

How To Setup Your Own Personal Website At Texas State¹

By: Randy Cornell (rac154@txstate.edu)

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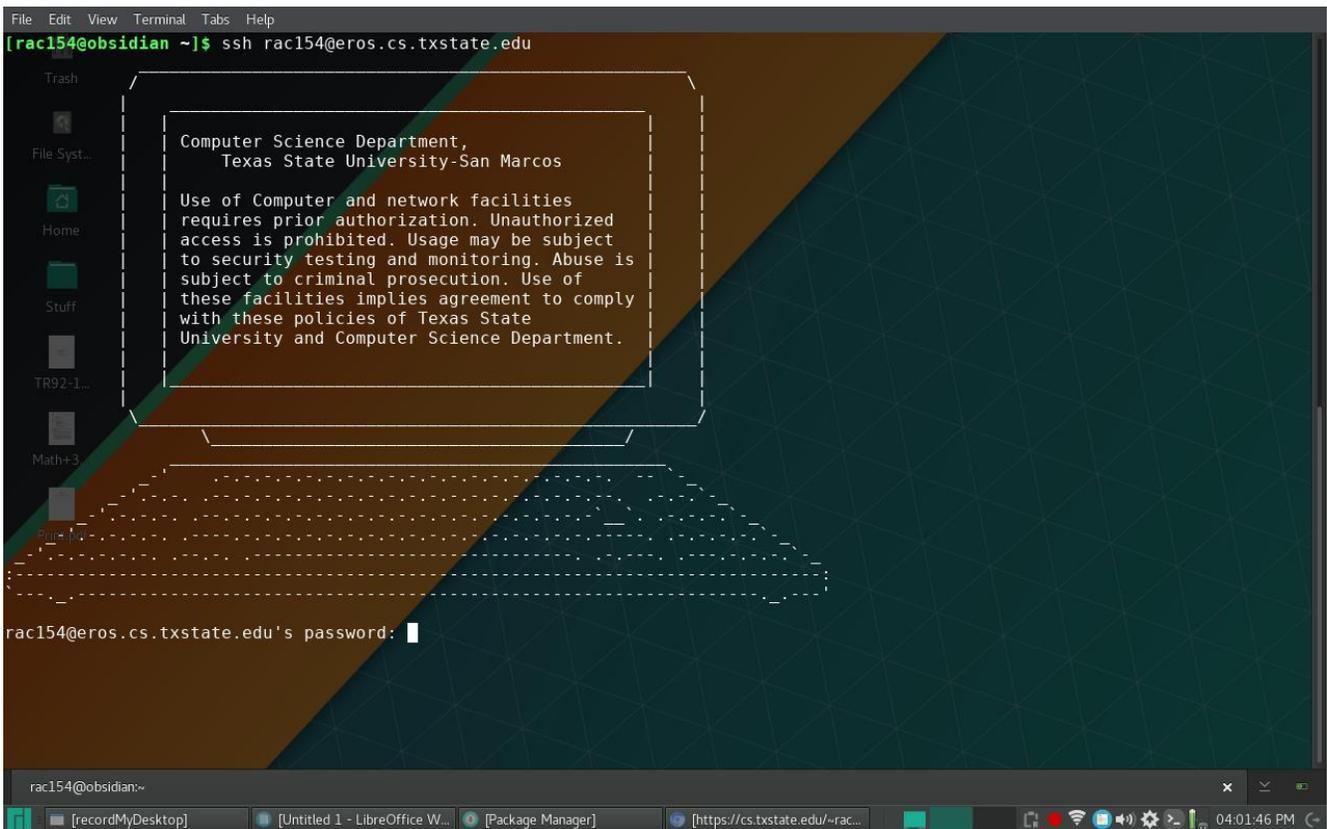
Prerequisites

You are going to need to have access to Texas State Linux Servers (Currently Eros, and Zeus).

Also there are some documents online (can't find right now) but the rules for your website as far as I read can be anything as long as you don't use your website for any sort of business.

