

COP 3514 Program Design

Tutorial: Connecting to Circe

1. Go to <http://www.rc.usf.edu/>
- If you don't have an account, click on the Get Account link (Image 1) and follow the instructions

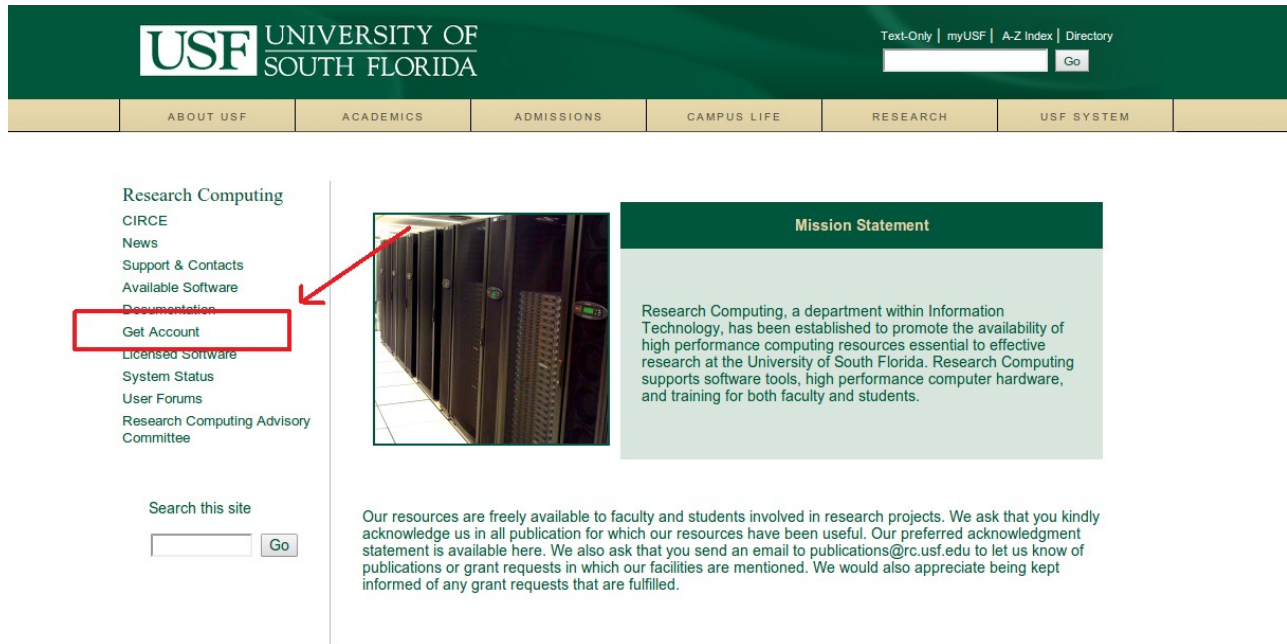


Image 1

- After you get an account click on the Documentation link (Image 2)

