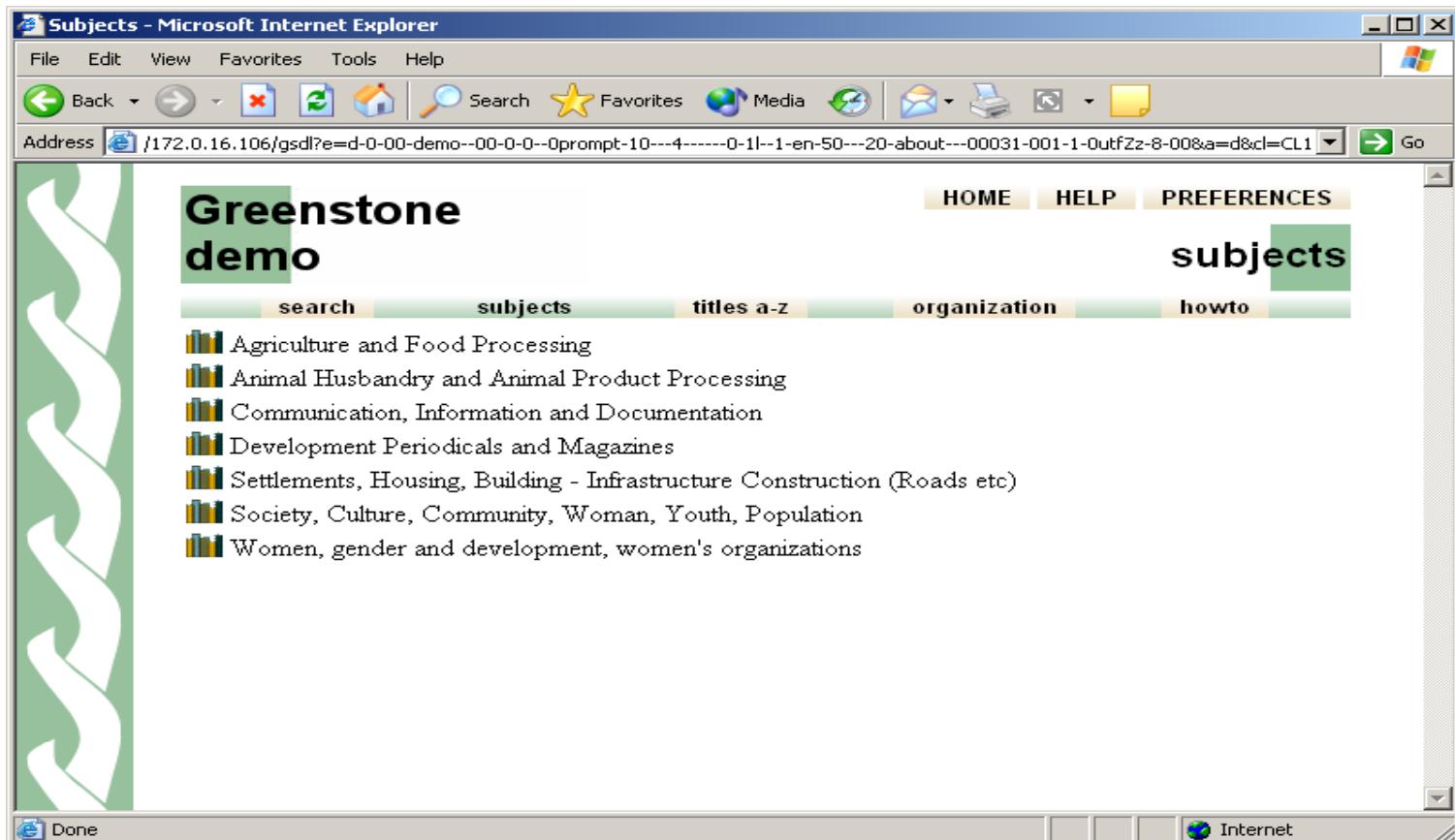
# Greenstone User Interface



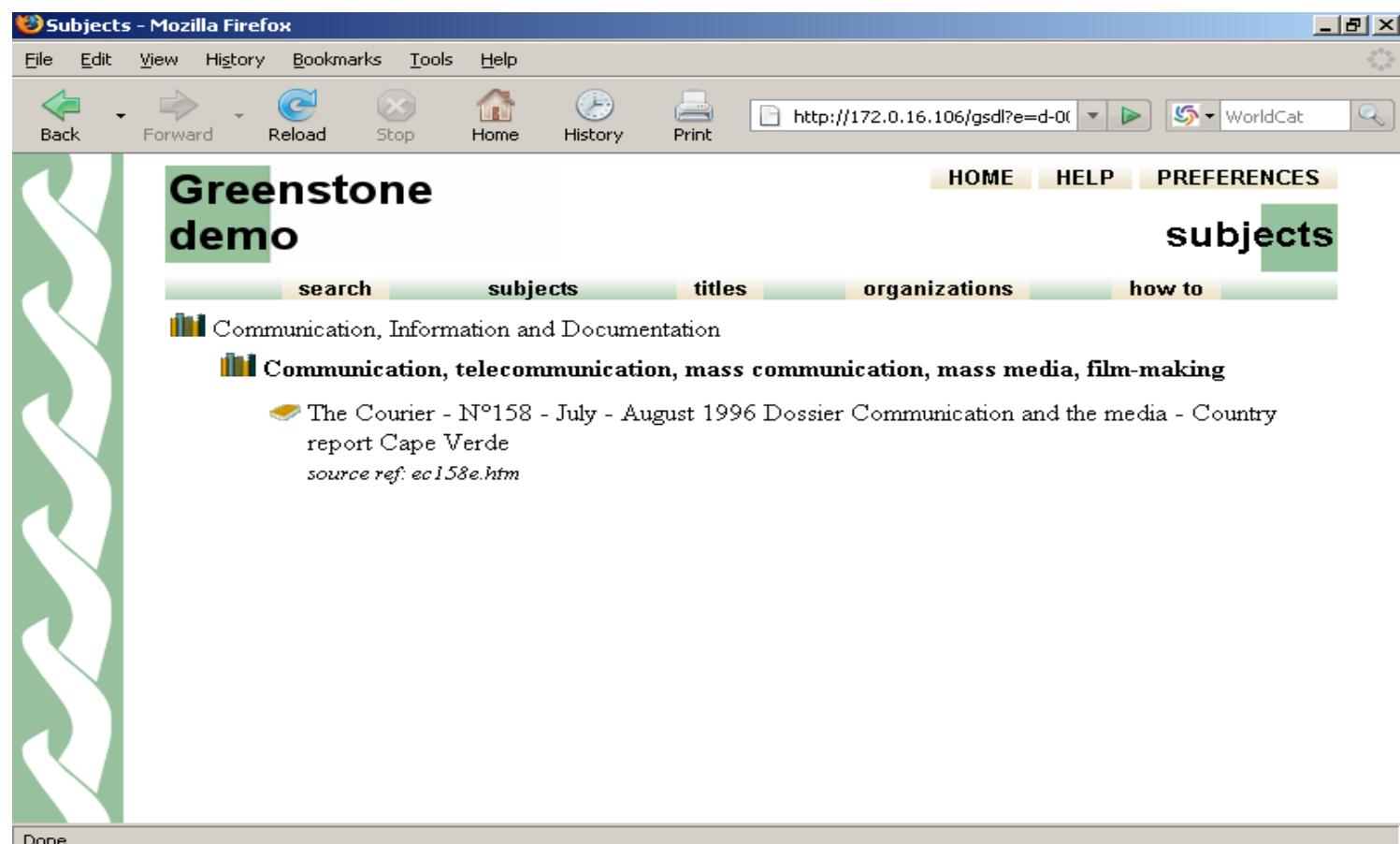
# Greenstone User Interface



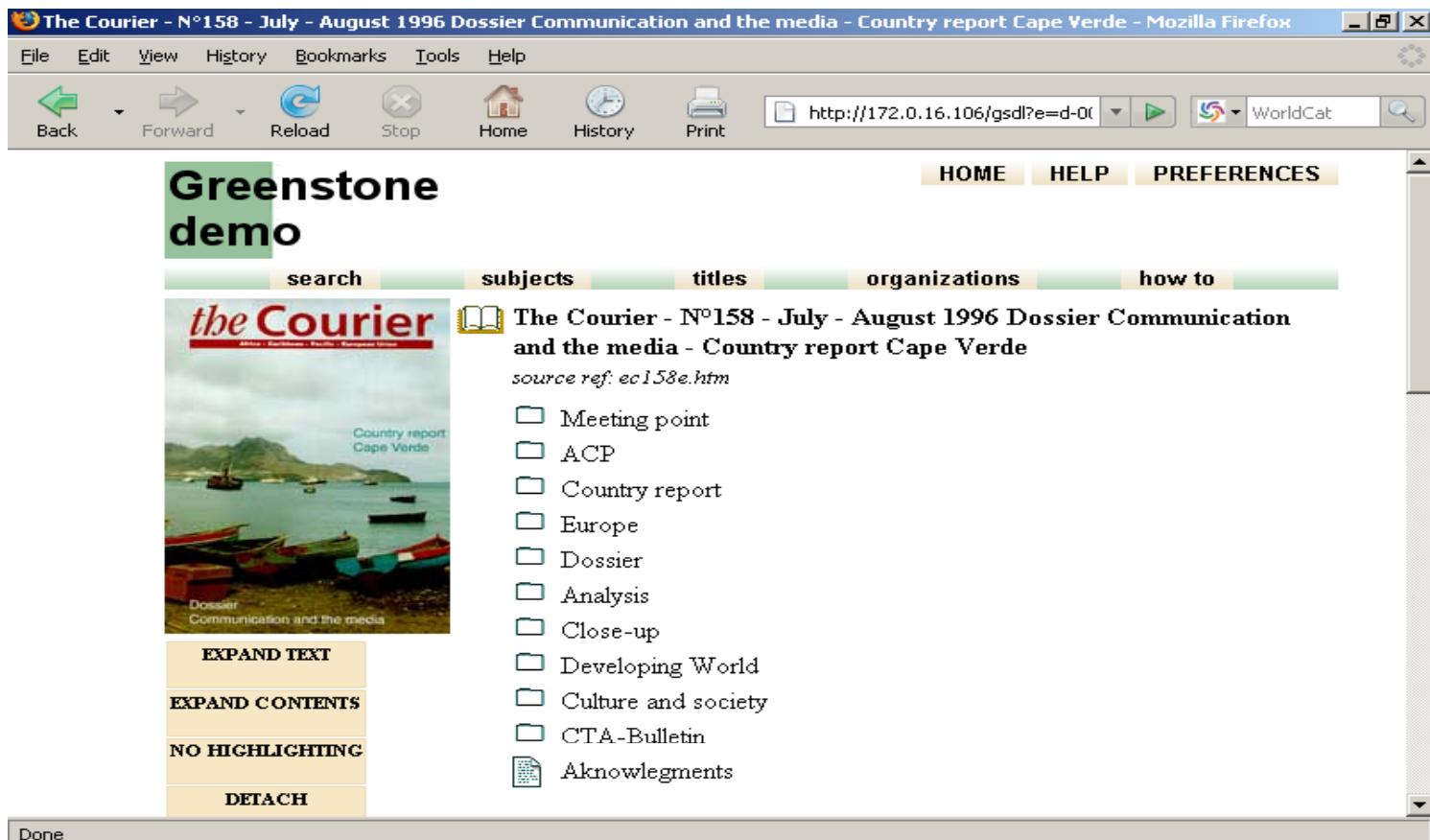
# Greenstone User Interface



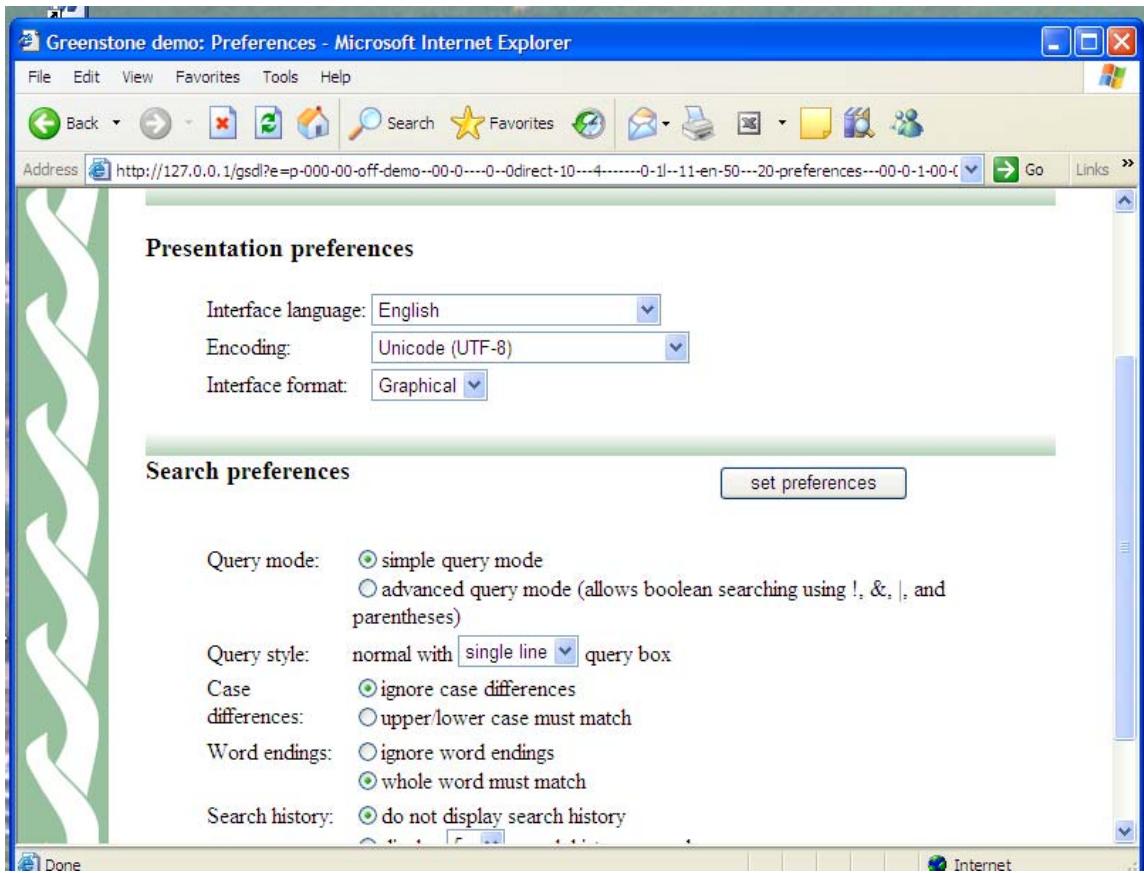
# Greenstone User Interface



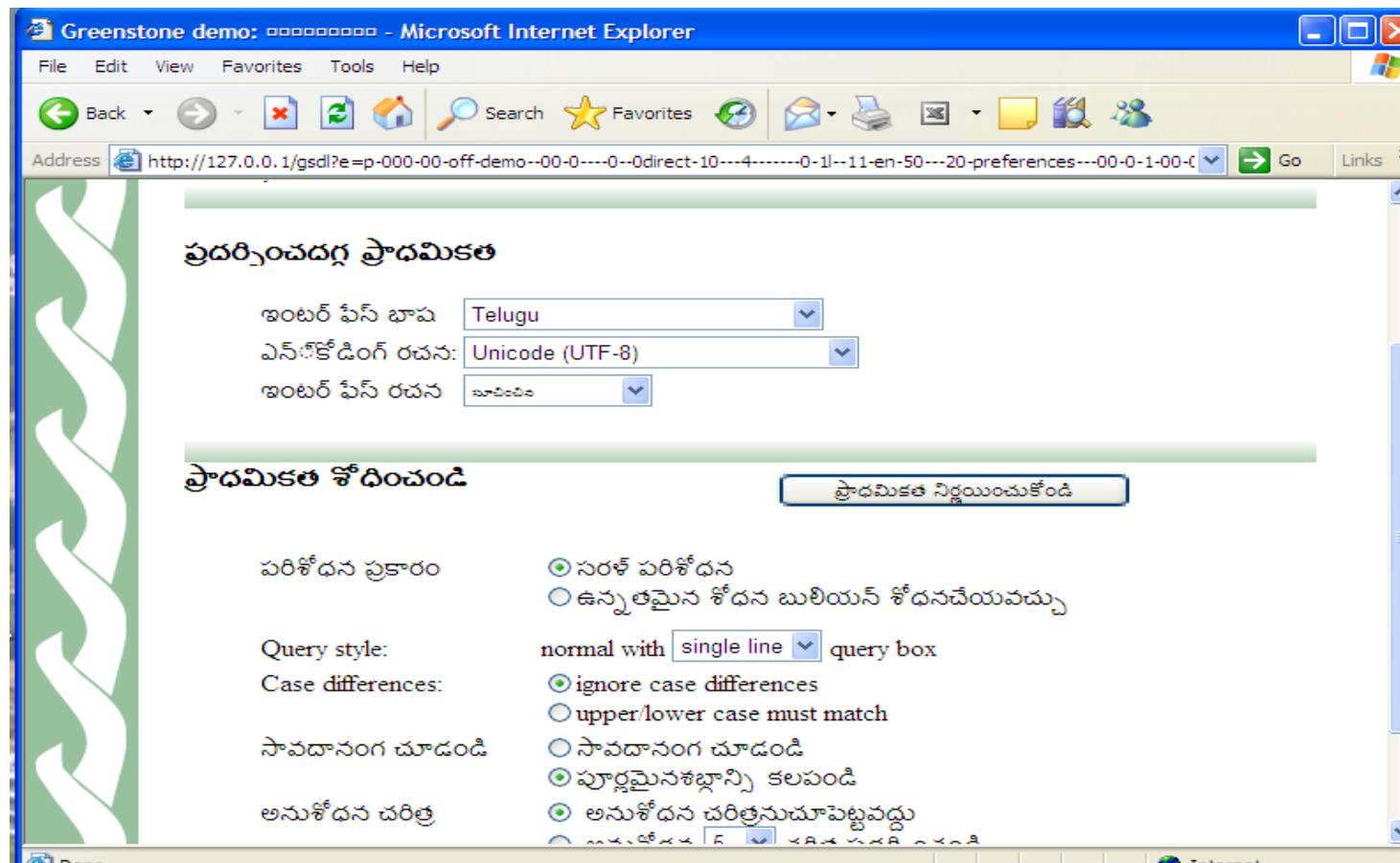