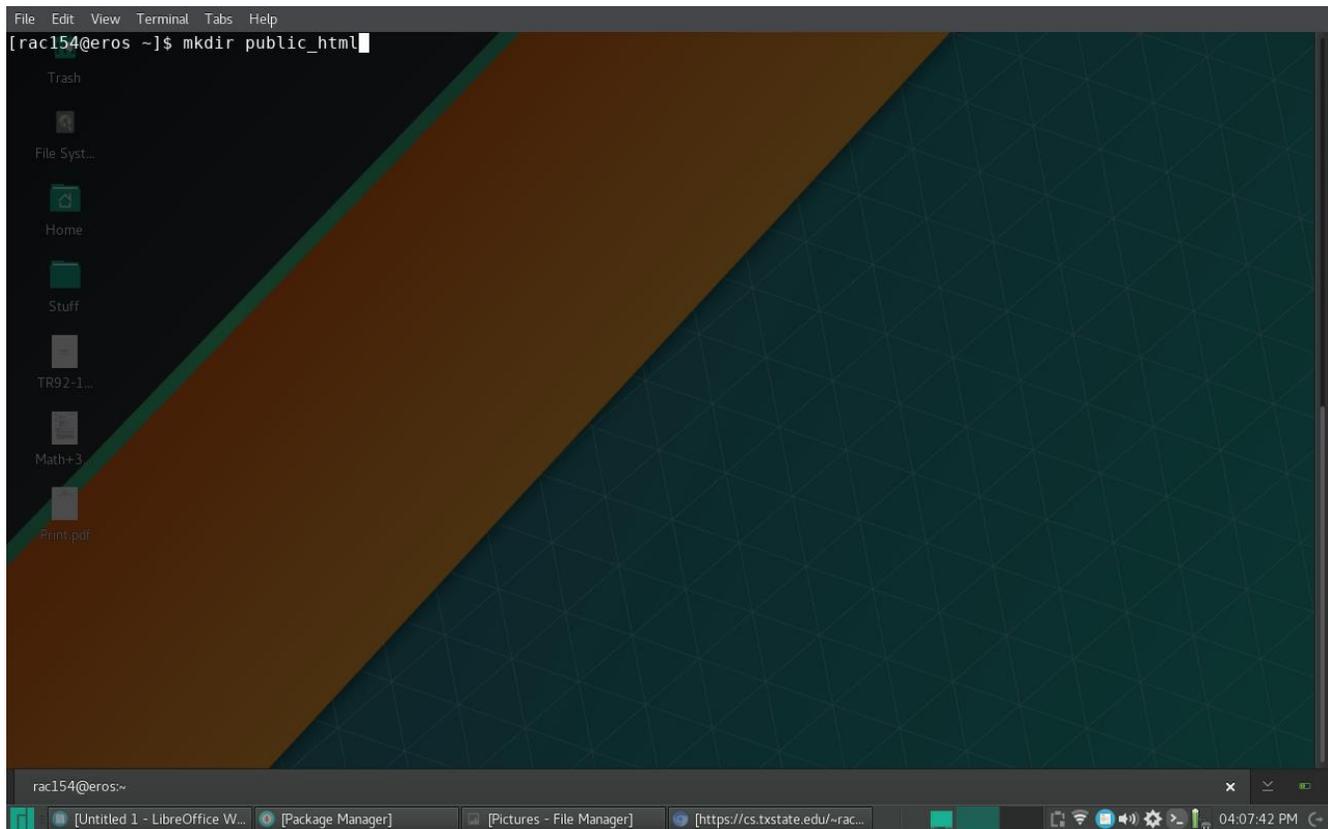
Step 1: Login

First you need to login in to one of the Linux servers (Zeus, Eros) via SSH (terminal, putty).



