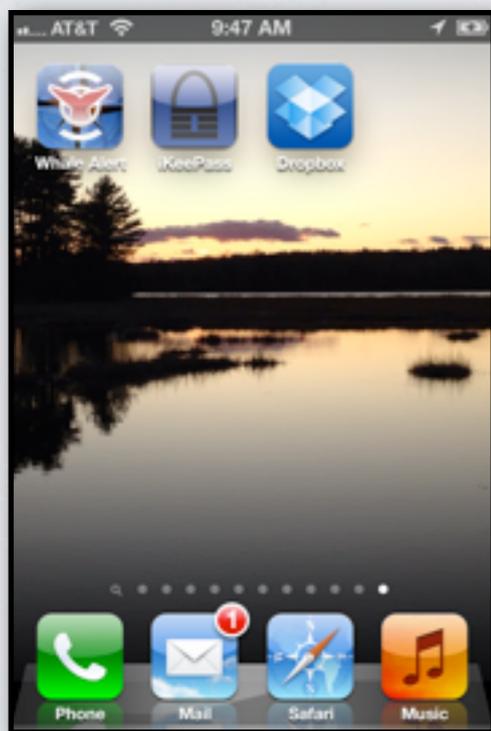


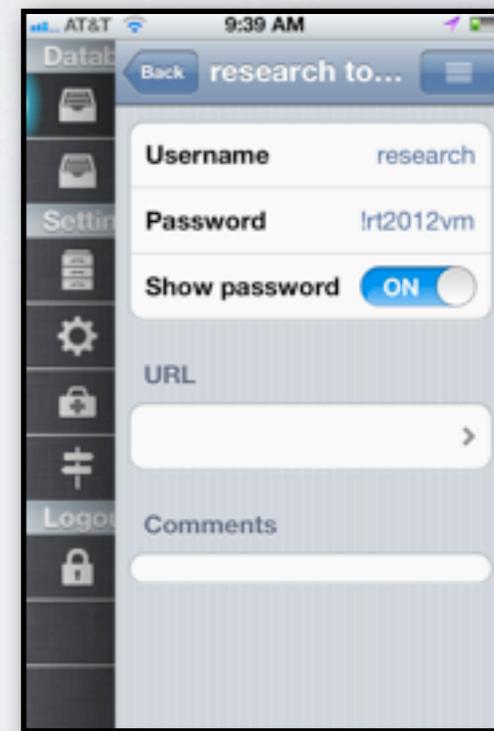
RESEARCH TOOLS 2011

LECTURE 06



2011-Sep-15
Kurt Schwehr
<http://schwehr.org>

UNH CCOM/JHC
KeePassX and Dropbox



Update Manager

 **Software updates are available for this computer**
If you don't want to install them now, choose "Update Manager" from the Administration menu later.

New Ubuntu release '11.10' is available Upgrade

Important security updates

- Safe and easy web browser from Mozilla
firefox (Size: 14.0 MB)
- Unity appmenu integration for Firefox
firefox-globalmenu (Size: 50 KB)
- Safe and easy web browser from Mozilla - GNOME support
firefox-gnome-support (Size: 14 KB)
- English language pack for Firefox
firefox-locale-en (Size: 375 KB)

Recommended updates

- typelib file for libdbusmenu-glib3
gir1.2-dbusmenu-glib-0.4 (Size: 6 KB)

Unknown download size.

Check Install Updates

► Description of update

Settings... Close

Research Tools VM

Search Link  Text

[Research Tools VM](#)

username: researchtools
password: !rt2011vm

Periodically, Ubuntu will ask you to update. It is a very good idea to update!

Update Manager

Software updates are available for this computer
If you don't want to install them now, choose "Update Manager" from the Administration menu later.

New Ubuntu release '11.10' is available Upgrade

Important security updates

- Safe and easy web browser from Mozilla
firefox (Size: 14.0 MB)
- Unity app menu integration for Firefox
firefox-globalme
- Safe and easy web browser from Mozilla
firefox-gnome-s
- English language pack for Firefox
firefox-locales-en

Recommended updates

- typelib file for gir1.2-dbusmen

Unknown downloads

▶ Description of updates

Settings... Close

Authenticate

 **To install updated software, you need to authenticate.**

An application is attempting to perform an action that requires privileges. Authentication as one of the users below is required to perform this action.

Password:

▶ Details

Cancel Authenticate

Research Tools VM

Search Link

Research Tools VM

username: researchtools
password: !rt2011vm

Update Manager

Software updates are available for this computer
If you don't want to install them now, choose "Update Manager" from the Administration menu later.

New Ubuntu release '11.10' is available Upgrade

Important security updates

- Safe and easy web browser from Mozilla
firefox
- Unit
firefox
- Safe
firefox
- Engl
firefox
- Rec
- type
gir1.2-dbusmenu-glib-0.4 (Size: 6 KB)

Unknown download size.

Check Install Updates

▶ Description of update

Settings... Close

Applying changes

 **Applying changes**

Downloaded 384 kB of 17.7 MB

Downloading firefox

▶ Details

Cancel

Research Tools VM

Search Link  Text

Research Tools VM

username: researchtools
password: !rt2011vm

Update Manager

Software updates are available for this computer
If you don't want to install them now, choose "Update Manager" from the Administration menu later.

New Ubuntu release '11.10' is available Upgrade

Important security updates

- Safe and easy web browser from Mozilla
firefox
- Unit
- Safe
- Engl
- Red
- type
- gir1.2
- Unkno

Applying changes

Downloaded 1,464 kB of 17.7 MB at 162 kB/s
Downloading firefox

Details

- 100% Downloaded 52.0 kB
- 8% firefox Downloaded 1,341 kB of 16.5 MB

Cancel

Check Install Updates

▶ Description of update

Settings... Close

Research Tools VM

Search Link **Text**

[Research Tools VM](#)

username: researchtools
password: !rt2011vm

Update Manager

 **Software updates are available for this computer**
If you don't want to install them now, choose "Update Manager" from the Administration menu later.

New Ubuntu release '11.10' is available Upgrade

Important security updates

<input checked="" type="checkbox"/>	Advanced Configuration and Power Interface event daemon acpid (Size: 32 KB)
<input checked="" type="checkbox"/>	User-space parser utility for AppArmor apparmor (Size: 319 KB)
<input checked="" type="checkbox"/>	Utilities for controlling AppArmor apparmor-utils (Size: 101 KB)
<input checked="" type="checkbox"/>	Advanced front-end for dpkg apt (Size: 2.0 MB)
<input checked="" type="checkbox"/>	APT https transport apt-transport-https (Size: 18 KB)
<input checked="" type="checkbox"/>	APT utility programs apt-utils (Size: 216 KB)

214 updates have been selected. 222.0 MB will be downloaded.