# Greenstone User Interface

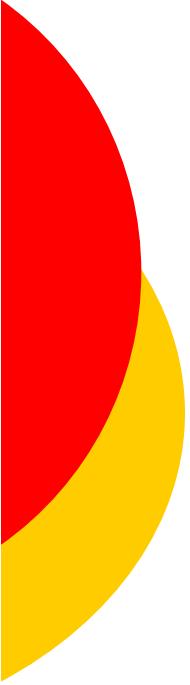


# Greenstone User Interface



# Greenstone User Interface

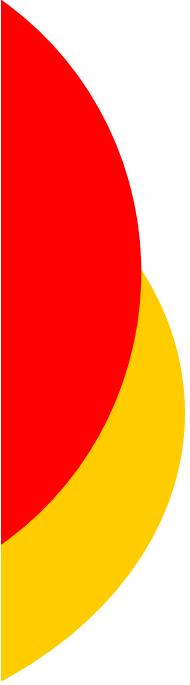




## GSDL - Customization

---

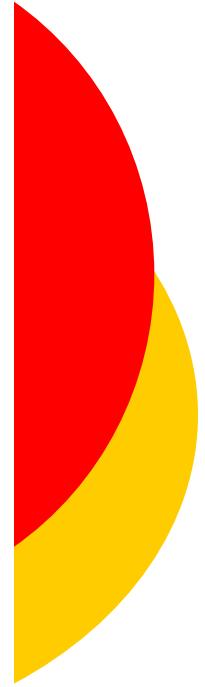
- Greenstone Pages are controlled by macro files (available in *Greenstone* → *macros*), images, and CSS style sheets (available in *Greenstone* → *images*)
