

## Lab 1 (2 hours): Installing Greenstone, browsing collections

### Part I – Installation and access of UNAIDS pre-built GREENSTONE collection

*Follow these installation steps:*

1. On inserting the **UNAIDS CD-ROM**, installation will begin automatically. If not, double-click *setup.exe* on the CD-ROM.

My Computer → UNAIDS11 → setup.exe

2. The InstallShield Wizard begins to install the UNAIDS pre-built collection. Click **<next>**.
3. Choose **[Run from CD-ROM (standard)]** as the setup type. This is the default and is already selected. Then click the **<next>** button.
4. Click **<next>** to install the UNAIDS collection in the default folder, which is **c:\program files\UNAIDS Library 1.1 [CD-ROM]**.

[Installation Wizard copies the required files from CD-ROM to disk]

5. Click **<OK>** to confirm completion of UNAIDS collection.
6. Click **<No>** (the default) to avoid installing Netscape (since the lab computers already have a Web browser).

[InstallShield quits—the UNAIDS Library is installed.]

*Browse around UNAIDS collection:*

7. Launch the prebuilt library by clicking:

Start → All Programs → UNAIDS Library 1.1 [CD-ROM] → UNAIDS 1.1 (Standard Version).

[Note: To access Greenstone through the Local Library Server, it is sometimes necessary to turn off the proxy settings of the browser if they are being used. Greenstone normally detects this and pops up a window alerting you to the problem.]

8. Click **<Enter Library>** in the dialog box and your browser (typically Internet Explorer by default) will display the Greenstone home page.
9. Within the Web browser, click **titles a-z** (in the centre of the navigation bar near the top of the page).

10. Access the **first book** in the list of titles by clicking the **book icon** next to the title: *The 100% Condom Programme in Thailand*.
11. Use the scroll bar to view the full length of the page.
12. In the table of contents near the top, click the folder next to the heading *Introduction: A Brief History of the 100% Condom Programme* to view this section.
13. Click the folder next to the heading *Piloting a new programme to promote condom use in commercial sex* to view the next section.

[This style of interaction can be continued to further expand and contract folders and to switch to a different section.]

14. To fully expand the contents of this introduction chapter, click **Expand Document or Chapter** in the upper left portion of the page, under the picture of the document's front cover.
15. You can return to the currently selected page of document titles by clicking the **book icon** next to the title of the book in the table of contents (this signifies closing the book). You also get to the document titles using **titles a-z** in the navigation bar, in this case to the titles beginning with A.

[Note: If the table of contents is open at the top level—showing all the chapters—then clicking the **book icon** expands the full document. For long documents, which take some time to load in, Greenstone seeks confirmation for this action: clicking 'continue' loads the full document.]

16. Browse around and peruse some other documents in the collection.

*Searching:*

17. Access the search page by clicking **search** in the navigation bar.
18. In the query box under **Search for chapters that contain some word**, enter the term **gender** then click **<search>**.

[After a short pause, the Web browser loads a fresh page showing the results of the search.]

19. Click the **page icon** for the **first matching document** in the result set (*Five Year Implementation Review of the Vienna Declaration and Programme of Action*) to view the document. Because the search was at the chapter level, you are taken directly to the matching chapter within the document.
20. Experiment further with searching, and with the interface in general. For example, there is detailed Help page. Also, through the Preferences page you can control some search settings (among other things).

The Preferences page in the UNAIDS collection is intentionally minimalist. We see other features in Lab 2 when browsing around the Demo collection that comes with Greenstone.

The home page of the UNAIDS library collection cycles through a sequence of front cover images, updated every 5 seconds or so. Clicking a particular image takes you directly to that document.

*Leaving the UNAIDS Greenstone library:*

21. There are two ways of leaving Greenstone:

- a. Exit from the Greenstone Software server. Click on the Greenstone Software in the task bar, then choose **Exit** from the **File** menu (or click on the exit hotspot, the red cross at the top right). The Greenstone Software exits, but your web browser continues to run.
- b. Exit from your web browser. Leave your web browser in the usual way. The Greenstone server detects when you exit from the browser and generates a popup window that asks whether to close down the server as well. (The reason is that other people may be using Greenstone over the network, and should not be rudely terminated.)

[The same procedure applies to leaving other pre-built collections, and, as we shall see in Lab 2, to the main Greenstone Digital Library Toolkit.]

