

2011

How to Install the XenApp Client for myUTSA Apps

Ubuntu (32 bit only)

Guide to installing myUTSA Apps for (Ubuntu 32 bit only) v1.1 r1.0



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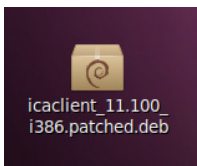
Overview

The XenApp Web Plug-in allows users of any Windows®, Mac, Linux, iOS or Android operating system to connect to myUTSA Apps and is designed to work with myUTSA Apps, allowing you to launch applications and define settings. Using this web based method is the easiest way to connect to myUTSA Apps since all of your application icons are automatically generated and all of your printers and drives are automatically mapped to the myUTSA Apps session.

This document outlines the steps involved in installing the XenApp Web Plug-in as well as how to configure Ubuntu to connect to myUTSA Apps.

How to Install the XenApp Client on Ubuntu

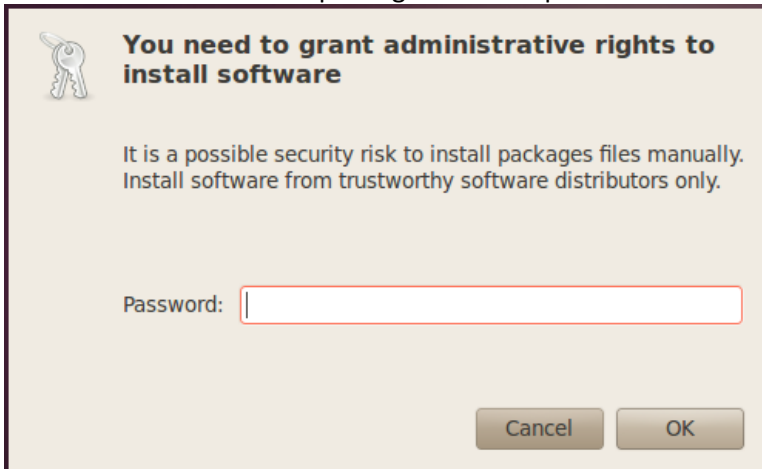
1. Download the .deb client from:
<http://www.citrix.com/English/ss/downloads/details.asp?downloadId=3323&productId=186&c1=sot2755>



2. Double click on the .deb file to begin the install



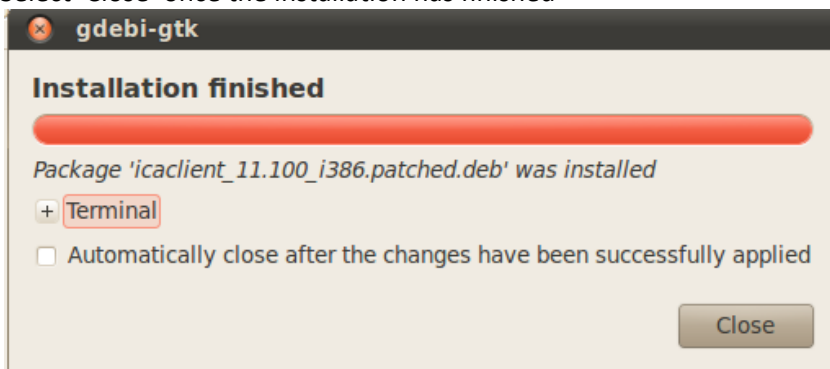
3. Enter in the Administrator privileged account password