- The user interface look-and-feel can be altered using "macros" written in a simple macro language
- Home page can be customized by editing "yourhome.dm" in main.cfg



# GSDL - Customization

---

- Macro files
  - stored in gsdl/macros folder
  - each file defines one or more “packages”  
(A “package” is a group of macros)
  - listed in etc/main.cfg
- Collection-specific macros
  - Stored in  
gsdl/collect/mycol/macros/extra.dm

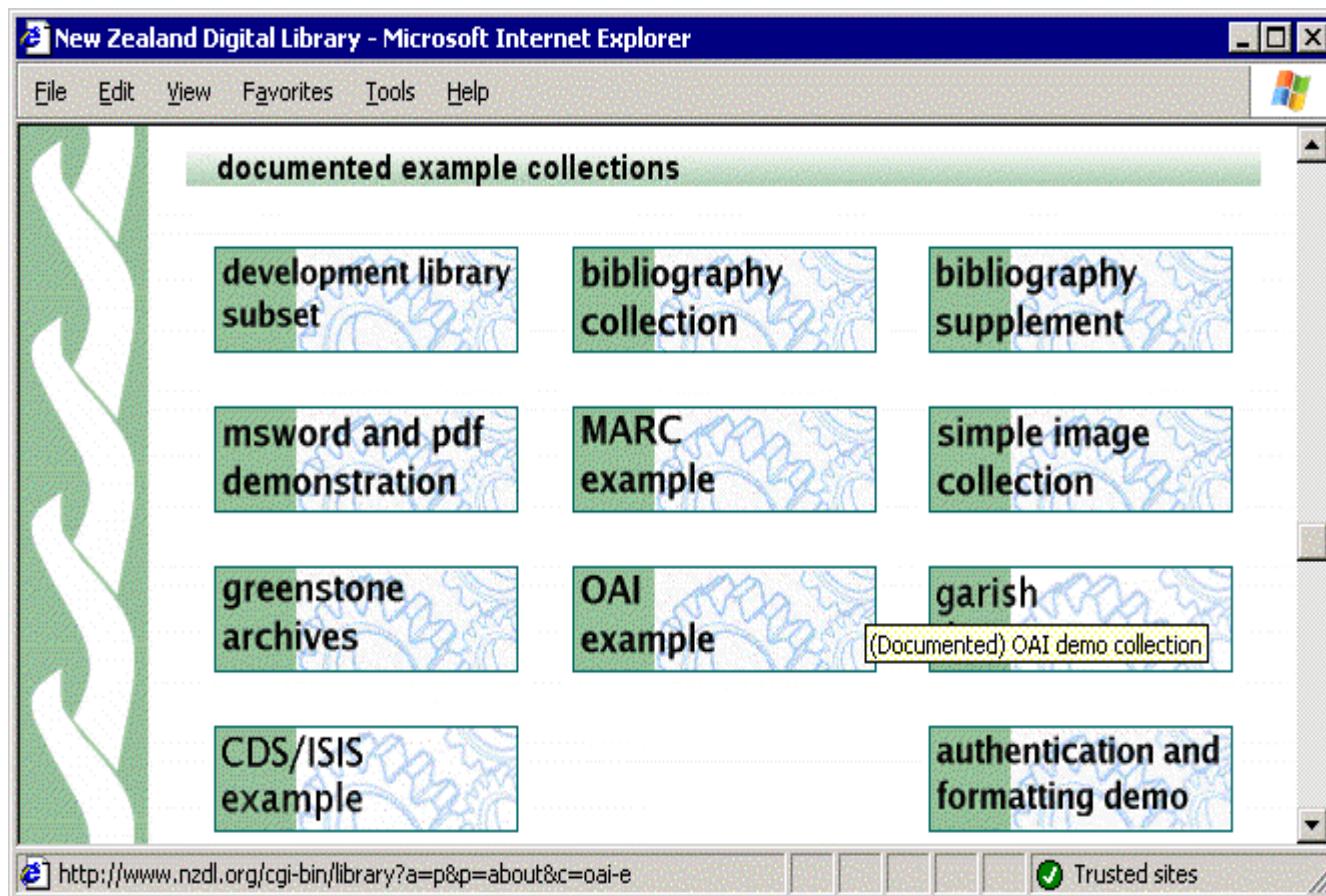


## GSDL -Customization

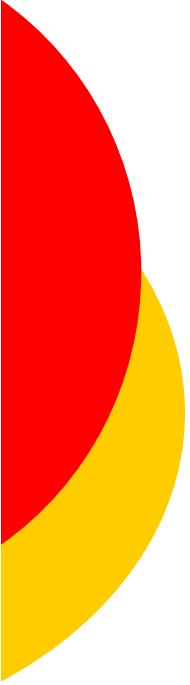
---

- Collection configuration file
  - gsdl/collect/mycol/etc/collect.cfg
- Images
  - gsdl/images
- Macro files
  - gsdl/macros/\*.dm
- List of macro files
  - gsdl/etc/main.cfg