Check Install Updates

▶ Description of update

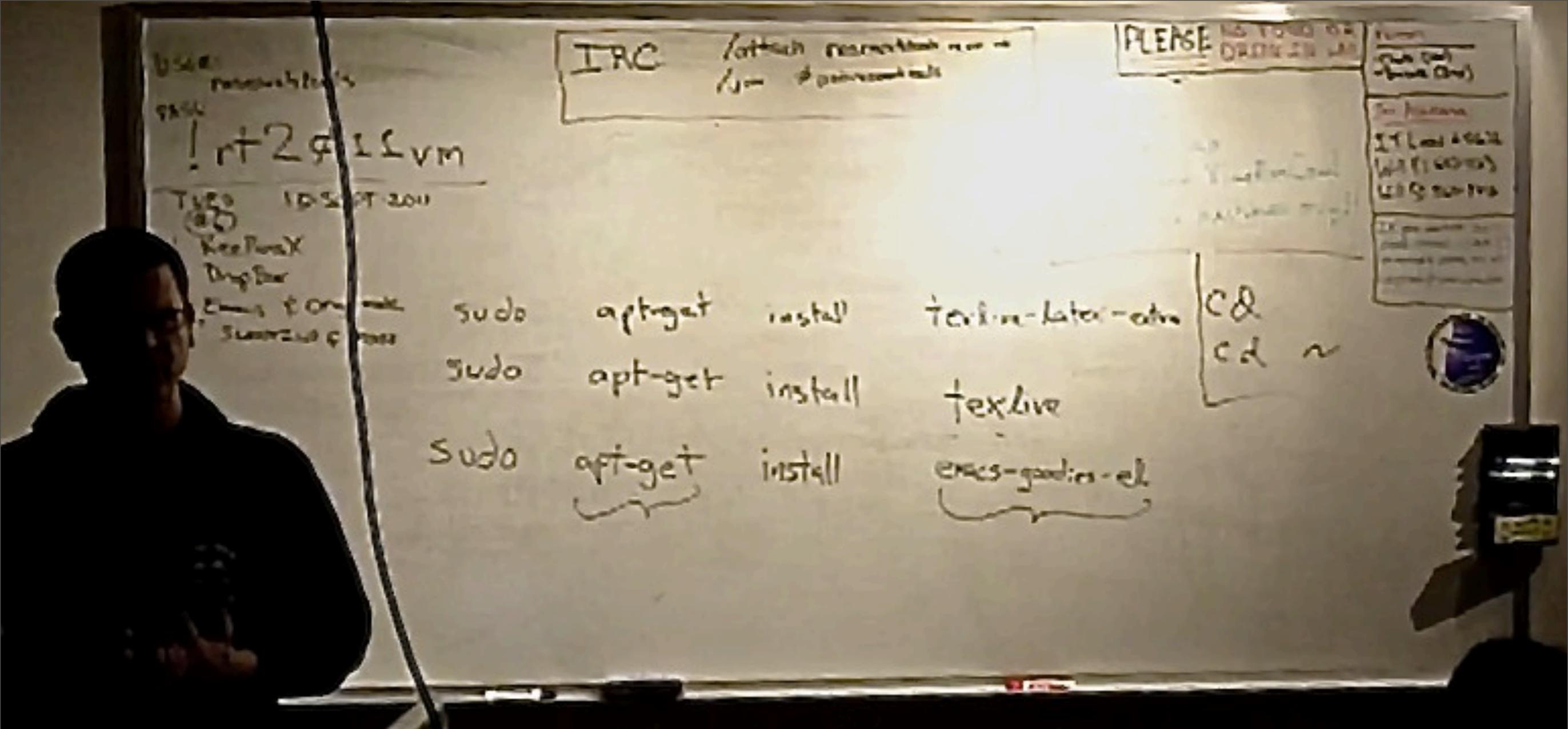
Settings... Close

Research Tools VM

Search Link  Text

[Research Tools VM](#)

username: researchtools
password: !rt2011vm



IRC:

```
/attach irc.freenode.net  
/join #unhresearchtools
```

INSTALL:

```
sudo apt-get install texlive-latex-extra  
sudo apt-get install texlive  
sudo apt-get install emacs-goodies-el
```

Class 6: KeePassX and Cloud storage with DropBox (DRAFT)

Table of Contents

- [Introduction](#)
- [Managing passwords with KeePassX](#)
 - [Setup KeyPassX](#)
 - [Unique passwords for each account](#)
 - [Make sure to save](#)
- [Setting up drop box](#)
 - [Limitations of dropbox](#)
 - [Security warning for cloud storage](#)
 - [Creating an account](#)
 - [Installing Drop Box](#)
 - [Getting dropbox via a web browser](#)
 - [run the installer](#)
- [Finish up](#)
- [Risks of the Cloud](#)

Introduction

Today we will

Managing passwords with KeePassX `keepassx passwords`

[KeyPassX](#) is a cross platform password manager that encrypts the data before saving it to disk. You can download a Windows or Mac version of the software [here](#). The software is already installed in your Linux virtual machine.

There are other alternatives to KeyPassX, such as [1Password](#). They do not support linux, but give you a web version:

Research Tools VM

Search Link `abc` Text

[Research Tools VM](#)

username: `researchtools`
password: `!rt2011vm`

```
researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~$ sudo apt-get install texlive-latex-extras
```

Google [search icon] [home icon]

[UP | HOME](#)

th DropBox

- [Finish up](#)
- [Risks of the Cloud](#)

Introduction

Today we will

Managing passwords with KeePassX keepassx passwords

[KeyPassX](#) is a cross platform password manager that encrypts the data before saving it to disk. You can download a Windows or Mac version of the software [here](#). The software is already installed in your Linux virtual machine.

There are other alternatives to KeyPassX, such as [1Password](#). They do not support linux, but give you a web version:

```

researchtools@ubuntu:~$ sudo apt-get install texlive-latex-extra
[sudo] password for researchtools:
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
 lacheck latex-beamer latex-xcolor lmodern luatex pgf preview-latex-style
 prosper ps2eps tex-common texlive-base texlive-binaries texlive-common
 texlive-doc-base texlive-extra-utils texlive-font-utils
 texlive-generic-recommended texlive-latex-base texlive-latex-base-doc
 texlive-latex-extra-doc texlive-latex-recommended
 texlive-latex-recommended-doc texlive-luatex texlive-pictures
 texlive-pictures-doc texlive-pstricks texlive-pstricks-doc
Suggested packages:
 auctex perl-tk dvidvi fragmaster latexmk purifyeps xindy tlutils texpower
The following NEW packages will be installed:
 lacheck latex-beamer latex-xcolor lmodern luatex pgf preview-latex-style
 prosper ps2eps tex-common texlive-base texlive-binaries texlive-common
 texlive-doc-base texlive-extra-utils texlive-font-utils
 texlive-generic-recommended texlive-latex-base texlive-latex-base-doc
 texlive-latex-extra texlive-latex-extra-doc texlive-latex-recommended
 texlive-latex-recommended-doc texlive-luatex texlive-pictures
 texlive-pictures-doc texlive-pstricks texlive-pstricks-doc
0 upgraded, 28 newly installed, 0 to remove and 220 not upgraded.
Need to get 411 MB of archives.
After this operation, 666 MB of additional disk space will be used.
Do you want to continue [Y/n]? y

```

UP | HOME

th DropBox

Research Tools VM

Search Link [a,b] Text

[Research Tools VM](#)

username: researchtools
password: !rt2011vm

Today we will

Managing passwords with KeePassX keepassx passwords

[KeyPassX](#) is a cross platform password manager that encrypts the data before saving it to disk. You can download a Windows or Mac version of the software [here](#). The software is already installed in your Linux virtual machine.

There are other alternatives to KeyPassX, such as [1Password](#). They do not support linux, but give you a web version:

```

Processing triggers for tex-common ...
/usr/sbin/update-language-def: line 779: printf: missing unicode digit for \u
Running mktexlsr. This may take some time... done.
Running updmap-sys. This may take some time... done.
Running mktexlsr /var/lib/texmf ... done.
Setting up prosper (1.00.4+cvs.2007.05.01-4) ...
/usr/sbin/update-language-def: line 779: printf: missing unicode digit for \u
Running mktexlsr. This may take some time... done.
Setting up latex-xcolor (2.11-1) ...
mktexlsr: Updating /usr/local/share/texmf/ls-R...
mktexlsr: Updating /var/lib/texmf/ls-R-TEXMFMAIN...
mktexlsr: Updating /var/lib/texmf/ls-R-TEXLIVE...
mktexlsr: Updating /var/lib/texmf/ls-R...
mktexlsr: Done.
Setting up pgf (2.00-1) ...
mktexlsr: Updating /usr/local/share/texmf/ls-R...
mktexlsr: Updating /var/lib/texmf/ls-R-TEXMFMAIN...
mktexlsr: Updating /var/lib/texmf/ls-R-TEXLIVE...
mktexlsr: Updating /var/lib/texmf/ls-R...
mktexlsr: Done.
Setting up latex-beamer (3.07-2ubuntu1) ...
mktexlsr: Updating /usr/local/share/texmf/ls-R...
mktexlsr: Updating /var/lib/texmf/ls-R-TEXMFMAIN...
mktexlsr: Updating /var/lib/texmf/ls-R-TEXLIVE...
mktexlsr: Updating /var/lib/texmf/ls-R...
mktexlsr: Done.
researchtools@ubuntu:~$

```

Google [search bar]

UP HOME

th DropBox

Research Tools VM

Search Link [a b] Text

[Research Tools VM](#)

username: researchtools
password: !rt2011vm

Today we will

Managing passwords with KeePassX keepassx passwords

[KeyPassX](#) is a cross platform password manager that encrypts the data before saving it to disk. You can download a Windows or Mac version of the software [here](#). The software is already installed in your Linux virtual machine.