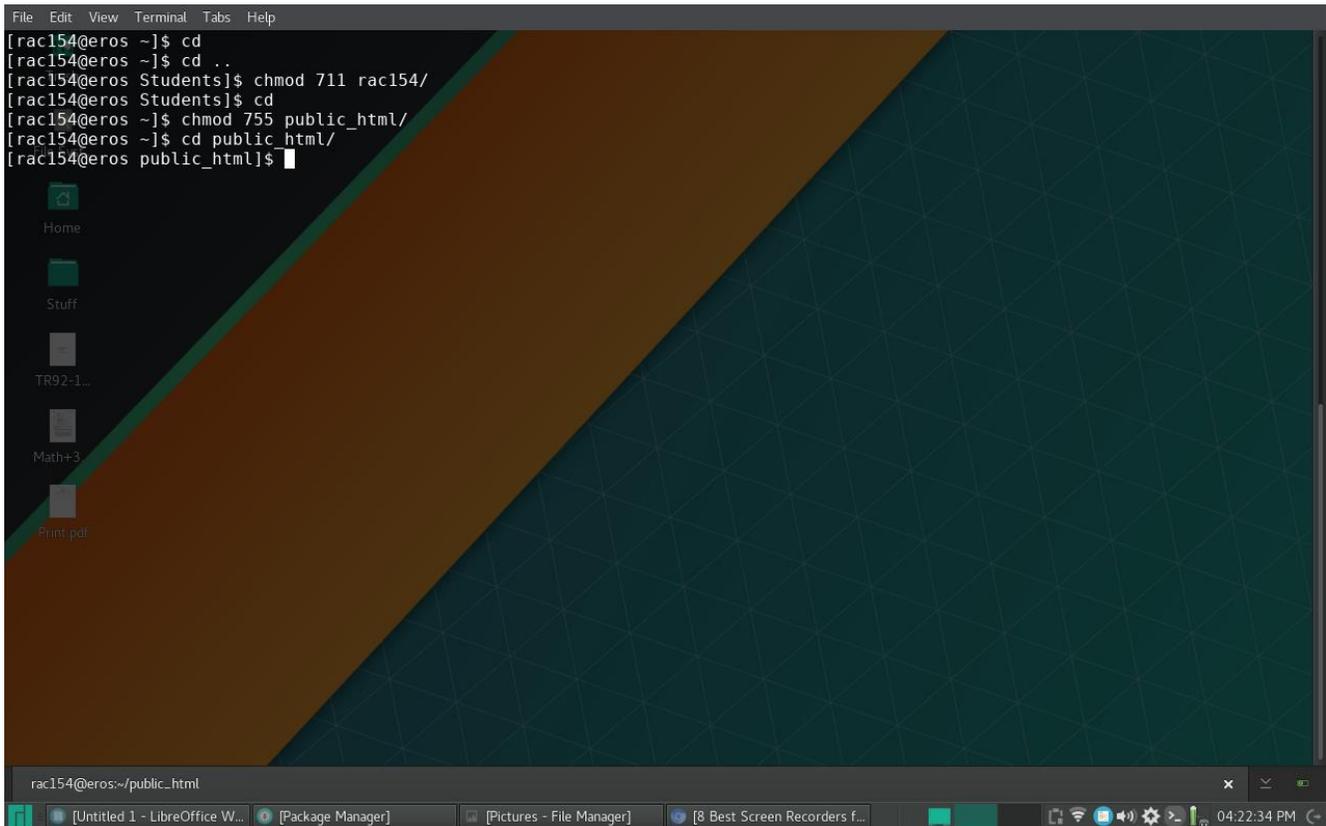
Step 2: Create (Or confirm you have) A `public_html` folder

You need to create a `public_html` (IMPORTANT: IT HAS TO HAVE EXACTLY THE SAME NAME) via a command called `mkdir`.



