

# Accessing Mosaic Linux via FastX on Linux

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Test on: Ubuntu 16.04

Applies to: All 64bit Linux distributions

The current method for accessing Mosaic Linux via your personal computer is through a program called FastX. This program can be downloaded on the Mosaic website [here](#)<sup>1</sup>. If you are off campus will you need to use the campus VPN and the profile “vpn.uncc.edu/engr”.

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<sup>1</sup> <https://engrmosaic.uncc.edu/accessing-mosaic/graphical-mosaicanywhere-nx>

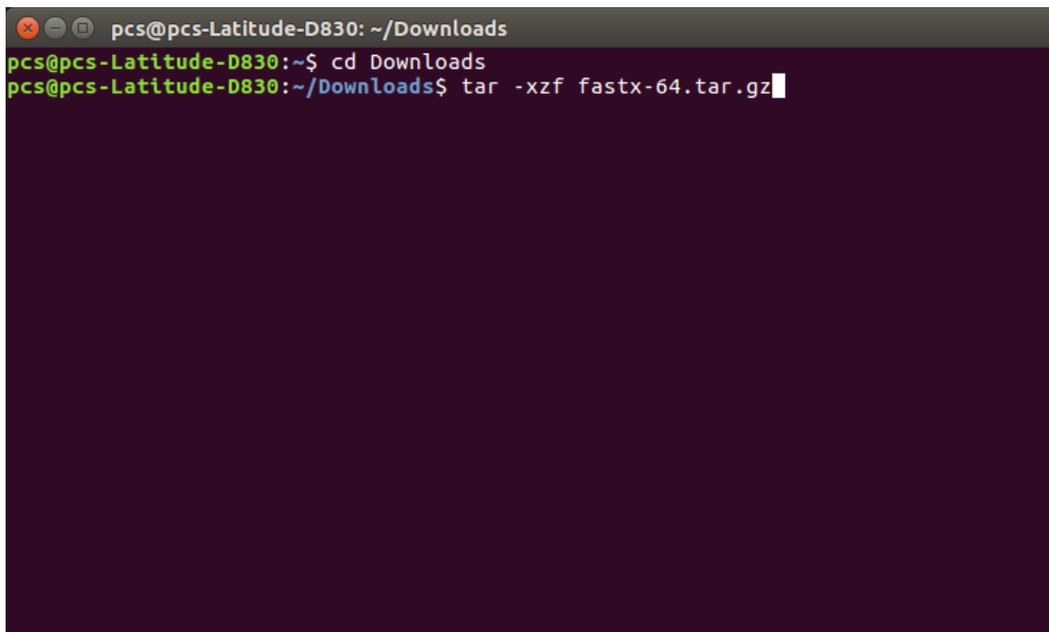
## Installation and Setup

Download the tar from the Mosaic website [here](#)<sup>2</sup>. Open a terminal at your download directory.



```
pcs@pcs-Latitude-D830: ~  
pcs@pcs-Latitude-D830:~$ cd Downloads
```

Unpack the tar with the following command “tar -xzf fastx-64.tar.gz”.

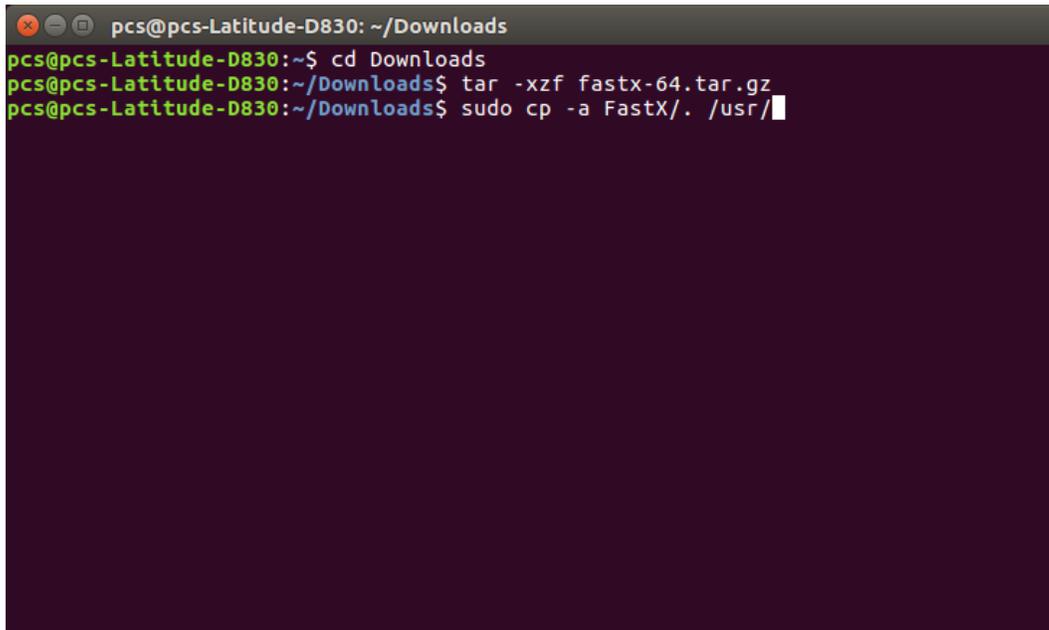


```
pcs@pcs-Latitude-D830: ~/Downloads  
pcs@pcs-Latitude-D830:~$ cd Downloads  
pcs@pcs-Latitude-D830:~/Downloads$ tar -xzf fastx-64.tar.gz
```