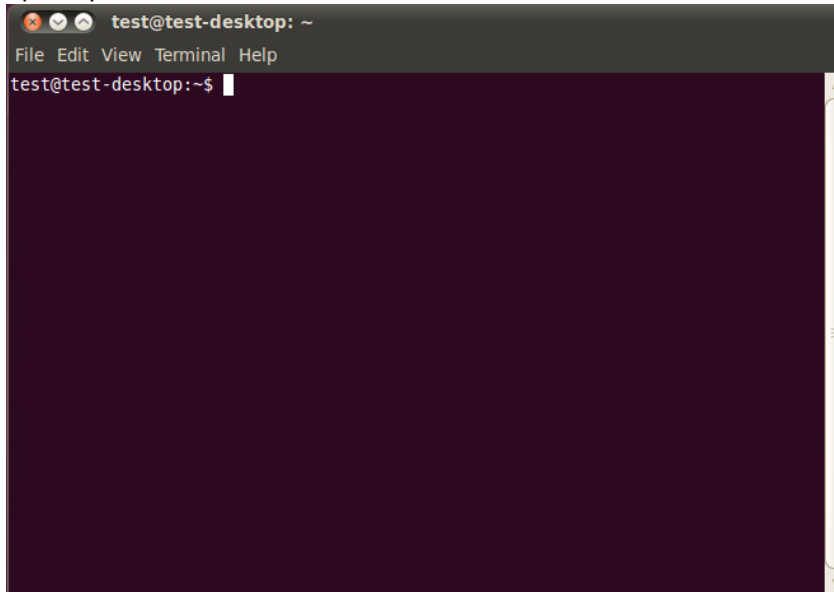
4. Read and if you accept the EULA check the acceptance box and select 'Forward'



5. Select 'Close' once the installation has finished

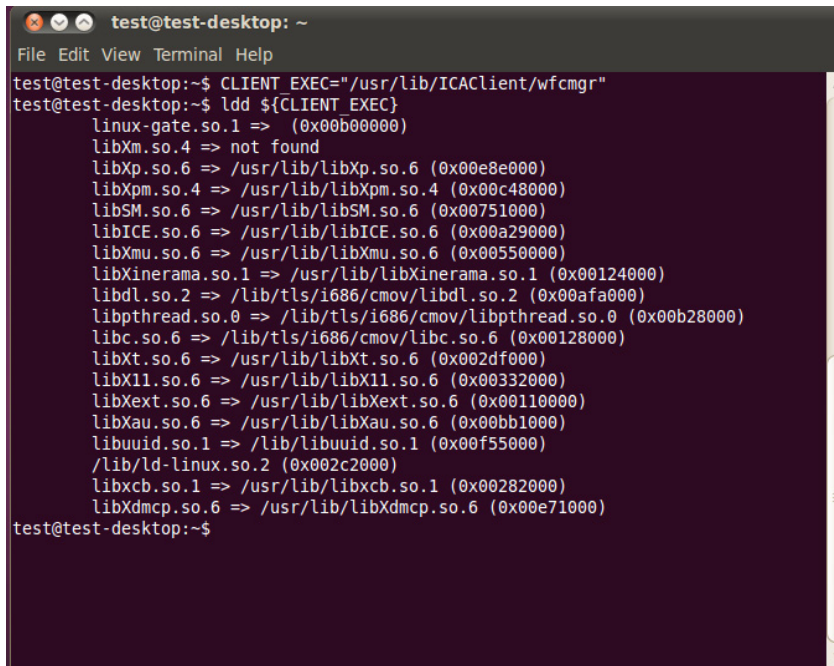


6. Open up a Terminal Window



7. Enter in the following command lines :

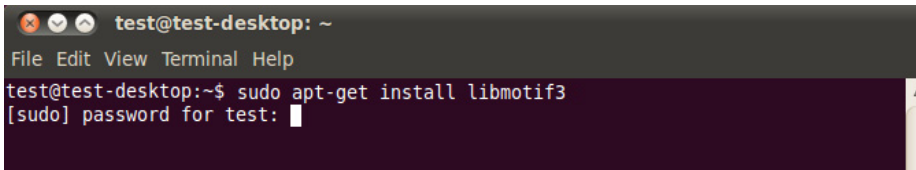
```
CLIENT_EXEC="/usr/lib/ICAClient/wfcmgr"  
ldd ${CLIENT_EXEC}
```



If **libXm.so.4** is missing perform the following instructions, otherwise, open up <https://myapps.utsa.edu> in Firefox and login to the system using your UTSA network credentials.