There are other alternatives to KeyPassX, such as [1Password](#). They do not support linux, but give you a web version:

```

mktexlsr: Done.
Setting up pgf (2.00-1) ...
mktexlsr: Updating /usr/local/share/texmf/ls-R...
mktexlsr: Updating /var/lib/texmf/ls-R-TEXMFMAIN...
mktexlsr: Updating /var/lib/texmf/ls-R-TEXLIVE...
mktexlsr: Updating /var/lib/texmf/ls-R...
mktexlsr: Done.
Setting up latex-beamer (3.07-2ubuntu1) ...
mktexlsr: Updating /usr/local/share/texmf/ls-R...
mktexlsr: Updating /var/lib/texmf/ls-R-TEXMFMAIN...
mktexlsr: Updating /var/lib/texmf/ls-R-TEXLIVE...
mktexlsr: Updating /var/lib/texmf/ls-R...
mktexlsr: Done.
researchtools@ubuntu:~$ sudo apt-get install texlive
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
  texlive-fonts-recommended texlive-fonts-recommended-doc tipa
Suggested packages:
  texlive-doc-en
The following NEW packages will be installed:
  texlive texlive-fonts-recommended texlive-fonts-recommended-doc tipa
0 upgraded, 4 newly installed, 0 to remove and 220 not upgraded.
Need to get 12.8 MB of archives.
After this operation, 31.9 MB of additional disk space will be used.
Do you want to continue [Y/n]? y

```

Google

UP HOME

th DropBox

Research Tools VM

Search Link Text

[Research Tools VM](#)

username: researchtools
password: !rt2011vm

Today we will

Managing passwords with KeePassX keepassx passwords

[KeyPassX](#) is a cross platform password manager that encrypts the data before saving it to disk. You can download a Windows or Mac version of the software [here](#). The software is already installed in your Linux virtual machine.

There are other alternatives to KeyPassX, such as [1Password](#). They do not support linux, but give you a web version:

```

researchtools@ubuntu:~$ sudo apt-get install emacs-goodies-el
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
 dict gawk libmaa2 librecode0 perl-doc recode
Suggested packages:
 dictd dict-server
The following NEW packages will be installed:
 dict emacs-goodies-el gawk libmaa2 librecode0 perl-doc recode
0 upgraded, 7 newly installed, 0 to remove and 220 not upgraded.
Need to get 9,371 kB of archives.
After this operation, 21.7 MB of additional disk space will be used.
Do you want to continue [Y/n]? y
Get:1 http://us.archive.ubuntu.com/ubuntu/ natty/main gawk i386 1:3.1.7.dfsg-5 [
530 kB]
Get:2 http://us.archive.ubuntu.com/ubuntu/ natty/main libmaa2 i386 1.2.0-1 [60.1
kB]
Get:3 http://us.archive.ubuntu.com/ubuntu/ natty/main librecode0 i386 3.6-17 [70
2 kB]
Get:4 http://us.archive.ubuntu.com/ubuntu/ natty/main recode i386 3.6-17 [122 kB
]
Get:5 http://us.archive.ubuntu.com/ubuntu/ natty/main dict i386 1.11.2+dfsg-3 [4
5.2 kB]
Get:6 http://us.archive.ubuntu.com/ubuntu/ natty/main emacs-goodies-el all 34.1u
buntu1 [798 kB]
15% [6 emacs-goodies-el 0 B/798 kB 0%]

```

th DropBox

Research Tools VM

Search Link Text

[Research Tools VM](#)

username: researchtools
password: !rt2011vm

Today we will

Managing passwords with KeePassX [keepassx passwords](#)

[KeyPassX](#) is a cross platform password manager that encrypts the data before saving it to disk. You can download a Windows or Mac version of the software [here](#). The software is already installed in your Linux virtual machine.

There are other alternatives to KeyPassX, such as [1Password](#). They do not support linux, but give you a web version:

```
researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~$ apt-cache search python | less
```

Research Tools VM

Search Link Text

[Research Tools VM](#)

username: researchtools
 password: !rt2011vm

```

kig - interactive geometry tool for KDE
krosspython - Python module for Kross
libdbus-1-3 - simple interprocess messaging system
libntrack0 - lightweight connectivity tracking library
libpython3.1 - Shared Python runtime library (version 3.1)
libpython3.2 - Shared Python runtime library (version 3.2)
libxml2-dbg - Debugging symbols for the GNOME XML library
plasma-scriptengine-python - Python script engine for Plasma
python - interactive high-level object-oriented language (default version)
python-all - package depending on all supported Python runtime versions
python-all-dbg - package depending on all supported Python debugging packages
python-all-dev - package depending on all supported Python development packages
python-apport - apport crash report handling library
python-apt - Python interface to libapt-pkg
python-apt-common - Python interface to libapt-pkg (locales)
python-apt-dbg - Python interface to libapt-pkg (debug extension)
python-apt-dev - Python interface to libapt-pkg (development files)
python-apt-doc - Python interface to libapt-pkg (API documentation)
python-aptdaemon - Python module for the server and client of aptdaemon
python-aptdaemon-gtk - Transitional dummy package
python-aptdaemon.gtk3widgets - Python GTK+ 3 widgets to run an aptdaemon client
:

```

Research Tools VM

Search Link Text

[Research Tools VM](#)

username: researchtools
password: !rt2011vm

```
researchtools@ubuntu: ~  
File Edit View Search Terminal Help  
researchtools@ubuntu:~$ apt-cache search python | less  
researchtools@ubuntu:~$ apt-cache search python | wc -l  
2310  
researchtools@ubuntu:~$
```

```
researchtools@ubuntu:~$ apt-cac
researchtools@ubuntu:~$ apt-cac
2310
researchtools@ubuntu:~$ apt-cac
keepassx - Cross Platform Passw
researchtools@ubuntu:~$
```

Managing passwords with KeePassX keepassx passwords

[KeyPassX](#) is a cross platform password manager that encrypts the data before saving it to disk. You can download a Windows or Mac version of the software [here](#). The software is already installed in your Linux virtual machine.

There are other alternatives to KeyPassX, such as [1Password](#). They do not support linux, but give you a web version: [1Password Support For Linux](#). KeyPassX is not available on the iPhone/iPad/Android devices, so if you have the Money, you might consider a tool like 1Password.

Setup KeyPassX

First add a quick link to the Panel across the top of Ubuntu. Right click on the gray bar at the top of the display and select "Add to Panel...". Double click "Application Launcher..." (the 2nd item from the top). Click the small arrow to the left of "Accessories", select KeePassX, and "Add". You can now close the "Add to Panel" tool.

