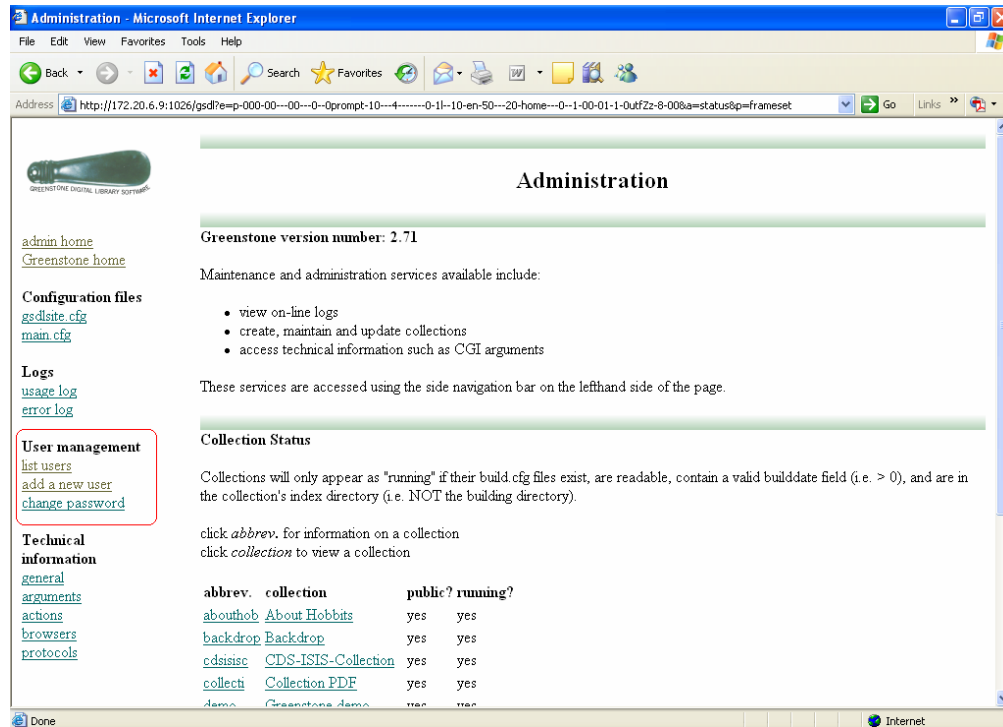
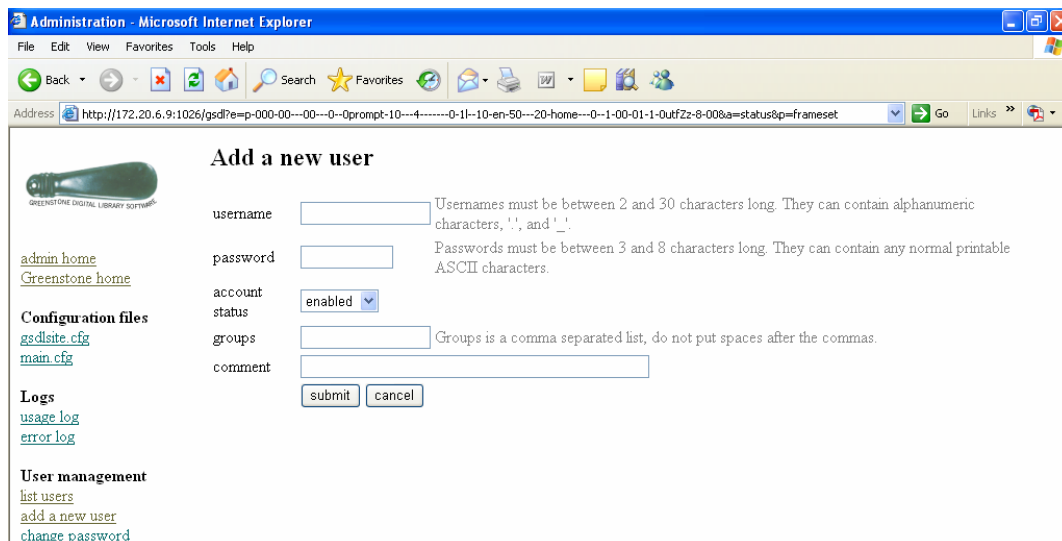


Greenstone User Administration

To access the Administration Facility, click the appropriate link on the front page. Then you will be taken to the below screen. You can see the “**User Management**” Section on the left side frame. Here you can make authorized users to access collections/ documents. From the administration page users can be listed, new ones added, and old ones deleted. The ability to do this is of course also protected: only users who have administrative privileges can add new users. It is also possible for each user to belong to different “groups”.