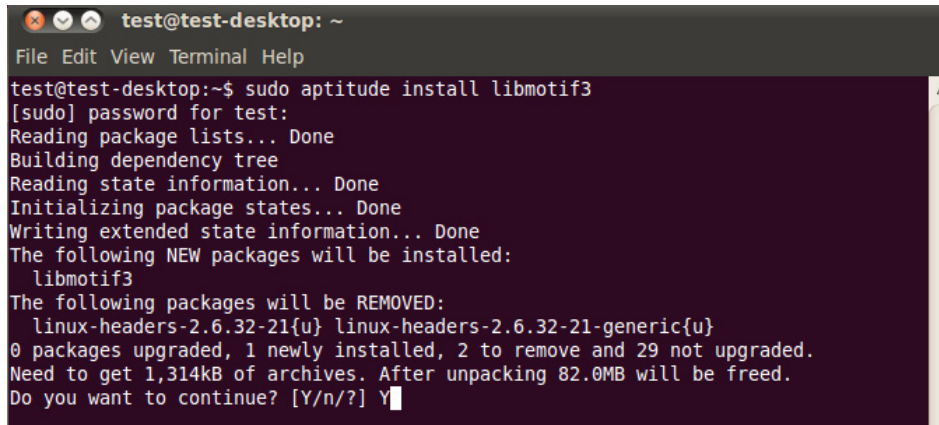
8. Enter in the following command line :

```
sudo apt-get install libmotif3
```



```
test@test-desktop: ~  
File Edit View Terminal Help  
test@test-desktop:~$ sudo apt-get install libmotif3  
[sudo] password for test: █
```

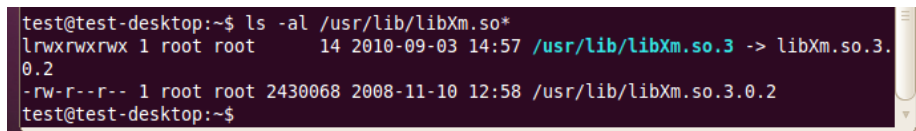
9. Enter in the Administrator privileged account password and enter in 'Y' to begin the install of libmotif3



```
test@test-desktop: ~  
File Edit View Terminal Help  
test@test-desktop:~$ sudo aptitude install libmotif3  
[sudo] password for test:  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
Initializing package states... Done  
Writing extended state information... Done  
The following NEW packages will be installed:  
  libmotif3  
The following packages will be REMOVED:  
  linux-headers-2.6.32-21{u} linux-headers-2.6.32-21-generic{u}  
0 packages upgraded, 1 newly installed, 2 to remove and 29 not upgraded.  
Need to get 1,314kB of archives. After unpacking 82.0MB will be freed.  
Do you want to continue? [Y/n/?] Y█
```

10. Enter in the following command line :

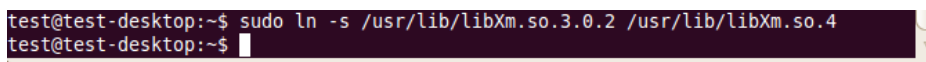
```
ls -al /usr/lib/libXm.so*
```



```
test@test-desktop:~$ ls -al /usr/lib/libXm.so*  
lrwxrwxrwx 1 root root 14 2010-09-03 14:57 /usr/lib/libXm.so.3 -> libXm.so.3.  
0.2  
-rw-r--r-- 1 root root 2430068 2008-11-10 12:58 /usr/lib/libXm.so.3.0.2  
test@test-desktop:~$
```

If the latest version is libXm.so.3.0.2 then enter in the following command line:

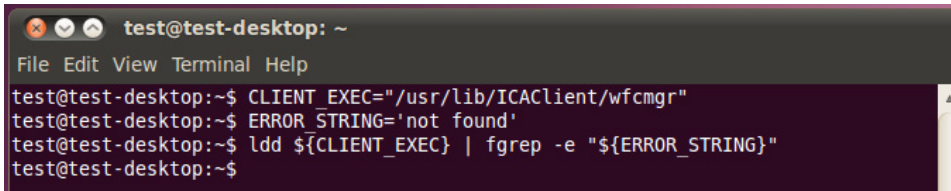
```
sudo ln -s /usr/lib/libXm.so.3.0.2 /usr/lib/libXm.so.4
```



```
test@test-desktop:~$ sudo ln -s /usr/lib/libXm.so.3.0.2 /usr/lib/libXm.so.4  
test@test-desktop:~$ █
```