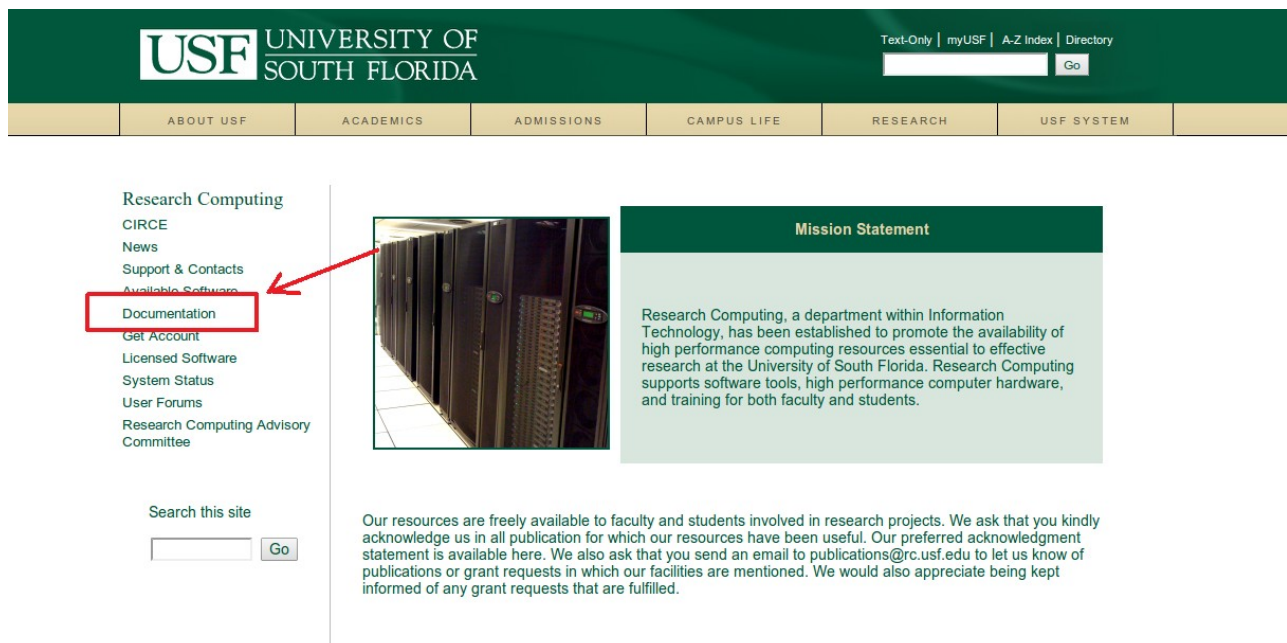


Image 2

- Click on the Accessing your Data link and follow the instructions(Image 3)

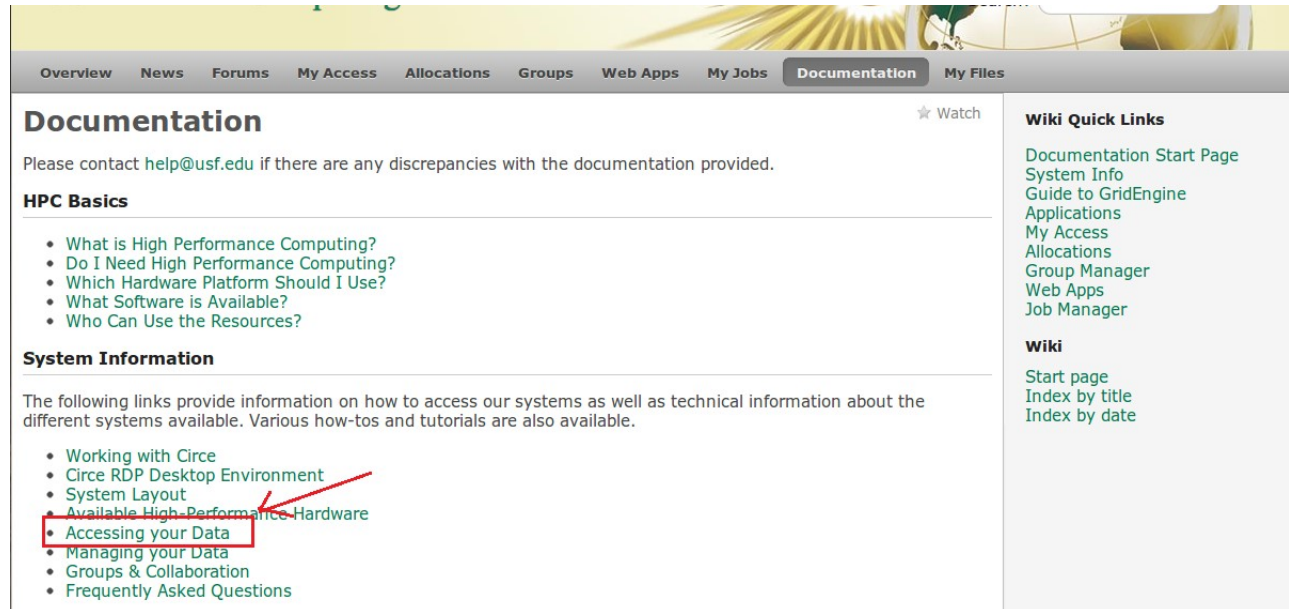


Image 3

- Important data to remember is your hostname, port, username and password (Image 4)