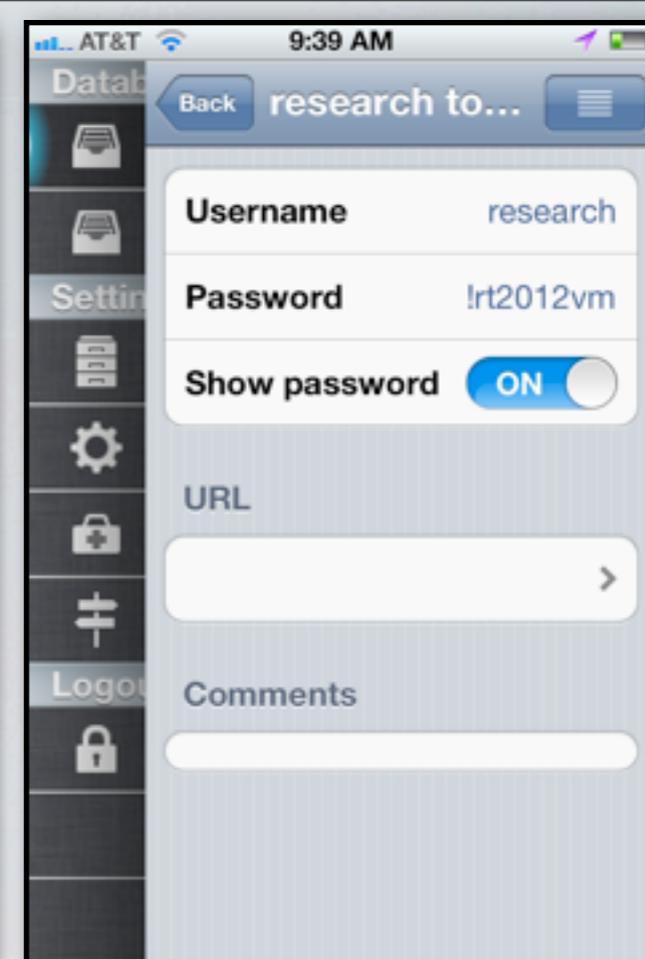
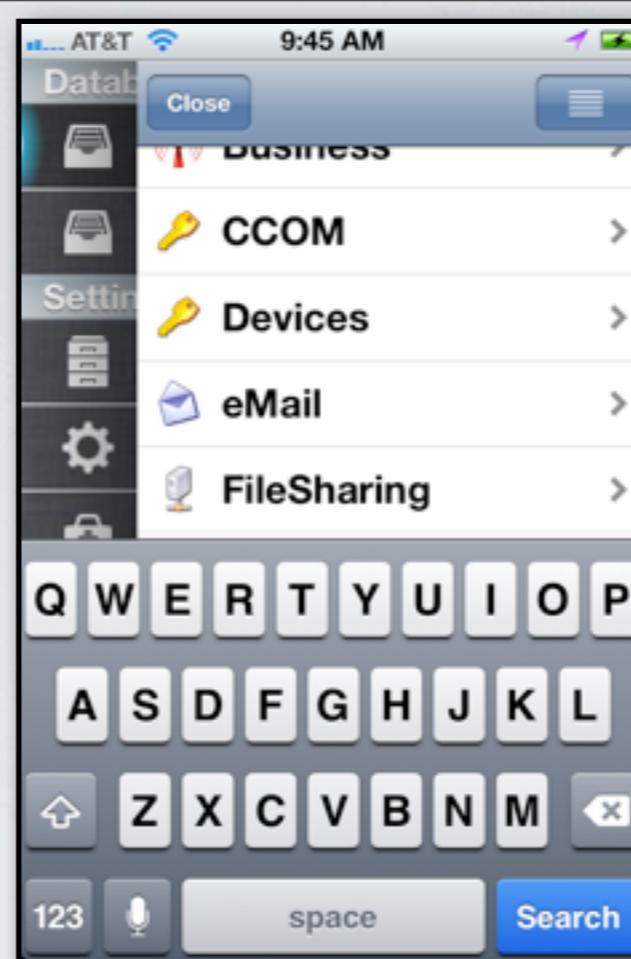
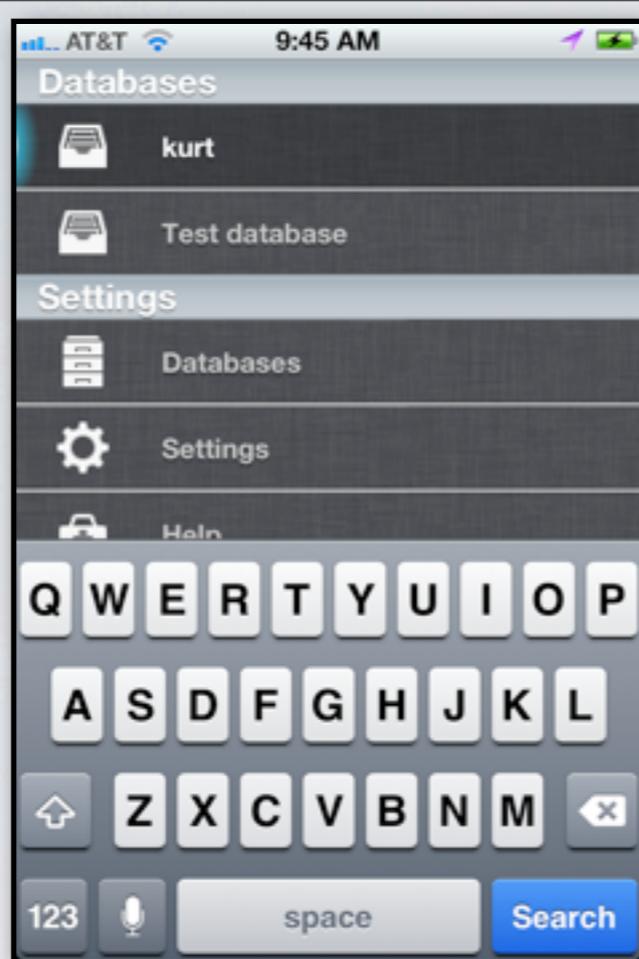
Start KeePassX. Select "File" -> "New Database". You now need to create a "Master Key". This is the one password that will give you access to all the other passwords. If you forget this password, you will loose all your passwords!!!!

Save the KeePassX database! I named mine with my name. Later we will move this file to your DropBox file to share it with other computers that you use, but for now, put it in your home directory.

The program lets you organize passwords into groups. I have a number of passwords associated with CCOM systems and you do too. Let's create a group called "CCOM". "Groups" -> "Add New Group...". For title, put "CCOM". You can pick what ever icon you wish.

Select the CCOM group.

You can now create password entries for web pages, computers, and other software. I also often put license



KeePassX is now on the iPhone / iPad / Android.
<http://keepass.info/download.html>

Contributed/Unofficial KeePass Ports

Icon	Port Name	Platform / Notes
	KeePassPPC & KeePassSD	(for PocketPC & Smart Devices; 1.x & 2.x)
	7Pass	(for Windows Phone 7)
	MiniKeePass	(for iPhone/iPad)
	iKeePass	(for iPhone/iPad)
	MyKeePass	(for iPhone/iPad)
	KyPass	(for iPhone/iPad)
	KeePassDroid	(for Android; at Google Play)
	KeePassMobile	(for J2ME / mobile phones)
	KeePassJ2ME	(for J2ME / mobile phones)
	KeePassBB	(for BlackBerry; compat. with KeePass 1.x)
	KeePassBB2	(for BlackBerry; compat. with KeePass 2.x)
	Export to Keyring	(for Palm OS)
	KeePassX	(for Linux / Mac OS X; compat. with KeePass 1.x)

Note that KeePass 2.x runs under Linux / Mac OS X, too; see [Running KeePass under Mono](#).

```

researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~$ apt-cache search keepassx
researchtools@ubuntu:~$ apt-cache search keepassx
2310
researchtools@ubuntu:~$ apt-cache search keepassx
keepassx - Cross Platform Password Manager
researchtools@ubuntu:~$

```

- Add to Panel...
- Properties
- Delete This Panel
- New Panel
- Help
- About Panels

```

n | less
n | wc -l
ssx

```

Google

You can download a virtual machine.

give you a web version:

so if you have the Money,

top of the display and select the small arrow to the left of

This is the one password that your passwords!!!!

our DropBox file to share it

The program lets you organize passwords into groups. I have a number of passwords associated with CCOM systems and you do too. Let's create a group called "CCOM". "Groups" -> "Add New Group...". For title, put "CCOM". You can pick what ever icon you wish.

Select the CCOM group.

You can now create password entries for web pages, computers, and other software. I also often put license keys for software in as entries. "Entries" -> "Add New Entry"

Now create an entry for the virtual machine:

Field	Value
Title	Virtual Machine, Research Tools 2011

```

researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~$ apt-cache search python | less
researchtools@ubuntu:~$ apt-cache search python | wc -l
2310
researchtools@ubuntu:~$ apt-cache search keepassx
keepassx - Cross Platform Password Manager
researchtools@ubuntu:~$ █

```

Add to Panel

Find an item to add to the panel:

- Custom Application Launcher**
Create a new launcher
- Application Launcher...**
Copy a launcher from the applications menu
- Brightness Applet**
Adjusts Laptop panel brightness
- Character Palette**
Insert characters
- Clock**
Get the current time and date
- Connect to Server...**
Connect to a remote computer or shared disk
- CPU Frequency Scaling Monitor**
Monitor the CPU Frequency Scaling
- Disk Mounter**
Mount local disks and devices
- Drawer**
A pop out drawer to store other items in

Buttons: Help, Back, Forward, Close

Google

You can download a virtual machine.

you a web version: if you have the Money,

of the display and select small arrow to the left of

is the one password that passwords!!!!