Enter in the following command line:

```
CLIENT_EXEC="/usr/lib/ICAClient/wfcmgr"  
ERROR_STRING='not found'  
ldd ${CLIENT_EXEC} | fgrep -e "${ERROR_STRING}"
```

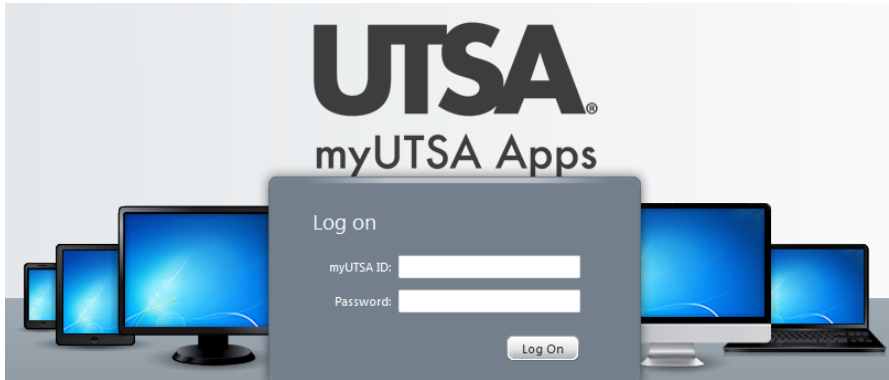
A screenshot of a terminal window titled "test@test-desktop: ~". The window has a menu bar with "File", "Edit", "View", "Terminal", and "Help". The terminal shows the following commands and their outputs:

```
test@test-desktop:~$ CLIENT_EXEC="/usr/lib/ICAClient/wfcmgr"  
test@test-desktop:~$ ERROR_STRING='not found'  
test@test-desktop:~$ ldd ${CLIENT_EXEC} | fgrep -e "${ERROR_STRING}"  
test@test-desktop:~$
```

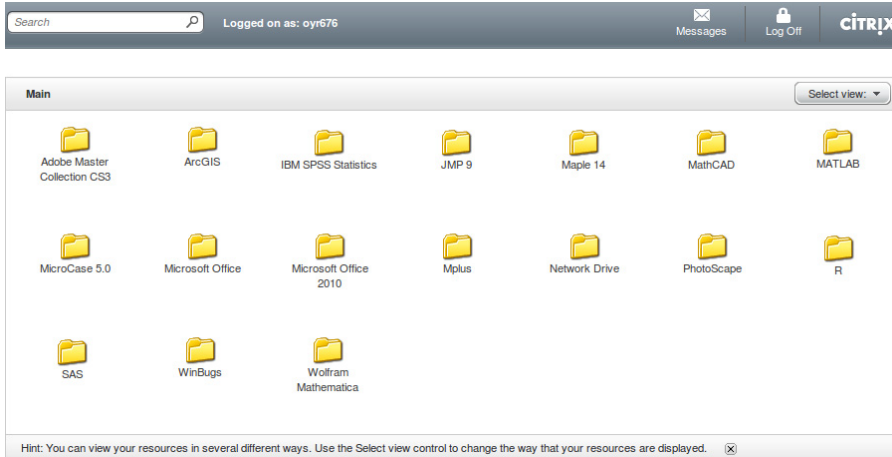
11. Close the terminal window by typing 'exit'

