Greenstone Workshop, 2007

Lab 1: Installing, browsing, building

1.1. Working with a pre-packaged collection (UNAIDS)
Installing a pre-packaged Greenstone collection
Browsing around a Greenstone collection
Searching within a Greenstone collection
Leaving the Greenstone digital library
Exercise: Use the UNAIDS collection to answer these questions

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

1.3. 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)

1.4. 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
Setting up a shortcut in the Librarian interface

1.5. A collection of Word and PDF files—Part A
Viewing the extracted metadata

1.6. 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

1.7. Downloading files from the web

1.8. 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

Lab 2: Adding metadata—and using it

2.1. A collection of Word and PDF files—Part B
Manually adding metadata to documents in a collection
Document Plugins

Search indexes
Browsing classifiers
Renaming the search indexes
Classifying on multiple metadata
Branding a collection with an image

2.2. A simple image collection
Adding a metadata set to the 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

2.3. 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

2.4. Bibliographic collection—Part A
Using fielded searching

2.5. CDS/ISIS collection

2.6. Editing metadata sets
Running GEMS
Creating a new metadata set
Adding a new element to a metadata set

Lab 3: Advanced collection configuration

3.1. 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
Opening PDF files with query terms highlighted

3.2. Formatting the HTML collection—Tudor

3.3. Pointing to documents on the web

3.4. Section tagging for HTML documents

3.5. Exporting a collection to CD-ROM/DVD

3.6. Enhanced PDF handling
Modes in the Librarian Interface
Splitting PDFs into sections
Using image format
Using **process_exp** to control document processing (advanced)

3.7. Bibliographic collection—Part B
Exploding the database
Reformatting the collection to use the exploded metadata

Lab 4: Two examples: multimedia and scanned images

4.1. Looking at a multimedia collection

4.2. 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

4.3. 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

4.4. 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 5: Interoperability

5.1. Customization: macro files and stylesheets
    Changing the background and header images
    Changing the colour of the navigation bar, page title and page text
    Adding a footer
    Make your own Greenstone home page
    Collection specific customisation
    How to determine which images to replace (advanced)

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

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

5.4. Use METS as Greenstone's Internal Representation

5.5. Moving a collection from DSpace to Greenstone
    Adding indexing and browsing capabilities to match DSpace's

5.6. Moving a collection from Greenstone to DSpace
    Using Greenstone from the command line