For adding a new user click on the “*add a new user*” link. Then you will be asked to give the username and password. The default username is *admin* and password is ‘*admin*’. Then you will be taken to the following page:



Fill the columns with a new user name and the password information. Provide a name for groups (Eg: *faculty*) and click submit button. Now you can see the List of current users. You can add more number of users in the same group.

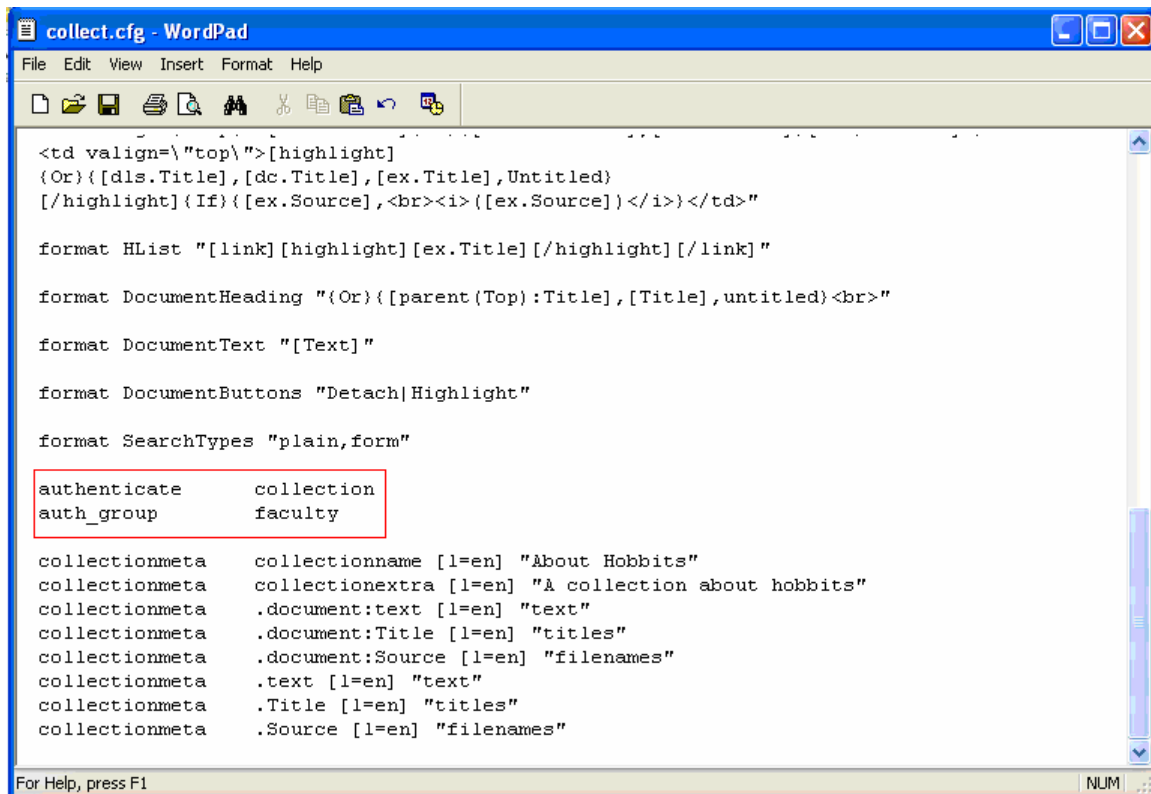
Collection Authentication

Greenstone Authentication can be done in (a) Collection level as well as (b) Individual Document level. Authentication strings should be given in the collection configuration file of the target collection.