# GSDL: Example Collections



# GSDL: Example Collections



Examples :: Greenstone Digital Library Software - Windows Internet Explorer  
http://www.greenstone.org/examples

File Edit View Favorites Tools Help

Convert Select Microsoft Live Search

greenstone.org greenstone wiki greenstone trac planet greenstone

en fr ru es ro ar

greenstone digital library software

Home Download Examples Wiki Support Developers

**Greenstone Blog**

**Planet Greenstone**

**Calendar**

**Workshop Map**

Greenstone User (& Developer) Survey

Wednesday 17th June, 2009

Category: Greenstone2

Please take the Greenstone User Survey! 10-15 minutes of your time can help us learn more about Greenstone software users and developers. With your help, we will gain a better understanding of Greenstone software and support resource use and satisfaction; in what ways Greenstone users interact with and use the software; and the organizational and [...]

Expanding the Southern African Greenstone Support Network

**New Zealand Digital Library Project**

A demonstration site set up by the developers of Greenstone, the New Zealand Digital Library Project. This site contains many collections, ranging from humanitarian information to computer science technical reports to demonstration collections of Chinese and Arabic documents.

**Afghanistan Centre at Kabul University - ACKU**

The more than 37,000 documents on Afghanistan in the ACKU collection contain works in Dari, Pashto and various western languages. The collection provides comprehensive coverage on all sectors of development, as well as literature, music and cultural heritage.

**Afghanistan Research and Evaluation Unit - AREU**

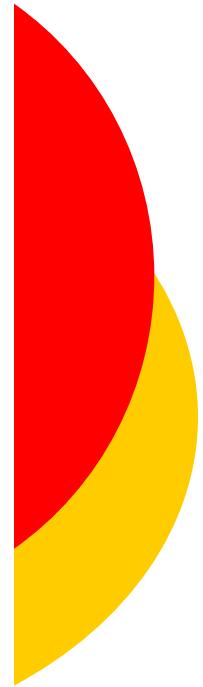
This on-line bibliographic catalogue lists materials held in hardcopy in AREU's research library in Kabul, Afghanistan. AREU's collection includes books, pamphlets, government publications, periodicals, maps, CDs, DVDs, etc. in English, Dari, Pashto and other languages. [A case study of customizing the AREU collection](#)

**Agatange Collection**

This digital collection of early music scores, treatises on music and music manuscripts was developed by the Toulouse Public Library in France.