ropBox file to share it

with CCOM systems and "CCOM". You can pick

The prog
you do t
what eve

Select th

You can now create password entries for web pages, computers, and other software. I also often put license keys for software in as entries. "Entries" -> "Add New Entry"

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Field	Value
Title	Virtual Machine, Research Tools 2011

```

researchtools@ubuntu:~$ apt-cache search python | less
researchtools@ubuntu:~$ apt-cache search python | wc -l
2310
researchtools@ubuntu:~$ apt-cache search keepassx
keepassx - Cross Platform Password Manager
researchtools@ubuntu:~$

```

Add to Panel

Find an item to add to the panel:

- Accessories**
Desktop accessories
- Calculator**
Perform arithmetic, scientific or financial calculations
- Character Map**
Insert special characters into documents
- Disk Usage Analyzer**
Check folder sizes and available disk space
- GNU Emacs 23**
View and edit files
- Help**
Get help with Ubuntu
- KeePassX**
Cross Platform Password Manager
- Search for Files...**
Locate documents and folders on this computer by name or content
- Take Screenshot**
Save images of your desktop or individual windows

Buttons: Help, Back, Add, Close

The prog
you do t
what eve

Select th

You can now create password entries for web pages, computers, and other software. I also often put license keys for software in as entries. "Entries" -> "Add New Entry"

Now create an entry for the virtual machine:

Field	Value
Title	Virtual Machine, Research Tools 2011

you can download a
ual machine.

you a web version:
if you have the Money,

of the display and select
small arrow to the left of

is the one password that
passwords!!!!

ropBox file to share it

with CCOM systems and
t "CCOM". You can pick

```
researchtools@ubuntu:~$ apt-get install keepassx
researchtools@ubuntu:~$ apt-get install keepassx
2310
```

```
researchtools@ubuntu:~$ apt-get install keepassx
keepassx - Cross Platform Password Manager
researchtools@ubuntu:~$
```

```
11
12 Plus, not all of these packages are in the vm-20110908 virtual machine.
13
14 * TODO not yet done and I can at least think of them
15
16 - [ ] qgis-grass-plugin
17 - [ ] mapserver
18 - [ ] mapnik
19 - [ ] package mbsystem as a debian .deb
20 - [ ] Notes from mbsystem mailing list / poseidonlinux on how to build a really small vm
21
22 * Introduction
23
24 - https://help.ubuntu.com/community/UbuntuScience
25 - http://www.poseidonlinux.org/
26
27 * Installing packages via built in deb
28
29 ** Account utilities - file and password management
30
31 #+BEGIN_SRC sh
32 sudo apt-get install keepassx
33 #+END_SRC
34
35 For dropbox, see [[http://vislab-ccom.unh.edu/~schwehr/rt/6-keypassx-dropbox.html][Lecture 6: KeePassX and Dropbox]]
36
37 ** Misc Science
38
39 #+BEGIN_SRC sh
40 sudo apt-get install octave3.2 # Similar syntax to matlab
41 sudo apt-get install r-base r-cran-matplotlib # GNU R statistical computation and graphics system
42 sudo apt-get install libkml0
43 sudo apt-get install gnudatalanguage # aka gdl. Compatible with Interactive Data Language (IDL)
44 #+END_SRC
45
46 ** Emacs text editor
47
48 #+BEGIN_SRC sh
49 sudo apt-get install emacs23
50 sudo apt-get install org-mode
51 sudo apt-get install bbdb yasnippet pymacs css-mode debian-el dictionary-el easypg edb emacs-jabber erc
52 sudo apt-get install id-utils liece magit mell python-mode python-ropemacs riece slime wget-el yaml-mode
53 #+END_SRC
54
```

```
researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~$ apt-cac
researchtools@ubuntu:~$ apt-cac
2310
researchtools@ubuntu:~$ apt-cac
keepassx - Cross Platform Passw
researchtools@ubuntu:~$
```

Class 6: KeePassX and Cloud storage with DropBox (DRAFT) - Mozilla Firefox

File Edit View History Delicious Bookmarks Tools Help

vislab-ccom.unh.edu/~schwehr/Classes/2011/es

Index of /~schwehr/Classes... Class 6: KeePassX and Clou...

Managing passwords with KeePassX keepassx passwords

[KeyPassX](#) is a cross platform password manager that encrypts the data before saving it to disk. You can [software is already installed in your Linux

KeePassX - Password Manager

File Entries Groups View Extras Help

- New Database... Ctrl+N
- Open Database... Ctrl+O
- Bookmarks
- Close Database Ctrl+W
- Save Database Ctrl+S
- Save Database As...
- Database Settings...
- Change Master Key...
- Import from...
- Export to...
- Lock Workspace Ctrl+L
- Quit Ctrl+Q

Title	Username	URL	Password	Comments

Ready

do not support linux, but give you a web on the iPhone/iPad/Android devices, so if

click on the gray bar at the top of the "launcher..." (the 2nd item from the top), and "Add". You can now close the "Add

to create a "Master Key". This is the one you forget this password, you will loose all

we will move this file to your DropBox file in your home directory.

number of passwords associated with CCOM groups" -> "Add New Group...". For title, put

CCOM : You can pick whatever icon you wish.

Select the CCOM group.

You can now create password entries for web pages, computers, and other software. I also often put license

Find: keepassx Previous Next Highlight all Match case

```
researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~$ apt-cac
researchtools@ubuntu:~$ apt-cac
2310
researchtools@ubuntu:~$ apt-cac
keepassx - Cross Platform Passw
researchtools@ubuntu:~$
```

Class 6: KeePassX and Cloud storage with DropBox (DRAFT) - Mozilla Firefox

vislab-ccom.unh.edu/~schwchr/Classes/2011/es

Managing passwords with KeePassX

keepassx passwords

KeePassX - Password Manager

File Entries Groups View Extras Help

New Database

Set Master Key

Enter a Password and/or choose a key file.

Key

Password:

Key File: Browse...

Generate Key File...

Cancel OK

pts the data before saving it to disk. You can
The software is already installed in your Linux
rd. They do not support linux, but give you a web
available on the iPhone/iPad/Android devices, so if
ord.

Right click on the gray bar at the top of the
tion Launcher..." (the 2nd item from the top).
ePassX, and "Add". You can now close the "Add

need to create a "Master Key". This is the one
ls. If you forget this password, you will loose all

Later we will move this file to your DropBox file
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The program lets you organize passwords into groups. I have a number of passwords associated with CCOM systems and you do too. Let's create a group called "CCOM". "Groups" -> "Add New Group...". For title, put "CCOM". You can pick what ever icon you wish.

Select the CCOM group.

You can now create password entries for web pages, computers, and other software. I also often put license

Find: keepassx Previous Next Highlight all Match case

Pick a good password

I am using "demo".
You should use a very secure password.
DO NOT LOOSE THIS PASSWORD!

```
researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~$ apt-cac
researchtools@ubuntu:~$ apt-cac
2310
researchtools@ubuntu:~$ apt-cac
keepassx - Cross Platform Passw
researchtools@ubuntu:~$
```

Class 6: KeePassX and Cloud storage with DropBox (DRAFT) - Mozilla Firefox

File Edit View History Delicious Bookmarks Tools Help

vislab-ccom.unh.edu/~schwehr/Classes/2011/es

Index of /~schwehr/Classes... Class 6: KeePassX and Clou...

Managing passwords with KeePassX

keepassx passwords

KeePassX - Password Manager

File Entries Groups View Extras Help

Groups

New Database

Set Master Key

Enter a Password and/or choose a key file.

Key

Please repeat your password:

Back

Cancel OK

pts the data before saving it to disk. You can
The software is already installed in your Linux

rd. They do not support linux, but give you a web
available on the iPhone/iPad/Android devices, so if
ord.

Right click on the gray bar at the top of the
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need to create a "Master Key". This is the one
ls. If you forget this password, you will loose all

Later we will move this file to your DropBox file
ut it in your home directory.

Ready

Search Link Text

Pick a good password

I am using "demo".
You should use a very secure password.
DO NOT LOOSE THIS PASSWORD!

The program lets you organize passwords into groups. I have a number of passwords associated with CCOM systems and you do too. Let's create a group called "CCOM". "Groups" -> "Add New Group...". For title, put "CCOM". You can pick what ever icon you wish.