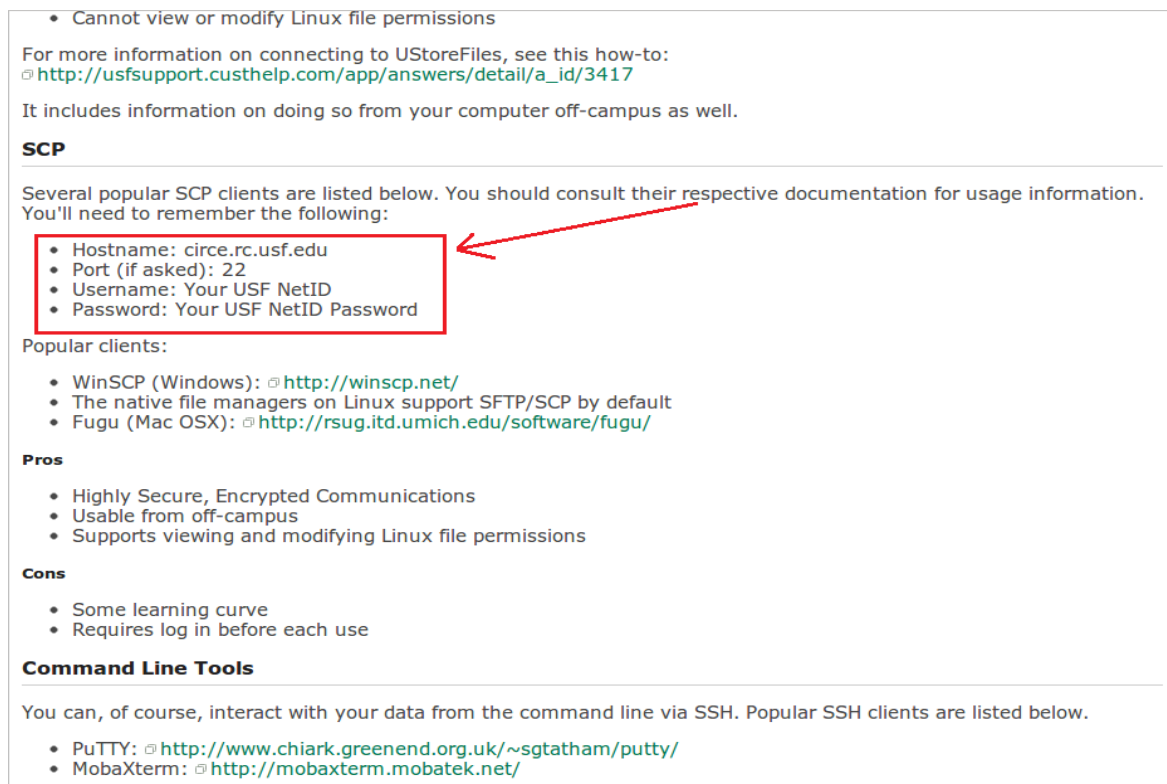


Image 4

2. Once you have setup your Circe account and have access to your files copy the .c files to your Circe directory.

If you are using linux or mac os you can simply open a terminal and type:

“`ssh username@circe.rc.usf.edu`” to connect to your Circe account.