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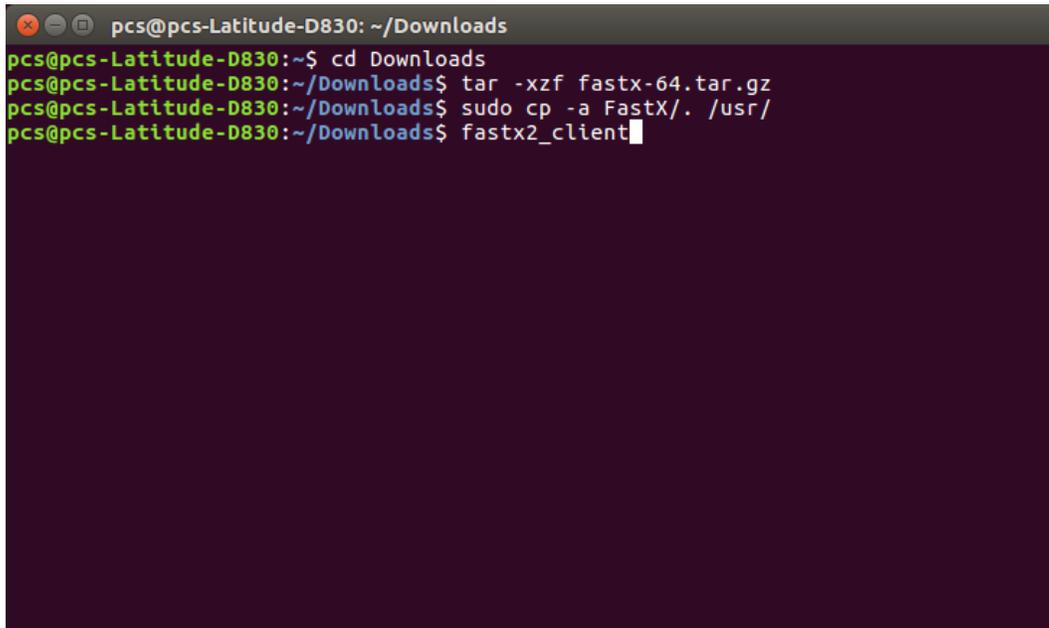
<sup>2</sup> <https://engrmosaic.uncc.edu/accessing-mosaic/graphical-mosaicanywhere-nx>

Install the program with the following command “`sudo cp -a FastX/. /usr/`”.



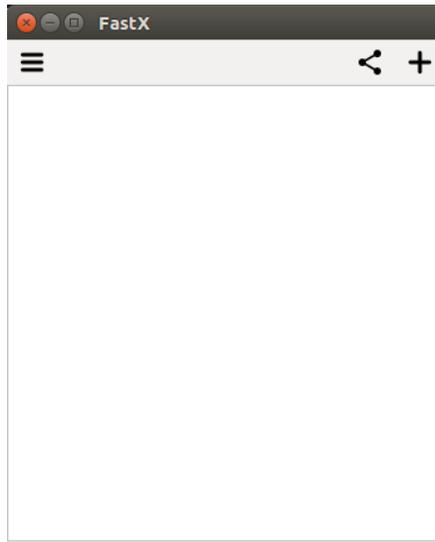
```
pcs@pcs-Latitude-D830: ~/Downloads
pcs@pcs-Latitude-D830:~$ cd Downloads
pcs@pcs-Latitude-D830:~/Downloads$ tar -xzf fastx-64.tar.gz
pcs@pcs-Latitude-D830:~/Downloads$ sudo cp -a FastX/. /usr/
```

Once you input your password and the command finishes use the command “`fastx2_client`” to run the program.