Step 3: Setting the folder Permissions

You need to set the folder permissions to the following for each folder. The folder that exists at `/home/Students/netid`(whatever your netid is) needs to be **711** (IMPORANT: MAKE SURE YOU ENTER IN THE RIGHT INFORMATION OR YOU COULD MESS UP YOUR LOGIN), and the folder that exists at `/home/Students/netid/public_html` needs to be **755**. You will use a command called `chmod` look bellow for example.



```
File Edit View Terminal Tabs Help
[rac154@eros ~]$ cd
[rac154@eros ~]$ cd ..
[rac154@eros Students]$ chmod 711 rac154/
[rac154@eros Students]$ cd
[rac154@eros ~]$ chmod 755 public_html/
[rac154@eros ~]$ cd public_html/
[rac154@eros public_html]$
```

The screenshot shows a terminal window with a dark background and a light-colored grid pattern. The terminal output shows the user navigating through the directory structure and setting permissions. The file manager sidebar on the left shows the current directory structure: Home, Stuff, TR92-1..., Math+3, and Print.pdf. The terminal window title is "rac154@eros ~/public_html". The system tray at the bottom shows the time as 04:22:34 PM and various system icons.

Step 4: Make Your index.html file

You then need to make an **index.html** file (IT HAS TO BE NAMED EXACTLY THIS) inside the **public_html** folder for your home page. Use whatever editor you like (vim, emacs, nano) to open the file and edit it. If you need there are some great tutorials at w3schools on HTML, CSS, JavaScript, PHP, and SQL (web building languages). If you don't want to create your own template then you can also download some and place their files in the public_html file from sites like FreeCSS.

```
File Edit View Terminal Tabs Help
[rac154@eros public_html]$ vim index.html
```

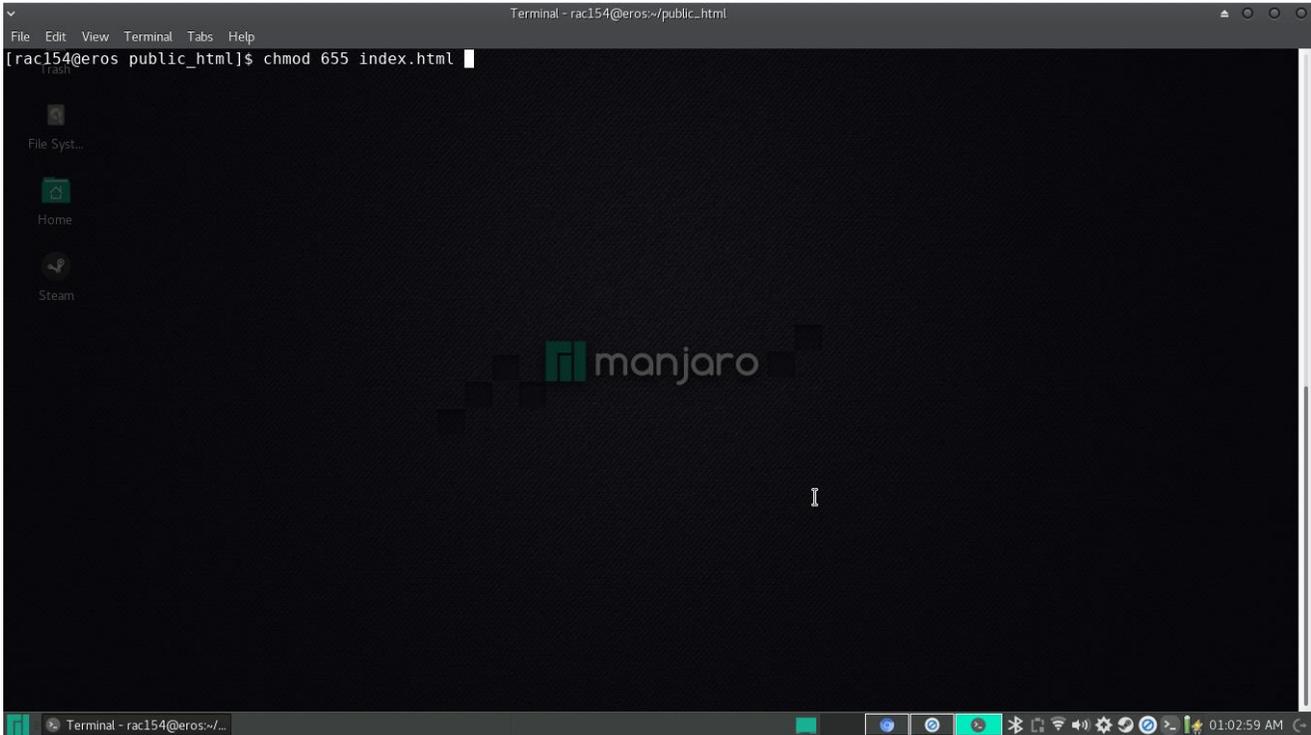
The screenshot shows a terminal window with a dark background and a light-colored cursor. The command prompt is [rac154@eros public_html]\$ and the command being entered is vim index.html. The terminal window is titled 'rac154@eros~/public_html' and is part of a desktop environment with a sidebar on the left showing file manager icons.

```
File Edit View Terminal Tabs Help
1 << @uittnc t0ral
2
3 Trash
4
5 <head>
6 <script src="jquery.js"></script>
7 <script>
8   $(function(){
9     $('#includedContent').load("h.html");
10  });
11 </script>
12 </head>
13
14 Stuff
15
16 <html>
17 <style>
18   #r92-1 div {
19     display: block;
20     background-color: #ffcc00;
21     width: 80px;
22     height: 100px;
23     padding: 10px;
24     margin: auto;
25   }
26   #mipath {
27     text-align: left;
28   }
29 </style>
30 <body bgcolor = "white" >
31 <div>
32 <ul style = "list-style-type: none; padding-left: 0;">
33 <li style = "float: left;">
34 <img src = "home.png" alt = "Home" style = "width: 75px; height: 125px; float: none;">
35 <p style = "margin: 0px 0px 0px 20px">
36   Home
```