Logging into myUTSA Apps on Ubuntu

1. Open up Firefox and browse to <https://myApps.utsa.edu> and login with your myUTSA network credentials (abc123)



2. Click on the application folder you want to launch, e.g. Microsoft Office

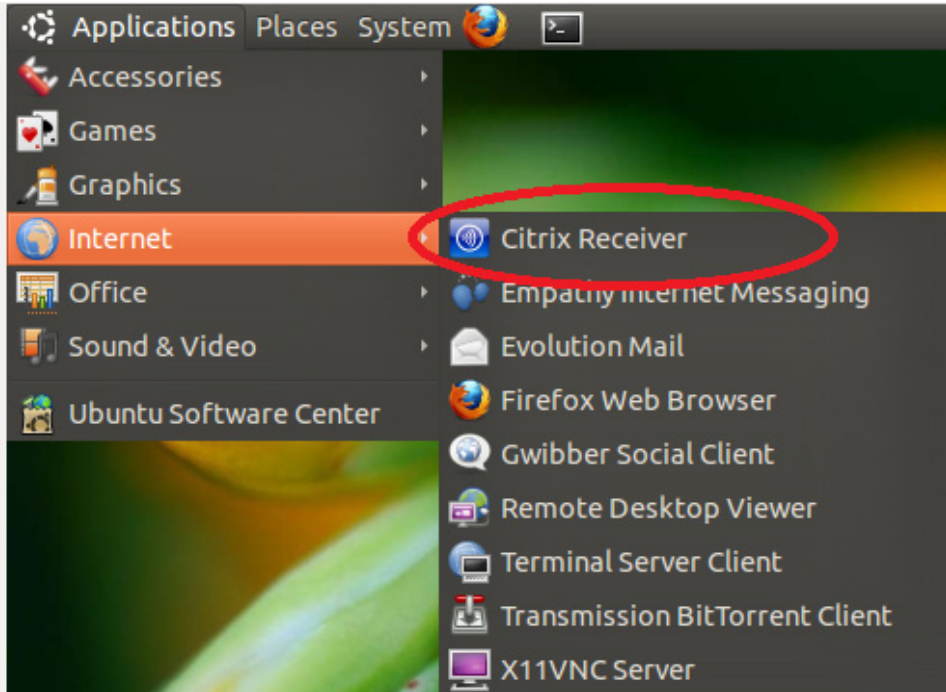


