Advanced Greenstone Workshop, University of Namibia 1-5 Oct 2007

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

1.1. Installing Greenstone
  Installing Greenstone on a Windows system
  Installing ImageMagick on a Windows system
  Installing Ghostscript on a Windows system

1.2. Updating a Greenstone installation
  Removing Greenstone from a Windows system
  Reinstalling Greenstone on a Windows system
  Amalgamating different Greenstone collections
  Installing the Greenstone language pack (2.62 and earlier)
  Enabling other languages (2.63 and later)
  Installing the Classic Interface Pack (2.63 and later)

1.3. Building a small collection of HTML files
  Running the Greenstone Librarian Interface
  Starting a new collection
  Adding documents to the collection
  Building the collection
  Viewing the extracted metadata
  Viewing the internal links and external links
  Setting up a shortcut in the Librarian interface

1.4. A simple image collection
  Adding Title and Description metadata
  Change Format Features to display new metadata
  Changing the size of image thumbnails
  Adding a browsing classifier based on Description metadata
  Creating a searchable index based on Description metadata

1.5. A collection of Word and PDF files
  Viewing the extracted metadata
  Manually adding metadata to documents in a collection
  Document Plugins
  Search indexes
  Browsing classifiers
  Renaming the search indexes
  Classifying on multiple metadata

1.6. Exporting a collection to CD-ROM/DVD

Lab 2: Designing collections

2.1. A large collection of HTML files—Tudor
Extracting more metadata from the HTML
Blocking the stray images
Looking at different views of the files in the **Gather** and **Enrich** panels

2.2. Enhanced collection of HTML files—Tudor
Adding hierarchically-structured metadata and a **Hierarchy** classifier
Adding a hierarchical phrase browser (PHIND)
Partitioning the full-text index based on metadata values
Controlling the building process

Lab 3: Collections of bibliographic material

3.1. Bibliographic collection
Using fielded searching
Exploding the database
Reformatting the collection to use the exploded metadata

3.2. CDS/ISIS collection

Lab 4: Greenstone formatting exercises

4.1. Formatting the HTML collection—Tudor

4.2. Formatting the Word and PDF collection
Tidying up the default format statement
Linking to Greenstone version or original version of documents
Making bookshelves show how many items they contain
Displaying multi-valued metadata
Advanced multi-valued metadata

Lab 5: Advanced collection configuration

5.1. Pointing to documents on the web

5.2. Enhanced PDF handling
Modes in the Librarian Interface
Splitting PDFs into sections
Using image format
Using **process_exp** to control document processing (advanced)
Opening PDF files with query terms highlighted

5.3. Enhanced Word document handling
Using Windows native scripting
Modes in the Librarian Interface
Defining styles
Removing pre-defined table of contents
Extracting document properties as metadata

5.4. Section tagging for HTML documents

Lab 6: Sharing collections with OAI-PMH

6.1. Open Archives Initiative (OAI) collection
Tweaking the presentation with format statements

6.2. Downloading over OAI
Downloading using the Librarian Interface
Downloading using the command line

Lab 7: Two examples—multimedia and scanned images

7.1. Looking at a multimedia collection

7.2. Building a multimedia collection
Manually correcting metadata
Browsing by media type
Suppressing dummy text
Using **AZCompactList** rather than **AZList**
Making bookshelves show how many items they contain
Adding a Phind phrase browser
Branding the collection with an image
Using **UnknownPlug**
Cleaning up a title browser using regular expressions
Using non-standard macro files
Using different icons for different media types
Changing the collection's background image
Building a full-size version of the collection
Adding an image collage browser

7.3. Scanned image collection
Grouping documents by series title and displaying dates within each group
Displaying scanned images and suppressing dummy text
Searching at page level

7.4. Advanced scanned image collection
Adding another newspaper to the collection
XML based item file
Using **process_exp** to control document processing
Switching between images and text

Lab 8: Customization

8.1. Customization: macro files and stylesheets
Collection specific customisation
Changing the colour of the page title and page text
Make your own Greenstone home page
How to determine which images to replace (advanced)