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You can now create password entries for web pages, computers, and other software. I also often put license

Find: keepassx Previous Next Highlight all Match case

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researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~$ apt-cac
researchtools@ubuntu:~$ apt-cac
2310
researchtools@ubuntu:~$ apt-cac
keepassx - Cross Platform Passw
researchtools@ubuntu:~$
```

Class 6: KeePassX and Cloud storage with DropBox (DRAFT) - Mozilla Firefox

File Edit View History Delicious Bookmarks Tools Help

vislab-ccom.unh.edu/~schwehr/Classes/2011/es

Index of /~schwehr/Classes... Class 6: KeePassX and Clou...

Managing passwords with KeePassX

keepassx passwords

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Select the CCOM group.

You can now create password entries for web pages, computers, and other software. I also often put license

Find: keepassx Previous Next Highlight all Match case

[new]* - KeePassX

File Entries Groups View Extras Help

Groups

- Internet
- eMail

Title	Username	URL	Password	Comments

Ready

Search Link Text

Pick a good password

I am using "demo".
You should use a very secure password.
DO NOT LOOSE THIS PASSWORD!

```

researchtools@ubuntu:~$ apt-cache search python | less
researchtools@ubuntu:~$ apt-cache search python | wc -l
2310
researchtools@ubuntu:~$ apt-cache search keepassx
keepassx - Cross Platform Password Manager
researchtools@ubuntu:~$

```

[new]* - KeePassX

File Entries Groups View Extras Help

- New Database... Ctrl+N
- Open Database... Ctrl+O
- Bookmarks
- Close Database Ctrl+W
- Save Database Ctrl+S**
- Save Database As...
- Database Settings...
- Change Master Key...
- Import from...
- Export to...
- Lock Workspace Ctrl+L
- Quit Ctrl+Q

Title	Username	URL	Password	Comments

Ready

words

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linux, but give you a web Pad/Android devices, so if

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Select the CCOM group.

You can now create password entries for web pages, computers, and other software. I also often put license

```
researchtools@ubuntu:~$ apt-cache search python | less
researchtools@ubuntu:~$ apt-cache search python | wc -l
```

Save Database...

Name:

Save in folder:

▼ Browse for other folders

researchtools Create Folder

Places	Name	Size	Modified
Search	class		Thursday
Recently Used	Desktop		Tuesday
researchtools	Documents		Tuesday
Desktop	Downloads		Tuesday
File System	Music		Tuesday
Floppy Drive	Pictures		Tuesday
Documents	Public		Tuesday
Music	Templates		Tuesday
Pictures	test		Tuesday
Videos	Videos		Tuesday
Downloads			

Add Remove KeepPass Databases Cancel Save

bucket schwehr

words

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linux, but give you a web Pad/Android devices, so if

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researchtools@ubuntu:~$ apt-cache search python | less
researchtools@ubuntu:~$ apt-cache search python | wc -l
2310
researchtools@ubuntu:~$ apt-cache search keepassx
keepassx - Cross Platform Password Manager
researchtools@ubuntu:~$

```

/home/researchtools/kurt.kdb - KeePassX

File Entries **Groups** View Extras Help

Add New Group... Ctrl+G
 Add New Subgroup...
 Edit Group...
 Delete Group
 Sort groups

Groups	Username	URL	Password	Comments
Internet				
eMail				

Ready

bucket schwehr

words

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linux, but give you a web Pad/Android devices, so if

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Find: keepassx Previous Next Highlight all Match case

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Select the CCOM group.

You can now create password entries for web pages, computers, and other software. I also often put license

```

researchtools@ubuntu:~$ apt-cache search python | less
researchtools@ubuntu:~$ apt-cache search python | wc -l
2310
researchtools@ubuntu:~$ apt-cache search keepassx
keepassx - Cross Platform Password Manager
researchtools@ubuntu:~$

```

/home/researchtools/kurt.kdb - KeePassX

File Entries Groups View Extras Help

Groups: Internet, eMail

Title	Username	URL	Password	Comments
[Empty table body]				

Group Properties

Title:

Icon:   

Ready

bucket schwehr

words

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linux, but give you a web Pad/Android devices, so if

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Find: Previous Next Highlight all Match case

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Select the CCOM group.

You can now create password entries for web pages, computers, and other software. I also often put license

```
researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~$ ap
researchtools@ubuntu:~$ ap
2310
researchtools@ubuntu:~$ ap
keepassx - Cross Platform
researchtools@ubuntu:~$
```

```
che search python | less
che search python | wc -l
che search keepassx
word Manager
```

bucket schwehr

words

ng it to disk. You can
installed in your Linux

linux, but give you a web
Pad/Android devices, so if

bar at the top of the
nd item from the top).
u can now close the "Add

er Key". This is the one
sword, you will loose all

/home/researchtools/k

File Entries Groups View Extr

Groups

- Internet
- eMail

Ready

KeepassX

Username	URL	Password	Comments
----------	-----	----------	----------

Properties

Title:

Icon:

Cancel OK

e. Later we will move this file to your DropBox file
put it in your home directory.

ave a number of passwords associated with CCOM
M". "Groups" -> "Add New Group...". For title, put

"CCOM". You can pick what ever icon you wish.

Select the CCOM group.

You can now create password entries for web pages, computers, and other software. I also often put license

Find: keepassx Previous Next Highlight all Match case

```

researchtools@ubuntu:~$ apt-cache search python | less
researchtools@ubuntu:~$ apt-cache search python | wc -l
2310
researchtools@ubuntu:~$ apt-cache search keepassx
keepassx - Cross Platform Password Manager
researchtools@ubuntu:~$

```

/home/researchtools/kurt.kdb+ - KeePassX

File Entries Groups View Extras Help

- Add New Entry... Ctrl+Y
- Clone Entry Ctrl+K
- View/Edit Entry... Ctrl+E
- Delete Entry Ctrl+D
- Perform AutoType Ctrl+V
- Copy Username to Clipboard Ctrl+B
- Copy Password to Clipboard Ctrl+C
- Open URL Ctrl+U
- Copy URL to Clipboard Ctrl+I
- Save Attachment As...
- Search in Database... Ctrl+F
- Search in this Group...

Group	Username	URL	Password	Comments
	****		*****	Ubuntu Lin...

Research Tools 2011 Virtual Machine (VM)

Group:	CCOM	Creation:	06/30/2012
Username:	****	Access:	06/30/2012
Password:	****	Modification:	06/30/2012
Attachment:		Expiration:	Never [-]

Ready

bucket schwehr

words

ing it to disk. You can installed in your Linux

linux, but give you a web Pad/Android devices, so if

bar at the top of the (and item from the top). you can now close the "Add

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Find: keepassx Previous Next Highlight all Match case

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Select the CCOM group.

You can now create password entries for web pages, computers, and other software. I also often put license

```

researchtools@ubuntu:~$ apt-cache search python | less
researchtools@ubuntu:~$ apt-cache search python | wc -l
2310
researchtools@ubuntu:~$ apt-cache search keepassx
keepassx - Cross Platform Password Manager
researchtools@ubuntu:~$

```

/home/researchtools/kurt.kdb+ - K

File Entries Groups View Extras Help

Groups

- Internet
- eMail
- CCOM

Title

Ready

Research Tools 2011 Virtual Machine (VM)

New Entry

Group: CCOM Icon: [icon]

Title: Research Tools 2011 Virtual Machine (VM)

Username: researchtools

URL:

Password: !rt2011vm [eye icon]

Repeat: !rt2011vm [Gen.]

Quality: [slider] 72 Bit

Comment: Ubuntu Linux 11.04 ESCI 893-03

Expires: 1/1/00 12:00 AM [calendar icon] [dropdown] Never

Attachment: [file icon] [folder icon] [close icon]

Tools [dropdown] [Cancel] [OK]

bucket schwehr

words

ing it to disk. You can installed in your Linux

linux, but give you a web Pad/Android devices, so if

bar at the top of the and item from the top). you can now close the "Add

er Key". This is the one sword, you will loose all

will move this file to your DropBox file r home directory.

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M". "Groups" -> "Add New Group...". For title, put

Find: keepassx [Previous] [Next] [Highlight all] [Match case]

"CCOM". You can pick what ever icon you wish.

Select the CCOM group.