3. The Citrix receiver windows will appear and the requested application will be loaded

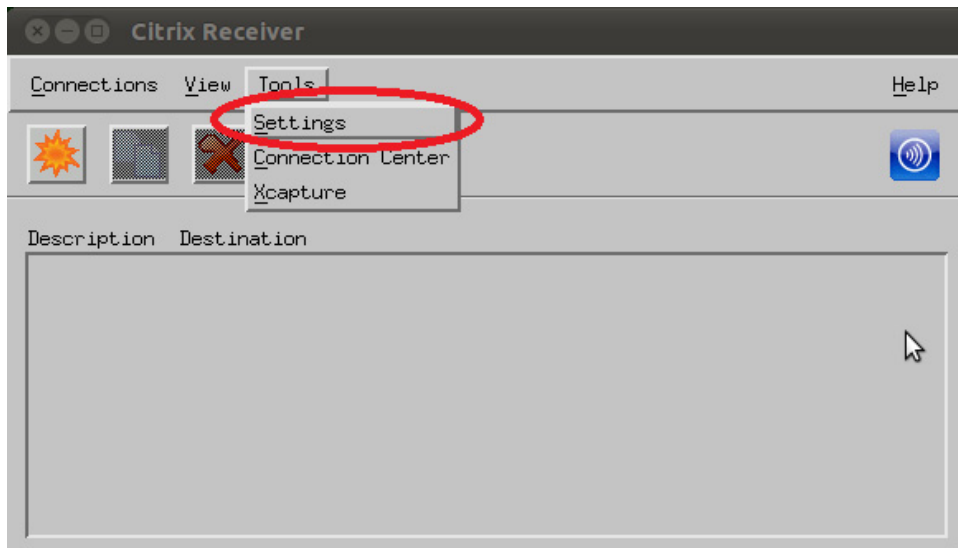


Configuring the Receiver to allow access to local storage

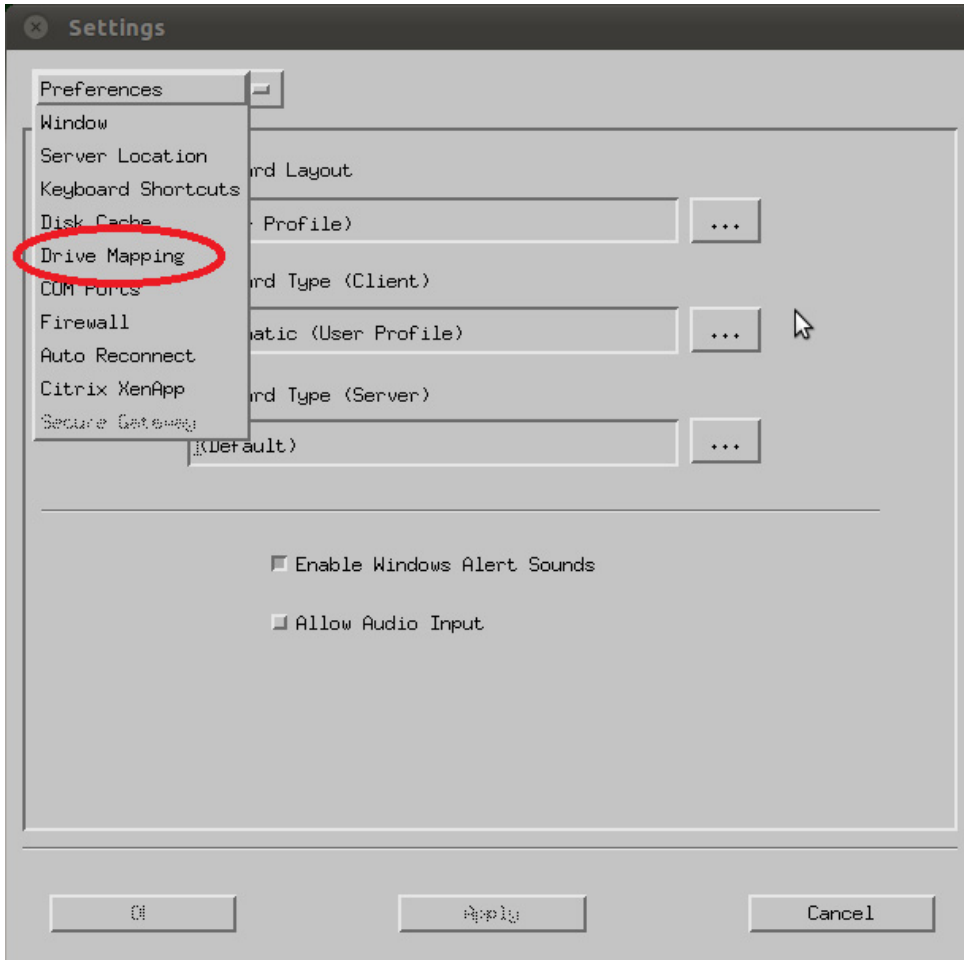
- Open the Citrix Receiver Application



- Select Tools/Settings



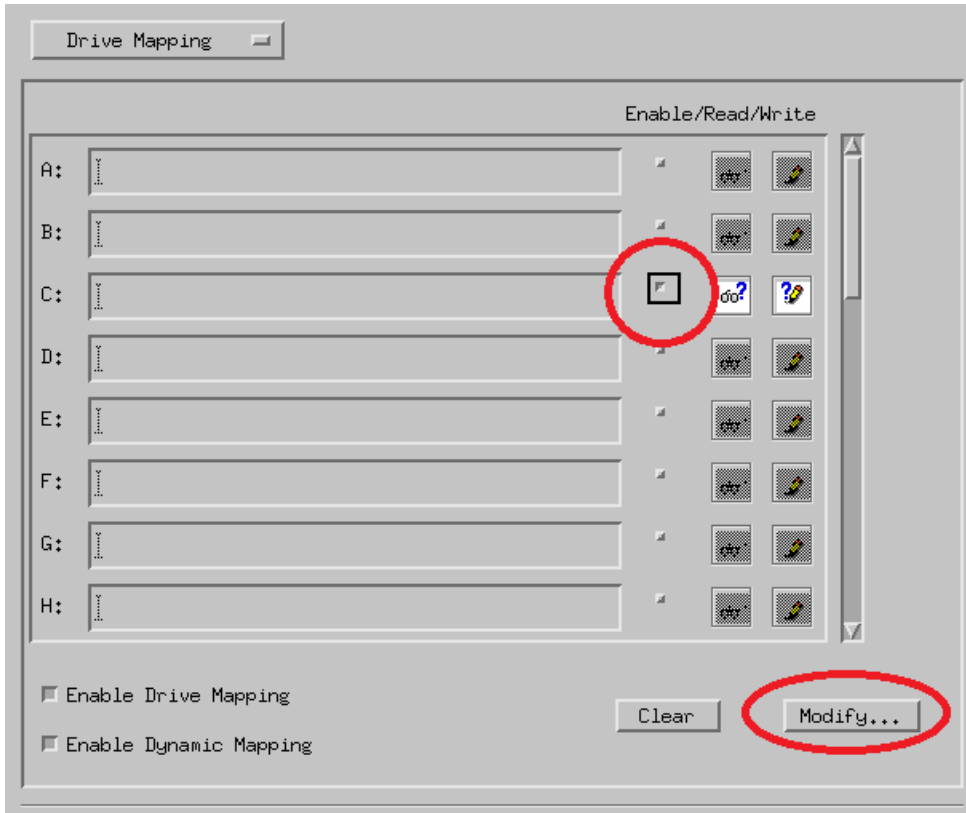