*For completeness, we now uninstall the UNAIDS library collection. However, perhaps you should wait until you have done the treasure hunt at the end of this lab before doing this:*

22. Make sure you have quit the Greenstone Library Server.

23. Click:

Start → All Programs → UNAIDS Library 1.1 [CD-ROM] → Uninstall UNAIDS 1.1

24. The popup window asks, “Are you sure you want to completely remove this?”  
Answer <**Yes**>.

[Files are deleted]

25. Click <**OK**> to finish the uninstalling process.

## Part II – Installing and modifying the Greenstone toolkit

*Installation steps to be followed:*

1. On inserting the workshop CD-ROM, your browser will start automatically and load the home page for the workshop resources. From here you can access copies of the presentations, and the Greenstone documentation. Scroll to the bottom of the page and click the link that says **click here to install/modify/uninstall Greenstone**. If the browser does not load the home page automatically, open *Greenstone\_workshop.html* on the CD-ROM:

My Computer → GSDL Fiji → Greenstone\_workshop.html

If the installation doesn't start when you click the link, use a right-mouse click on **GSDL Fiji** to open the workshop CD-ROM and then double-click *setup.exe* to initiate installation:

My Computer → GSDL Fiji → setup.exe

2. Choose Setup Language. English [United States] is the default.  
[InstallShield pops up a window while it performs some preparatory checks.]
3. The InstallShield Wizard begins to install the Greenstone software. Click **<next>**.
4. Accept all the terms of license agreement by clicking **<yes>**.
5. Click **<next>** to install Greenstone in the default folder, which is **c:\program files\gsdl**
6. Choose **[Local library (recommended)]** as the type of setup. This is the default and is already selected. Then click **<next>**.
7. Choose the collection or collections that you want to install, then click **<next>**.
8. Set the admin password **[for purposes of workshop, use “admin”, which happens to be the default provided.]**  
  
[InstallShield copies the required files from CD-ROM to disk, which can take a few minutes.]
9. Click **<Finish>** to finish installation of the Greenstone Local Library.
10. You will be asked whether to install the ImageMagic image processing package. You should install this if you have not done so before (or if you are not sure). Select all defaults in the installation dialog until you are asked whether you wish to **view index.html**, which you do not need to do.
11. Check the installation by clicking

Start → Programs → Greenstone Digital Library → Greenstone Digital Library.

[Recall from Part I: to access Greenstone through the Local Library Server, it is sometimes necessary to turn off the proxy settings of the browser. Greenstone normally detects this and pops up a window alerting you to the problem.]

12. Click on **<Enter Library>** in the dialog box, and your browser should display the Greenstone homepage.
13. Access the Demo collection, which is a small subset of the *Humanity Development Library*, and briefly explore its content through browsing and searching.

*Modify your Greenstone installation to include the “export to CD-ROM” feature:*

14. Return to the home page of the workshop CD-ROM. There are various ways to do this, for instance double-click on *GSDL Fiji* within *My Computer* (on Windows XP, this is on the Windows **Start** menu) to initiate its auto-run feature, or eject and re-insert the CD-ROM to trigger the same action.
15. Click on the ‘Install/modify/uninstall’ link.
16. Choose Setup Language.

[This time, upon detecting an existing Greenstone installation, the installer pops up a box that asks you choose whether to modify, repair, or remove the installation.]

17. Choose **modify** (the default) and click **<next>**.
18. Activate **Export collection function**, the third option down in the list of selectable features. A tick (or cross) in the box shows that an item is active; activate or deactivate it by clicking.

[Installation Wizard copies the required files, which should be much quicker than the original install.]

19. Click **<Finish>** to complete the modification.

### Part III – Extra exercises

#### *Treasure hunt:*

1. How many publications are there in the collection?
2. How many documents are there that mention *Australia* in the title?
3. How many top-level subject categories are there?
4. What does AAVP stand for?
5. What does AIDS stand for?
6. Considering lower case variants only, how many times does the word “condom” appear in the collection? How many times for “condoms”?
7. If case sensitivity does not matter, how many times does the word “condom” appear in the collection? How many times for “condoms”?
8. If word endings are ignored, how many times does “condom” and variants such as “condoms” appear in the collection?
9. How many *documents* contain some variations of the word “condom”? Does this make it a useful search term?
10. What year saw the first reported case of AIDS in New Zealand?