You can now create password entries for web pages, computers, and other software. I also often put license

```

researchtools@ubuntu:~$ apt-cache search python | less
researchtools@ubuntu:~$ apt-cache search python | wc -l
2310
researchtools@ubuntu:~$ apt-cache search keepassx
keepassx - Cross Platform Password Manager
researchtools@ubuntu:~$

```

/home/researchtools/kurt.kdb* - KeePassX

File Entries Groups View Extras Help

Groups: Internet, eMail, **CCOM**

Add New Entry

Title	Username	URL	Password	Comments
Research...	*****		*****	Ubuntu Lin...

Research Tools 2011 Virtual Machine (VM)

Group:	CCOM	Creation:	06/30/2012
Username:	****	Access:	06/30/2012
Password:	****	Modification:	06/30/2012
Attachment:		Expiration:	Never [-]

Ready

words

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Select the CCOM group.

You can now create password entries for web pages, computers, and other software. I also often put license

Find: keepassx Previous Next Highlight all Match case

test

New Entry

Group: CCOM Icon: [Icon]

Title:

Username:

URL:

Password: [Eye]

Repeat: Gen.

Quality: 0 Bit

Comment:

Expires: 1/1/00 12:00 AM [Clock] [Dropdown] Never

Attachment: [Add] [Remove] [Close]

Tools Cancel OK

Password Generator

Random Pronounceable Custom

Use following character groups:

- Upper Letters
- Lower Letters
- Numbers
- Exclude look-alike characters
- Ensure that password contains characters from every group
- White Spaces
- Minus
- Underline

Options

Length: Quality: 163 Bits

Enable entropy collection Collect only once per session

New Password: [Eye] Generate

Cancel OK

Ready

Research Tools 2011 Virtual Machine (VM)	
Group:	CCOM
Username:	****
Password:	****
Attachment	
Creation:	06/30/2012
Access:	06/30/2012
Modification:	06/30/2012
:	
Expiration:	Never [-]

"CCOM". You can pick what ever icon you wish.

Select the CCOM group.

You can now create password entries for web pages, computers, and other software. I also often put license

Find: Previous Next Highlight all Match case

cket schwehr

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close the "Add

er Key". This is the one
sword, you will loose all

e. Later we will move this file to your DropBox file
put it in your home directory.

ave a number of passwords associated with CCOM
M". "Groups" -> "Add New Group...". For title, put

test

New Entry

Group: CCOM Icon: [Icon]

Title:

Username:

URL:

Password: [Eye]

Repeat: Gen.

Quality: 0 Bit

Comment:

Expires: 1/1/00 12:00 AM [Clock] [Dropdown] Never

Attachment: [Add] [Remove] [Close]

Tools Cancel OK

Password Generator

Random Pronounceable Custom

Lower Letters

Upper Letters

Numbers

Special Characters

Options

Length: Quality: 149 Bits

Enable entropy collection Collect only once per session

New Password: [Eye] Generate

Cancel OK

Ready

Research Tools 2011 Virtual Machine (VM)	
Group:	CCOM
Creation:	06/30/2012
Username:	****
Access:	06/30/2012
Password:	****
Modification:	06/30/2012
:	:
Attachment:	Expiration: Never [-]

cket schwehr

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in your Linux

give you a web
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M". "Groups" -> "Add New Group...". For title, put

Find: Previous Next Highlight all Match case

"CCOM". You can pick what ever icon you wish.

Select the CCOM group.

You can now create password entries for web pages, computers, and other software. I also often put license

test

New Entry

Group: CCOM Icon:

Title:

Username:

URL:

Password:

Repeat: Gen.

Quality: 0 Bit

Comment:

Expires: 1/1/00 12:00 AM Never

Attachment:

Tools Cancel OK

Password Generator

Random Pronounceable Custom

Use following character groups:

Upper Letters White Spaces Special Characters

Lower Letters Minus

Numbers Underline

Exclude look-alike characters

Ensure that password contains characters from every group

Options

Length: Quality: 76 Bits

Enable entropy collection Collect only once per session

New Password: Generate

Cancel OK

Ready

Research Tools 2011 Virtual Machine (VM)	
Group:	CCOM
Creation:	06/30/2012
Username:	****
Access:	06/30/2012
Password:	****
Modification:	06/30/2012
:	:
Attachment:	Expiration: Never [-]

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Select the CCOM group.

You can now create password entries for web pages, computers, and other software. I also often put license

Find: Previous Next Highlight all Match case

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sword, you will loose all

e. Later we will move this file to your DropBox file
put it in your home directory.

ave a number of passwords associated with CCOM
M". "Groups" -> "Add New Group...". For title, put

test

New Entry

Group: CCOM Icon: [Icon]

Title:

Username:

URL:

Password: [Eye]

Repeat: Gen.

Quality: [Slider] 120 Bit

Comment:

Expires: 1/1/00 12:00 AM [Clock] Never

Attachment: [Add] [Save] [Close]

Tools Cancel OK

```
python | less
python | wc -l
keepassx
```

URL	Password	Comments
	*****	Ubuntu Lin...

words

ing it to disk. You can installed in your Linux

linux, but give you a web Pad/Android devices, so if

bar at the top of the (nd item from the top). you can now close the "Add

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Find: Previous Next Highlight all Match case

Research Tools 2011 Virtual Machine (VM)

Group:	CCOM	Creation:	06/30/2012
Username:	****	Access:	06/30/2012
Password:	****	Modification:	06/30/2012
Attachment:		Expiration:	Never [-]

"CCOM". You can pick what ever icon you wish.

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You can now create password entries for web pages, computers, and other software. I also often put license


```

researchtools@ubuntu:~$ apt-cache search python | less
researchtools@ubuntu:~$ apt-cache search python | wc -l
2310
researchtools@ubuntu:~$ apt-cache search keepassx
keepassx - Cross Platform Password Manager
researchtools@ubuntu:~$

```

/home/researchtools/kurt.kdb* - KeePassX

File Entries Groups View Extras Help

Groups: Internet, eMail, CCOM

Title	Username	URL	Password	Comments
Research...	*****		*****	Ubuntu Lin...
test	*****		*****	

Context Menu for 'test':

- Copy Username to Clipboard (Ctrl+B)
- Copy Password to Clipboard (Ctrl+C)
- Open URL (Ctrl+U)
- Copy URL to Clipboard (Ctrl+I)
- Save Attachment As...
- Perform AutoType (Ctrl+V)
- Add New Entry... (Ctrl+Y)
- View/Edit Entry... (Ctrl+E)
- Clone Entry (Ctrl+K)
- Delete Entry (Ctrl+D)

test details:

- Group: CCOM
- Username: ****
- Password: ****
- Attachment
- Creation: 06/30/2012
- Access: 06/30/2012
- Modification: 06/30/2012
- Expiration: Never [-]

Ready

```

researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~$ apt-cache search python | less
researchtools@ubuntu:~$ apt-cache search python | wc -l
2310
researchtools@ubuntu:~$ apt-cache search keepassx
keepassx - Cross Platform Password Manager
researchtools@ubuntu:~$ test

```

/home/researchtools/kurt.kdb* - KeePassX

File Entries Groups View Extras Help

[Icons]

Groups	Title	Username	URL	Password	Comments
Internet	Researc...	*****		*****	Ubuntu Lin...
eMail	test	*****		*****	
CCOM					

test

Group:	CCOM	Creation:	06/30/2012
Username:	****	Access:	06/30/2012
Password:	****	Modification:	06/30/2012
		:	
Attachment		Expiration:	Never [-]

Ready

```
Applications Places System
researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~$ apt-cache search python | less
researchtools@ubuntu:~$ apt-cache search python | wc -l
2310
researchtools@ubuntu:~$ apt-cache search keepassx
keepassx - Cross Platform Password Manager
researchtools@ubuntu:~$ test
researchtools@ubuntu:~$
```

/home/researchtools/kurt.kdb* - KeePassX

File Entries Groups View Extras Help

Groups: Internet, eMail, CCOM

Title	Username	URL	Password	Comments
Researc...	*****		*****	Ubuntu Lin...
test	*****		*****	