- Select 'Preferences' and 'Drive Mapping'



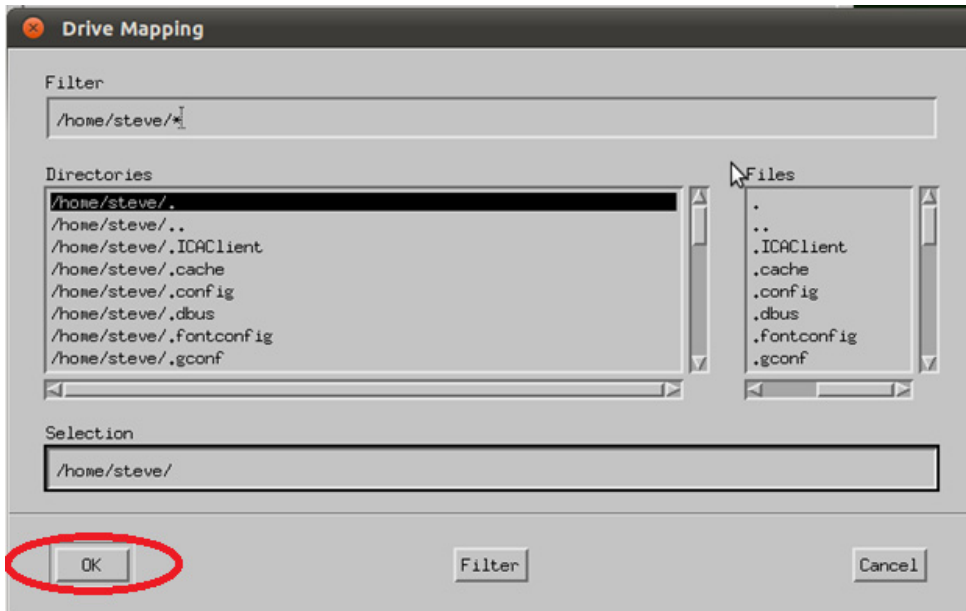
- Click the radio buttons to 'Enable Drive Mapping' and 'Enable Dynamic Mapping'



- Select the Drive letter you want to use to reference in a MyApps application, Select the Enable Radio Button and select modify, in this example C: is being used.