Internet 100%



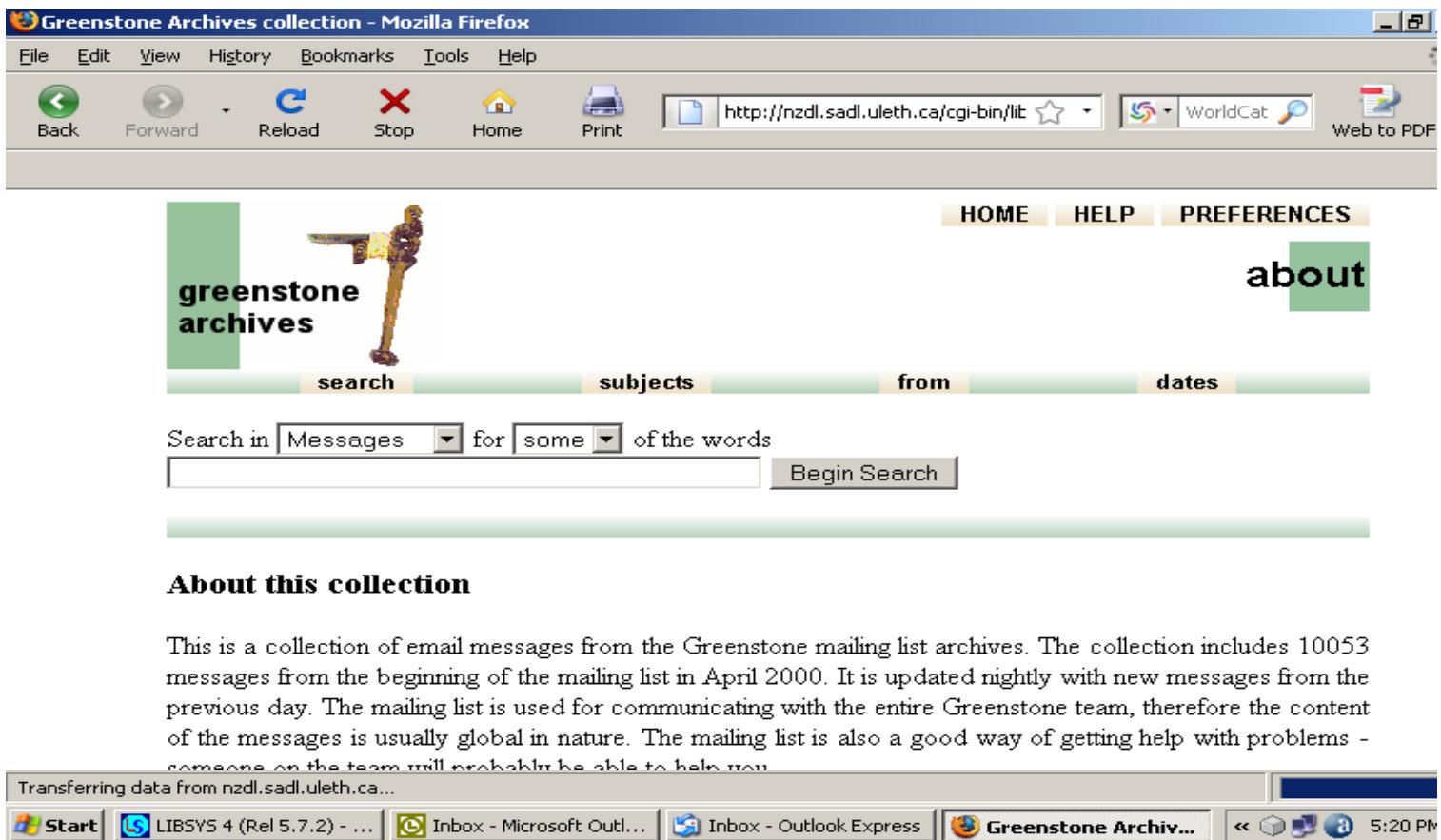


## GSDL - Support

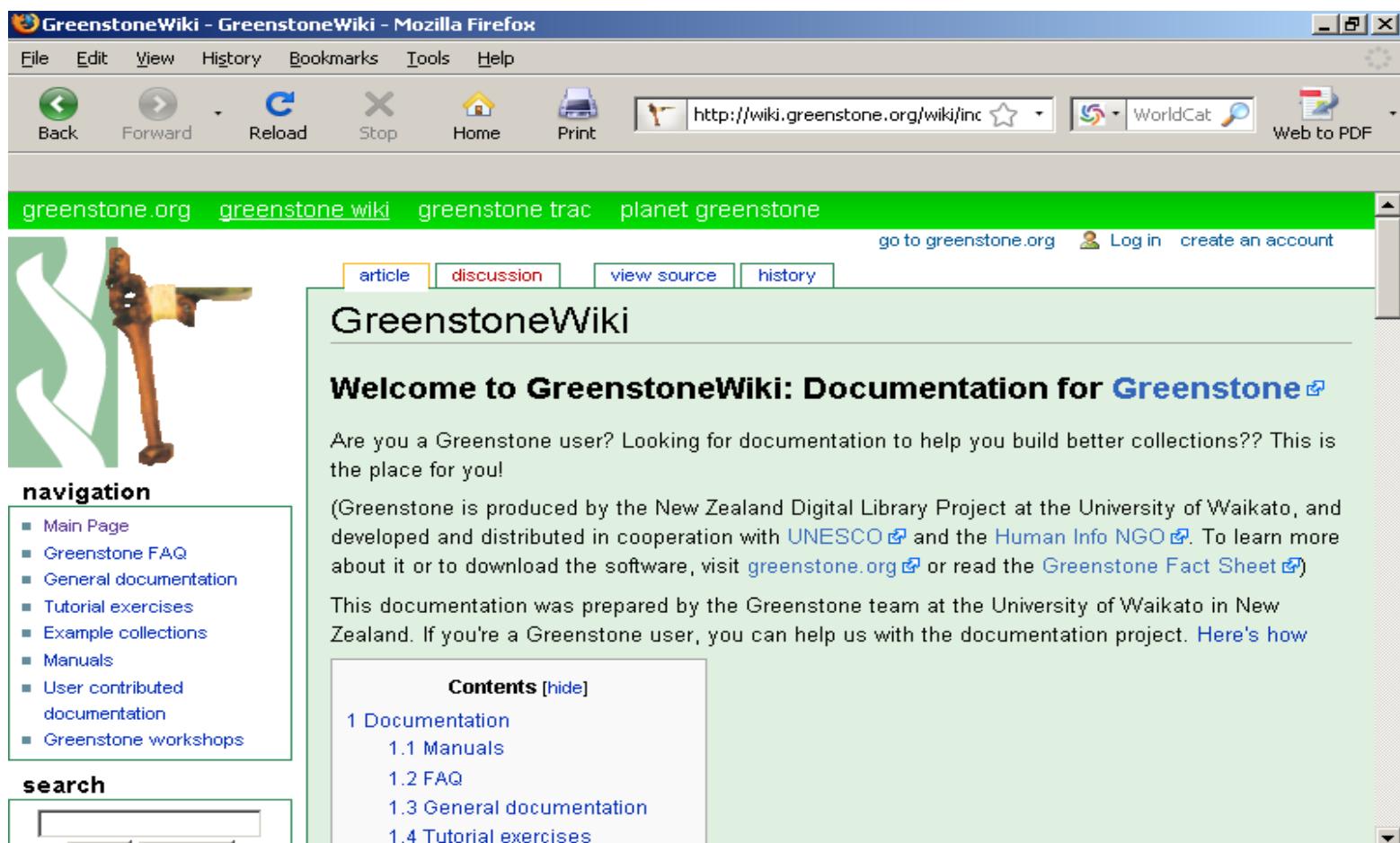
---

- [www.greenstone.org](http://www.greenstone.org)
- <http://greenstone.org>
- Greenstone Mailing List  
<https://list.scms.waikato.ac.nz/mailman/listinfo/greenstone-users>
- Greenstone Support Network India -Asia Region ([greenstonesupport@iimk.ac.in](mailto:greenstonesupport@iimk.ac.in))

# GSDL Archives



# Greenstone Wiki



GreenstoneWiki - GreenstoneWiki - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Back Forward Reload Stop Home Print http://wiki.greenstone.org/wiki/Inc

greenstone.org greenstone wiki greenstone trac planet greenstone

go to greenstone.org Log in create an account

article discussion view source history

**GreenstoneWiki**

**Welcome to GreenstoneWiki: Documentation for Greenstone**

Are you a Greenstone user? Looking for documentation to help you build better collections?? This is the place for you!

