ECE 3940
N. Cotter

USING .htaccess
By: Neil Cotter

THE
UNIVERSITY
OF UTAH

Reference

The information presented here is covered in more detail on the following web site:
http://httpd.apache.org/docs/1.3/howto/auth.html - basic

Making the `public_html` Directory (example for user named `neilc`)

On your UNIX system, create a directory for web pages in your home directory:
`/home/neilc% mkdir public_html`
The directory must be called public_html for URL's on CADE machine to work.

Make sure `public_html` and the files you put in it have permissions for outsiders to read and execute files:
`/home/neilc% chmod 0755 public_html`

Move into the directory:
`/home/neilc% cd public_html`

Creating a file for the Encrypted Password

Use the `htaccess` command to create an encrypted password. You enter the first line, and the program comes back to ask for a password, twice. The password will not show up as you type, so type carefully!

The command includes the filename of the encrypted password file that `htaccess` will create. The filename comes after the `-c` flag. The username "`outsider`" in this example is the name people will have to enter on the web site in order to gain access. (It is Not your UNIX username.) You can use any name you like.

Please note that the command below will overwrite an existing password file. If you want to add users, see the web site mentioned above.

```
/home/neilc% htpasswd -c mypasswdfilename.file outsider
New password: yourpasswd
Re-type new password: yourpasswd
Adding password for user outsider
```

This creates a file called `mypasswdfilename.file` (it must end in `.file`) containing the username "`outsider`" followed by the encrypted password "`yourpasswd`":

outsider:gXTULZSYk2p9w

The `.htaccess` file

To password protect your directory, you now create a file called `.htaccess`
(You have to use this exact filename.)

Here is an example of what to put in .htaccess
```
AuthType Basic
AuthName "Password Required"
AuthUserFile /home/neilc/public_html/mypasswdfilename.file
Require user outsider
```

Now place an `index.html` file and other web pages in your directory. To get to them, use the following URL with your UNIX username instead of `neilc`:
```
http://www.eng.utah.edu/~neilc
```

A page asking for a username and a password will come up in your web browser.
The username is `outsider`, and the password is `yourpasswd`. Type those in, and you will have access to the web site.