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Preamble

- Anyterm provides a web interface to ssh.
- **Debian Testing (etch) is Required!!!!**
- A significant amount of memory (+128mb) is required for compiling
- Compiling can be messy as there are several libraries required

Get Anyterm

<http://anyterm.org/download/index.html>

Download <http://anyterm.org/download/anyterm-1.1.15.tbz2>

```
wget http://anyterm.org/download/anyterm-1.1.15.tbz2
apt-get install bzip2
bzip2 -d anyterm-1.1.15.tbz2
tar -xf anyterm-1.1.15.tar
```

Install Pre-Requisites

Following the Instructions on <http://anyterm.org/1.1/install.html>

```
wget http://mesh.dl.sourceforge.net/sourceforge/rote/rote-0.2.8.tar.gz
tar -xzf rote-0.2.8.tar.gz
```

And various pre-requisites, plus compiler:

```
apt-get install g++
apt-get install libncurses5-dev
apt-get install apache2-threaded-dev
apt-get install libboost-thread1.33.1 libboost-thread-dev libboost-dev
//The latest versions in debian testing are required.
//Maybe, libncursesw5 and make also.
```

Install ROTE

```
cd rote...
./configure
make
make install
```

Install Anyterm

```
cd anyterm....
cd apache...
make
make install
```

It *should* compile with no errors. "make install" wont work if it goes wrong.

```
vi /etc/apache2/mods-available/anyterm.load
//add in this line:
LoadModule anyterm /usr/lib/apache2/modules/anyterm.so
```

Copy the "browser" files from the untarred directory to /var/www/anyterm or /srv/anyterm. There should be a .htaccess file already in this browser folder. Edit it and place something similar to:

```
anyterm_command '/usr/bin/ssh -q %u@myserver.com'
// %u is the apache authenticated user.
```

Other useful additions to this htaccess file are:

```
SSLRequireSSL
DirectoryIndex anyterm.html
AuthUserFile /location/to/.htpasswd
AuthName EnterPassword
AuthType Basic
require valid-user
```

Either use a htaccess/htpasswd user for a single login or study imap auth_pam

The Problem and Latest Version Working

Of course the latest Anyterm didnt want to work with my apache and setup. It was giving errors such as:

```
[Tue Sep 12 17:49:04 2006] [notice] child pid 26342 exit signal Illegal instruction (4)
[Tue Sep 12 17:49:04 2006] [notice] child pid 26342 exit signal Illegal instruction (11)
```

When I went back through the version - they didnt want to compile without more work.

Version "1.1.8 2005-12-28 anyterm-1.1.8.tbz2 (75k)" worked out of the box, perfectly. It was a case of wget'ing it, unzip, untar and make, followed by make-install.