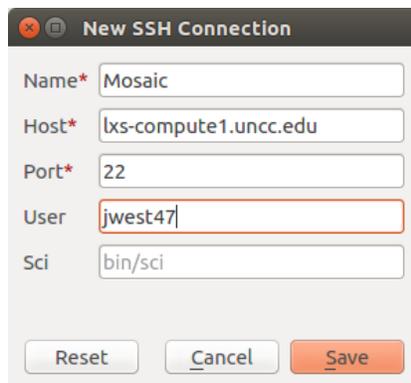


```
pcs@pcs-Latitude-D830: ~/Downloads
pcs@pcs-Latitude-D830:~$ cd Downloads
pcs@pcs-Latitude-D830:~/Downloads$ tar -xzf fastx-64.tar.gz
pcs@pcs-Latitude-D830:~/Downloads$ sudo cp -a FastX/. /usr/
pcs@pcs-Latitude-D830:~/Downloads$ fastx2_client
```

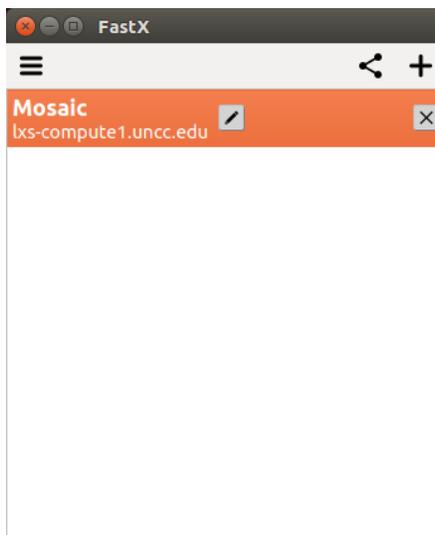
You will now see the FastX gui. Click the “+” in the top right and choose “ssh”.



Enter the information as seen below. Choose any name for the connection. Choose one of the 4 Linux servers (lxs-compute1, lxs-compute1, lxs-epic1, lxs-epic2). Enter your username. Click “Save”.



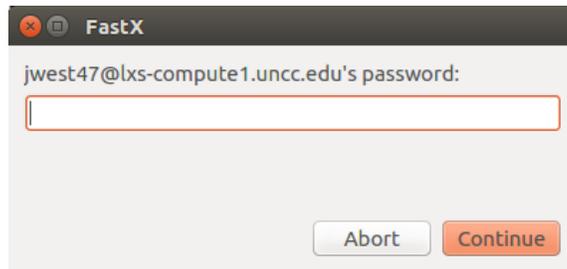
Double click on the new connection.



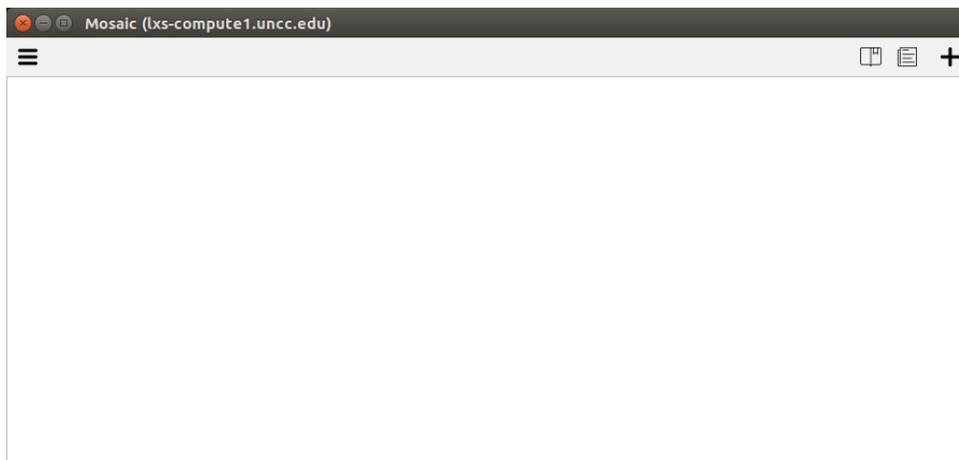
Click "Continue" if this message pops up.



Enter your Moasic Linux password and click "Continue".



On the connection window click the "+" in the top right.



Choose your session and click "OK". MATE is recommended. You will now be connected to Mosaic Linux.