(Greenstone is produced by the New Zealand Digital Library Project at the University of Waikato, and developed and distributed in cooperation with UNESCO and the Human Info NGO. To learn more about it or to download the software, visit [greenstone.org](http://greenstone.org) or read the [Greenstone Fact Sheet](#))

This documentation was prepared by the Greenstone team at the University of Waikato in New Zealand. If you're a Greenstone user, you can help us with the documentation project. [Here's how](#)

**Contents [hide]**

1 Documentation

1.1 Manuals

1.2 FAQ

1.3 General documentation

1.4 Tutorial exercises

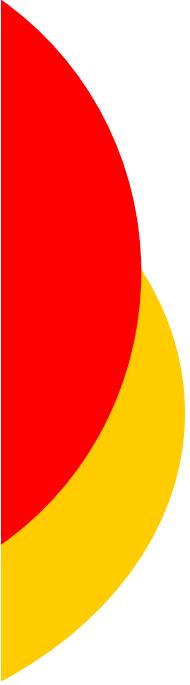
**navigation**

- Main Page
- Greenstone FAQ
- General documentation
- Tutorial exercises
- Example collections
- Manuals
- User contributed documentation
- Greenstone workshops

**search**

# GSDL -Support





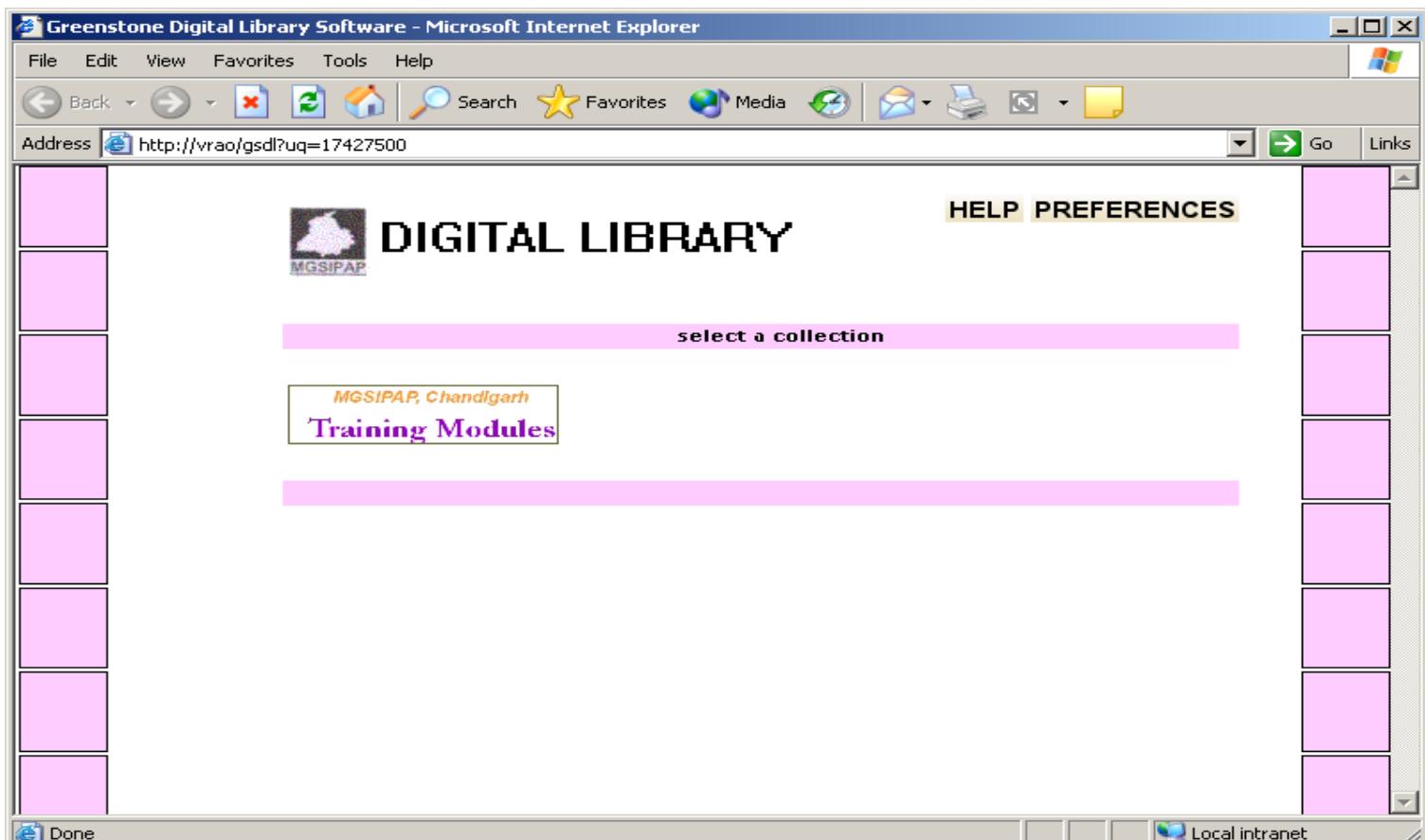
# GSDL - Examples

---

## Some of Indian DLs using GSDL

- Archives of Indian Labour, Noida
- Indian Institute of Management Kozhikode
- Indian Institute of Science, Bangalore
- Indian Institute of Technology, Bombay
- M G S Institute of Public Administration, Punjab, Chandigarh
- Many...

# GSDL -Example DLs



# GSDL -Example DLs

Archives of Indian Labour - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites Media Mail Print Stop Refresh Address http://www.indialabourarchives.org/ Go

Last Updated: 21/07/2006

**Search**

Search for items across all collections

**ARCHIVAL COLLECTION**

Commissions on Labour  
Trade Union Collections  
Oral History Collections

**WHAT'S NEW**

- VVGNLI-AILH Fifth International Workshop on Labour History (November 01-03, 2006) **NEW**
- SEWA: Struggle and Achievement **NEW**
- Labour Struggle in Bhillai (1990-2004)
- Index of Second National Commission on Labour (2002)
- Collection on Second National Commission on Labour (2002)
- Collection on Oral History Documentation of Indian Trade Unions

**FEATURED COLLECTIONS**

*We accuse*  
An anatomy of the CPI(M)-CITU murder politics in Kerala

http://www.vvgnli.org/ailhiv/home\_ailh.htm

Internet

Start Deleted Items - Mi... LIBSYS 4 (Rel 5.0)... Microsoft PowerPoint Greenstone based... Archives of Indi... 12:40 PM