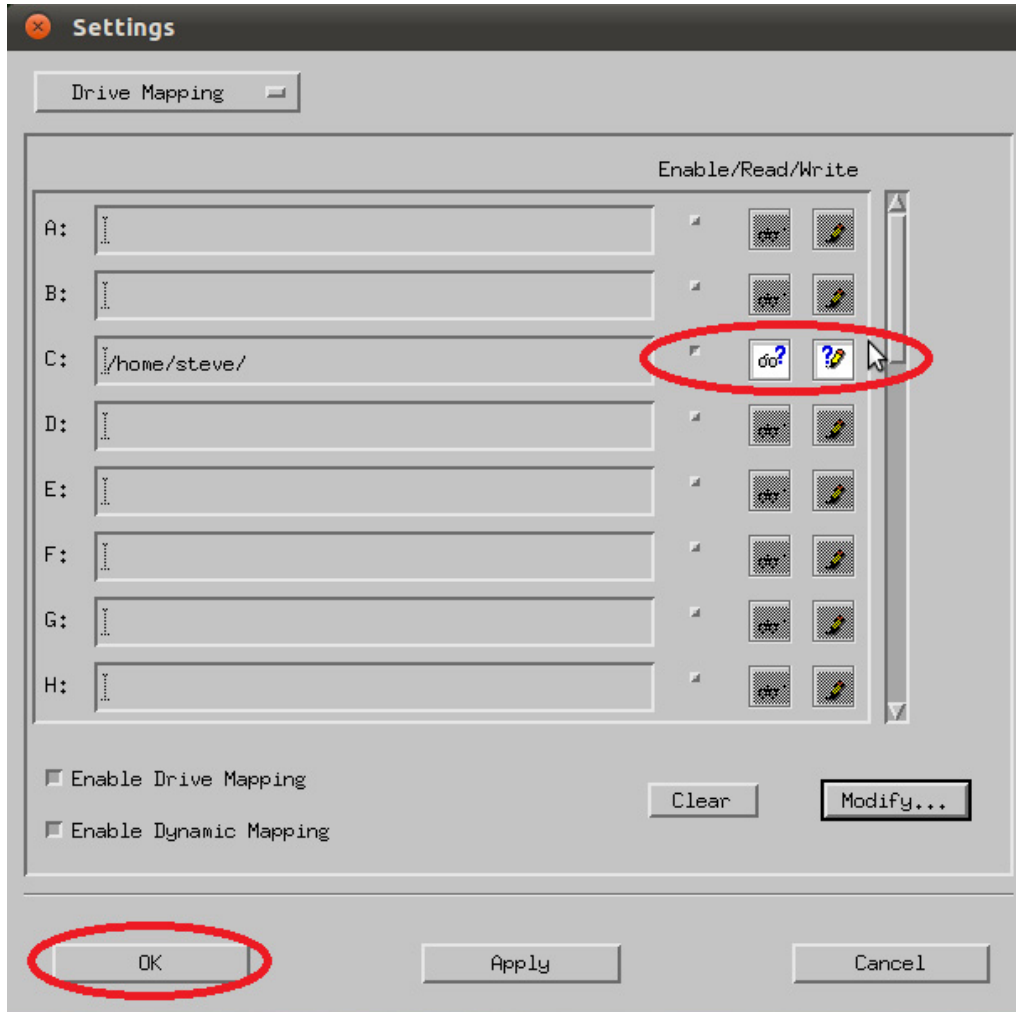


- From the Drive mapping screen browse to the folder in Ubuntu you want to be able to access from within a myApps hosted application and select OK



- Select the permissions you want to grant for a myApps hosted application to the folder selected from the following options and combinations of, repeating left mouse clicks to cycle through the options, and select OK

- o Always permit Read / Always permit write :
- o Always ask Read / Always ask write :
- o Always Deny Read / Allow write :



Repeat the drive mapping steps, selecting different drive letters for any additional folders Ubuntu folders you wish to become usable from within myApps hosted applications.

- Login to <https://myApps.utsa.edu> and launch a hosted application, you will see the drive mapped folder appear as Local Disk (C: on WI_<RANDOM STRING>)



- If the Read option was set to ask for permission you will be presented with a confirmation dialogue box to confirm/deny the action