The screenshot shows the same terminal window as above, but now displaying the contents of the index.html file being edited in vim. The file content includes HTML head tags with a jQuery script, a body tag with a white background color, and a div containing a list with a home button image and a link. The terminal window title is 'rac154@eros~/public_html' and the status bar shows '1,1 Top'.

Step 5: Change Permissions on index.html

Once you have a basic html doc up you need to change the permission on the **index.html** (like we did with the folders) to **655** using the same command *chmod*. (Note: if you download a template then you have to make sure that all the files have **655** file permissions and any directories have **755** file permissions)



Step 6: Test your webpage

Open up your favorite web browser and then type in the top www.cs.txstate.edu/~netid/(your actual netid) (IMPORTANT: IT HAS TO TYPED EXCATLY AS SHOWN).

cs.txstate.edu/~rac154/

Home Research Obsidian Pigeon Texas State Linux Stats

Randy Cornell

Basic Information

Classification: Undergraduate

Level: Senior 3rd Year 2nd Semester

Majors: Computer Science, Electrical Engineering (Computer Engineering)

Bobcat Mail: rac154@txstate.edu

About Me:

Currently pursuing a Bachelor in Science in both [Computer Science](#) and [Electrical Engineering](#) with a concentration in Computer Engineering at Texas State University. A member of [Dr. Burscher's](#) research lab, [Efficient Computing Laboratory \(ECL\)](#), currently working on minimum spanning tree algorithms for GPUs. An original founder of an independent study group sponsored and signed off by [Dr. Aslan's](#), given the code name [Obsidian](#). A member of a senior design team working with Intel® on their open source platform the Minnowboard. I previously was a grader for [Dr. Qasem's](#) CS 3339 [Computer Architecture](#) class.

04:41:05 PM

Errors:

If you get these errors when you open of the webpage this is what you need to do.

1. FILE NOT FOUND:

- Things to verify:

1. That you named the website folder public_html (EXACTLY THE SAME)
2. That there is an index.html in your public_html folder

2. PERMISSION DENIED

- Things to verify:

1. That the index.html file permissions are set to -rw-r-xr-x or 655
2. That the public_html folder permissions are to drwx-r-xr-x or 755
3. That your student folder permissions are set to drwx--x--x or 711

Final Thoughts

You should now have a basic website set up, you can put projects, groups, and even your resume on your website while showing off your web development skillset. Let me know if you have any questions, need any help, have any suggestions to improve this document, or want to know about something else.