



Advanced workshop on the Greenstone Digital Library Software

**ICIKM2008
Tribhuvan University
Kathmandu, Nepal
Mon 24 Mar 2008 – Wed 26 Mar 2008**

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2008

Schedule

Monday 24 March 2008

Morning: Introduction

Lecture: Overview of Greenstone, with examples of its use elsewhere

Lab 1 (Review) Installing Greenstone, building collections, adding metadata

- 1.1 Installing Greenstone (local library version)
- 1.2 Updating a Greenstone installation
- 1.3 Small collection of HTML files
- 1.4 Simple image collection
- 1.5 Collection of Word and PDF files
- 1.6 Exporting a collection to CD-ROM/DVD

Afternoon: Greenstone collection design

Lab 2: Designing collections

- 2.1 A large collection of HTML files
- 2.2 Enhanced collection of HTML files

Lab 3: Collections of bibliographic material

- 3.1 Bibliographic collection
- 3.2 CDS/ISIS collection

Tuesday 25 March 2008

Morning: Formatting in Greenstone

Lecture: Greenstone formatting

Lab 4: Greenstone formatting exercises

- 4.1 Formatting the HTML collection
- 4.2 Formatting the Word and PDF collection

Afternoon: Advanced collection configuration

Lecture: Advanced collection configuration: section tagging, advanced PDF handling, exploding bibliographic collections

Lab 5: Advanced collection configuration

- 5.1 Pointing to documents on the web
- 5.2 Enhanced PDF handling
- 5.3 Enhanced Word document handling
- 5.4 Section tagging for HTML documents

Wednesday 26 March 2008

Morning: Multimedia and scanned images

Lecture: Two examples—multimedia and scanned images

Lab 6: Two examples—multimedia and scanned images

- 6.1 Looking at a multimedia collection
- 6.2 Building the multimedia collection
- 6.3 Scanned image collection
- 6.4 Advanced scanned image collection

Afternoon: Sharing and customization

Lecture: Sharing collections with OAI-PMH

Lab 7: Sharing collections with OAI-PMH

- 7.1 Open Archives Initiative (OAI) collection
- 7.2 Downloading over OAI

Lecture: Customization: macro files and stylesheets

Lab 8: Customization

- 8.1 Customization: Macro files and spreadsheets

Materials

1. Workbook containing
 - Introduction
 - Greenstone Digital Library Software factsheet
 - PowerPoint slides for all workshop sessions
 - Laboratory exercises
 - How to format the output of your collection
2. Tutorial CD-ROM containing
 - Greenstone software v2.80
 - Documented example collections (14, including Greenstone Wiki collection)
 - Full documentation (4 manuals, each in English, French, Spanish and Russian)
 - Java runtime environment
 - ImageMagick (required for building image collections)
 - Ghostscript (required for advanced PDF/PPT conversion)
 - Windows installer for all this (+ .zip installs for Linux, Mac)
 - Workshop materials
 - Tutorial exercises
 - Sample files for tutorial exercises
 - Full source code
3. iMARK CD-ROM Module *Digitization and Digital Libraries*

Sample files for tutorial exercises

- Small set of HTML files (*simple_html*)
- Word and PDF documents (*Word_and_PDF*)
- Difficult PDF documents (*difficult_documents*)
- Image files (*images*)
- Large set of HTML files (*tudor*)
- MARC records (*marc*)
- Multimedia collection (*beatles/advbeat_large*)
- Small multimedia collection (*beatles/advbeat_small*)
- Scanned image collection (*niupepa*)
- Files exported from OAI (*oai*)
- Files exported from DSpace (*dspace*)
- CDS/ISIS files (*isis*)
- Files for interface customization exercise (*custom*)

Further documentation on the Greenstone CD-ROM

- Greenstone Digital Library Installation Guide
- Greenstone Digital Library User's Guide
- Greenstone Digital Library Developer's Guide
- Greenstone Digital Library: From Paper to Collection