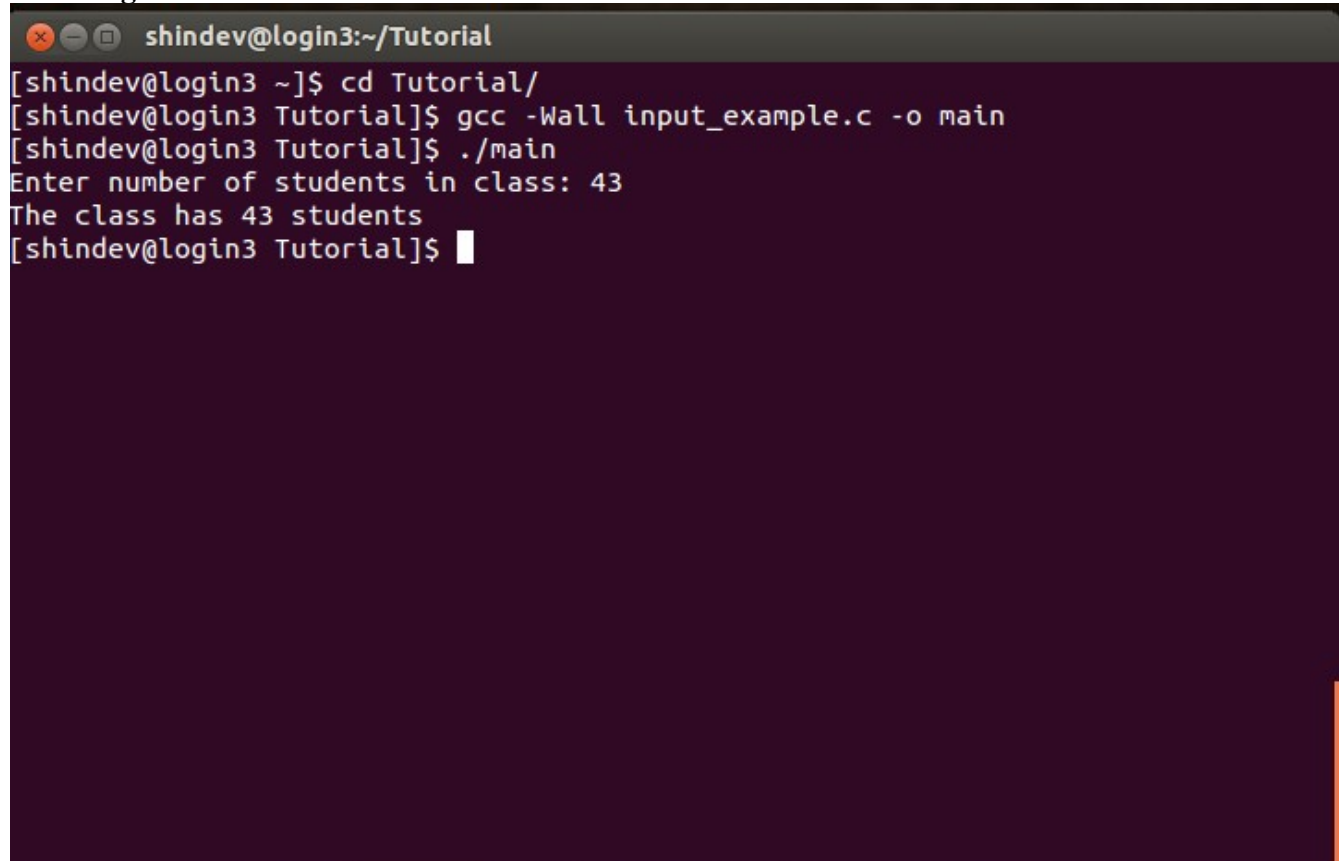
If you are using Windows connect via Putty using your *hostname*, *port*, *username* and *password*.

Once connected, use the “`cd`” command to navigate to the directory of the .c files.

To compile and run a file type “`gcc -Wall foo.c -o main`” where “`foo`” is the name of the .c file and “`main`” is the name you wish to give to the executable.

To run the executable type “`./main`”

Example: I have created a Tutorial folder under my Home directory on my Circe account. I have copied all of my .c files in the folder Tutorial. To compile and run the input_example.c file the following commands must be executed:

A terminal window with a dark purple background and a grey title bar. The title bar contains window control icons and the text 'shindev@login3:~/Tutorial'. The terminal shows the following sequence of commands and output:

```
[shindev@login3 ~]$ cd Tutorial/  
[shindev@login3 Tutorial]$ gcc -Wall input_example.c -o main  
[shindev@login3 Tutorial]$ ./main  
Enter number of students in class: 43  
The class has 43 students  
[shindev@login3 Tutorial]$
```