# GSDL - Example DLs



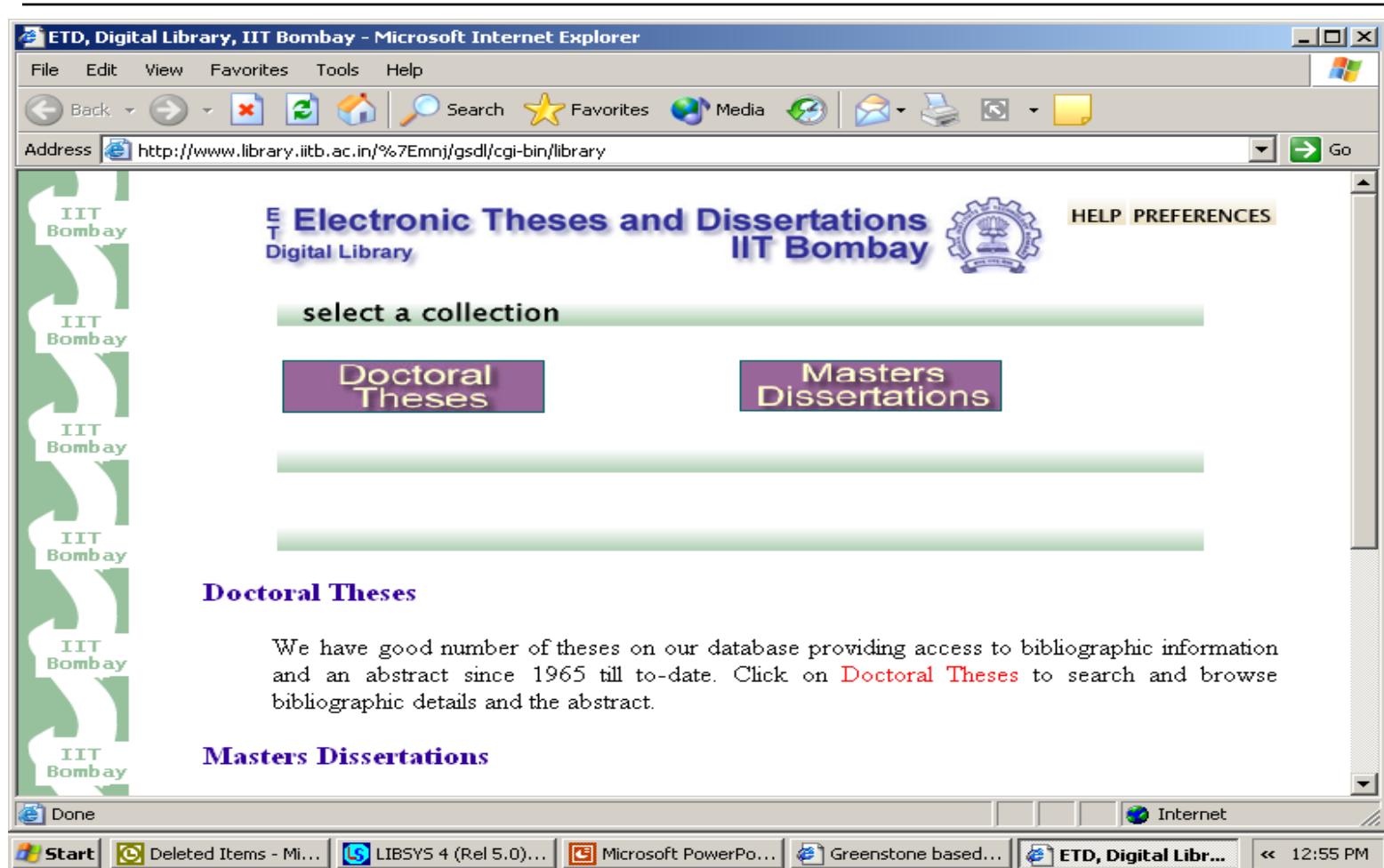
# GSDL - Example DLs



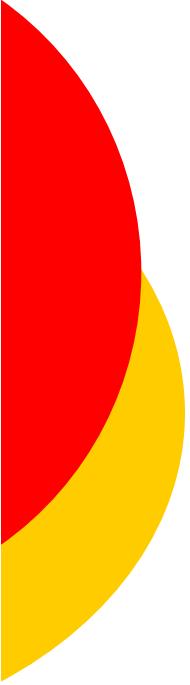
# GSDL -Example DLs



# GSDL - Example DLs



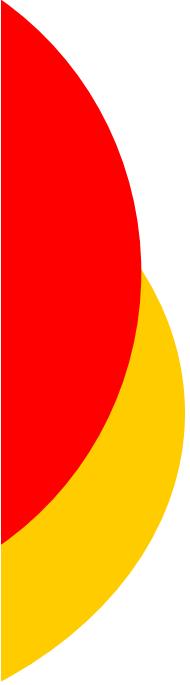
The screenshot shows a Microsoft Internet Explorer window displaying the Electronic Theses and Dissertations (ETD) Digital Library of IIT Bombay. The title bar reads "ETD, Digital Library, IIT Bombay - Microsoft Internet Explorer". The address bar shows the URL <http://www.library.iitb.ac.in/%7Emnj/gsdl/cgi-bin/library>. The page content includes the IIT Bombay logo on the left, the title "Electronic Theses and Dissertations IIT Bombay" in the center, and "select a collection" buttons for "Doctoral Theses" and "Masters Dissertations". Below these buttons, there are sections for "Doctoral Theses" and "Masters Dissertations" with descriptive text. The taskbar at the bottom shows various open applications including LIBSYS 4, Microsoft PowerPoint, and the ETD Digital Library.



## GSDL Examples...

---

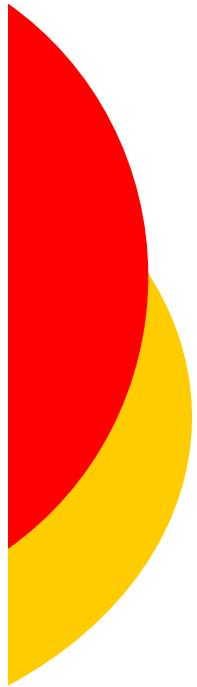
- Could be yours...
- ... your library !



# GSDL Demo

---

- Demo on Collection building...
  - Creating a simple multi format collection
  - Creating a simple image collection
  - Creating a CD-ROM of an independent collection



## Discussion...

---

*Thank you  
for your attention!*