File Location: ../greenstone/collect/ 'collection name'/etc/collect.cfg

Authentication : Collection Level

The authentication string should be given just above the collectionmeta strings as below. Save and close the file



```
collect.cfg - WordPad
File Edit View Insert Format Help
[Icons]
<td valign=\ "top\ ">[highlight]
{Or}{[dls.Title],[dc.Title],[ex.Title],Untitled}
[/highlight] {If}{[ex.Source],<br><i>{[ex.Source]}</i></td>"
format HList "[link][highlight][ex.Title][highlight][link]"
format DocumentHeading "{Or}{[parent(Top):Title],[Title],untitled}<br>"
format DocumentText "[Text]"
format DocumentButtons "Detach|Highlight"
format SearchTypes "plain,form"
authenticate      collection
auth_group        faculty
collectionmeta    collectionname [l=en] "About Hobbits"
collectionmeta    collectionextra [l=en] "A collection about hobbits"
collectionmeta    .document:text [l=en] "text"
collectionmeta    .document:Title [l=en] "titles"
collectionmeta    .document:Source [l=en] "filenames"
collectionmeta    .text [l=en] "text"
collectionmeta    .Title [l=en] "titles"
collectionmeta    .Source [l=en] "filenames"
For Help, press F1 NUM
```

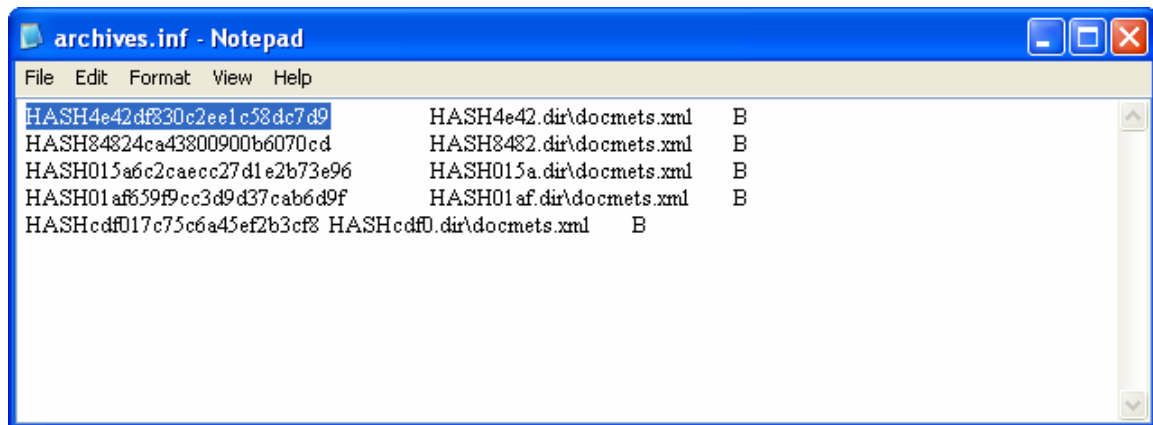
Authentication: Document Level:

For restricting a particular document in a collection, you have to find out the corresponding document ID (Eg: HASH4e42df830c2ee1c58dc7d9) and include in the authentication string. The easy way to find out the document ID is to open the document in the DL and click on the address bar, you can see a number starting with 'Hash.... (See the following figure)



The complete document ID can be taken from:

`../Greenstone/collect/ 'collection name'/archives/archive.inf` (see the below figure)



Copy the document ID and add in the authentication string as below:

authenticate	document
private_documents	HASH4e42df830c2ee1c58dc7d9
auth_group	faculty

Use 'space' to add another document ID in the second line. Save and close the collect.cfg file.

Restart the Greenstone Digital Library Software and click on the target collection/document, you will be asked for user name and password.

All the best !

Greenstone Authentication Scheme is given below, go through it for further clarification.

Greenstone Authentication Scheme

The authentication scheme controls access to the collection. It works in two steps. First it determines whether to restrict access to the collection as a whole or to individual documents in it, and in the latter case which documents those are (either by giving a list of private documents for which access is to be authenticated, or specifying that all documents are private except for a given list of public documents). Then for access-restricted documents it determines which users are to have access.

Authentication is activated by the *authenticate* directive with the value *collection* or *document* depending on whether authentication is to be performed on the full collection or on a per-document basis (the default value is *collection*). If authentication is on a *document* basis, then one can *either* specify a list of private documents (in which case all others are public) or a list of public documents (in which case all others are private) using directives *private_documents* or *public_documents*. The documents themselves are specified using Greenstone document identifiers (separated by spaces): the easiest way to determine these is to locate each document in the collection and look at the *d* argument in its Greenstone URL.

The *auth_groups* directive specifies the Greenstone groups for to which access will be permitted, if the document (or collection) is one of those that requires authentication. It is followed by a group name (or a list of group names separated by spaces). The Greenstone *admin* pages allow you to define groups and add members to them.