- Copy Username to Clipboard (Ctrl+B)
- Copy Password to Clipboard (Ctrl+C)
- Open URL (Ctrl+U)
- Copy URL to Clipboard (Ctrl+I)
- Save Attachment As...
- Perform AutoType (Ctrl+V)
- Add New Entry... (Ctrl+Y)
- View/Edit Entry... (Ctrl+E)
- Clone Entry (Ctrl+K)
- Delete Entry (Ctrl+D)

test

Group: CCOM Creation: 06/30/2012
Username: **** Access: 06/30/2012
Password: **** Modification: 06/30/2012
: :
Attachment Expiration: Never [-]

Ready

```

researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~$ apt-cache search python | less
researchtools@ubuntu:~$ apt-cache search python | wc -l
2310
researchtools@ubuntu:~$ apt-cache search keepassx
keepassx - Cross Platform Password Manager
researchtools@ubuntu:~$ test
researchtools@ubuntu:~$ bbd3q7wyrhg69x5

```

/home/researchtools/kurt.kdb* - KeePassX

File Entries Groups View Extras Help

[Icons]

Groups	Title	Username	URL	Password	Comments
Internet	Researc...	*****		*****	Ubuntu Lin...
eMail	test	*****		*****	
CCOM					

test

Group:	CCOM	Creation:	06/30/2012
Username:	****	Access:	06/30/2012
Password:	****	Modification:	06/30/2012
		:	
Attachment		Expiration:	Never [-]

Ready

```
Applications Places System
researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~$ apt-cache search python | less
researchtools@ubuntu:~$ apt-cache search python | wc -l
2310
researchtools@ubuntu:~$ apt-cache search keepassx
keepassx - Cross Platform Password Manager
researchtools@ubuntu:~$ test
researchtools@ubuntu:~$ bbd3q7wyrhg69x5
```

/home/researchtools/kurt.kdb* - KeePassX

File Entries Groups View Extras Help

- New Database... Ctrl+N
- Open Database... Ctrl+O
- Bookmarks
- Close Database Ctrl+W
- Save Database Ctrl+S**
- Save Database As...
- Database Settings...
- Change Master Key...
- Import from...
- Export to...
- Lock Workspace Ctrl+L
- Quit Ctrl+Q

Title	Username	URL	Password	Comments
Researc...	*****		*****	Ubuntu Lin...
test	*****		*****	

test

Group: CCOM Creation: 06/30/2012
Username: **** Access: 06/30/2012
Password: **** Modification 06/30/2012
: :
Attachment Expiration: Never [-]

Ready

```
researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~$
```

Class 6: KeePassX and Cloud storage with DropBox (DRAFT) - Mozilla Firefox

File Edit View History Delicious Bookmarks Tools Help

vislab-ccom.unh.edu/~schwehr/Classes/2011/es

Index of /~schwehr/Classes... Class 6: KeePassX and Clou...

Setting up drop box cloud

Being able share files easily can make or break your work. There are many many services to automatically sync files between computers. There are many of these services:

http://en.wikipedia.org/wiki/List_of_online_backup_services

As a student at UNH, you have access to a Microsoft Live [SkyDrive](#) with 25GB of space via [WildcatsMail! SkyDrive](#). However, this service only supports Linux via a web browser. Be warned, faculty and staff do not have access to a SkyDrive through UNH, so they might not have experience with it if you need help.

Common services that support Linux are:

- <https://www.jungledisk.com/>
- <http://www.sugarsync.com/>
- <https://spideroak.com/>

One of the most popular services is DropBox. If you do not have a drop box account, you can either click this link below (this will both you and me a referral credit) or if you have someone else who can send you a referral, then you can both get a little extra free storage space over the default 2GB free account. If you have a .edu email address, be sure to use that email address as dropbox gives more space to education accounts.

Limitations of dropbox

Sadly, if you don't have internet, dropbox will not work. Even if you have multiple machines on a ship network that can talk to each other, dropbox does not currently support synchronization unless it can talk back to the company's main servers. There are other ways to share files on a ship than range from mounting network drives, to portable drives/usb sticks, and more.

It is possible that some of the OpenSource alternatives to DropBox that are being developed may become useful in restricted network environments, but I cannot yet offer any advice. See for example:

Find: Previous Next Highlight all Match case

researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~\$

Dropbox - Simplify your life - Mozilla Firefox
File Edit View History Delicious Bookmarks Tools Help

dropbox.com https://www.dropbox.com

Index of /~schwehr... Class 6: KeePassX a... Dropbox - Downloa... Dropbox - Simplify ...



Dropbox



Watch a Video

[Download Dropbox](#)

Free for Windows, Mac, Linux, and Mobile

Find: keepassx Previous Next Highlight all Match case

```
researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~$
```

Class 6: KeePassX and Cloud storage with DropBox (DRAFT) - Mozilla Firefox

File Edit View History Delicious Bookmarks Tools Help

vislab-ccom.unh.edu/~schwchr/Classes/2011/es

Index of /~schwchr... Class 6: KeePassX a... Dropbox - Downloa... Dropbox - Simplify ...

Security warning for cloud storage

Remember that this is a company storing your files on their servers. They have a privacy policy that says they will not look at your files, but that does not guarantee that they will not be hacked or that a government agency might force them to reveal your files. Additionally, it might be illegal to save certain types of data to the cloud (for example, confidential personal data or restricted data such as ITAR controlled material).

Think before putting files into a cloud drive!!!

You can encrypt data before putting into the service for extra protection. For example, KeyPassX does not store your raw passwords, so it should be safe for use with DropBox.

An example of one of the security issues:

<http://it.slashdot.org/story/11/04/08/1838220/Dropbox-Authentication-Insecure-By-Design>

Creating an account

This is my referral link. Please feel free to use a referral from someone else.

<http://db.tt/qj5etLX>

NOTE: I am not sure if it really is okay for a professor to give out a referral URL in class. If you are not comfortable with that, get a referral from someone you know who already has a dropbox account. You do not want to miss out on a little extra free space.

You can get extra space by referring other people you know (be warned that other people might not appreciate the invite). Once you have signed in, make sure to go to this address to verify that are getting credit for your educational account and to get extra free space.

<https://www.dropbox.com/edu>

You can pay for more space if you desire, but for this class, I am assuming that you only have the base free account. You will not need more space than that for the class.

Referral URL for dropbox:

Search Link Text [icons]

Referral URL for dropbox:

<http://db.tt/qj5etLX>

```
researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~$
```

Information Technology | Windows Live SkyDrive - Mozilla Firefox

File Edit View History Delicious Bookmarks Tools Help

tps.unh.edu/software-services/windows-live-sk

Microsoft skydrive

WildcatsMail | Your UNH E... Information Technology | W...



UNIVERSITY of NEW HAMPSHIRE

Information Technology

UNH-IT Home TPS Home Premium Services Repair Services Servers

Technical Professional Services

- Computer Repair Services
- Premium Services
- Software Services
 - Software Services
 - Campus Antivirus
 - Apple Education Licensing
- WildcatsMail

Windows Live SkyDrive

Get access to Windows Live SkyDrive through Live@EDU!

Easily create, upload and share files with anyone you choose— including an entire social network.

In May 2011, Login with your UNH account...

username@wildcats.unh.edu

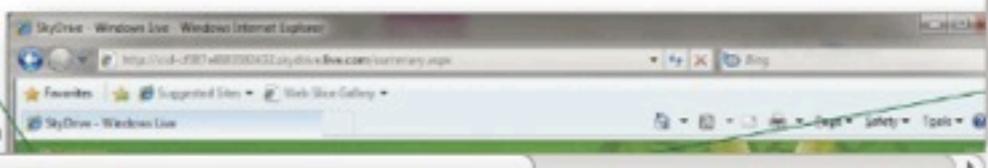
...and get all the benefits of Windows Live SkyDrive!

- Create, view, edit, and share MicrosoftWord, Excel, PowerPoint, and OneNotefiles online with SkyDrive—even if you don't have Microsoft Office installed on your computer.
- Easily upload and share photos and videos so you can access them online. Share one file, a whole folder, or a photo album with anyone you choose—including an entire social network.
- Share the documents and photos you have on SkyDrive with lots of people at the same time by sharing them with a group.

Windows Live™ SkyDrive™ gives you access to ample storage—25 GB, to be exact—collaboration to wherever you can connect to the Internet. Think of it as your thumb drive in the cloud. Part of the no-co applications, SkyDrive™ is the perfect place to store personal documents and educational resources, post your favorite spring break photos for friends to see. And you can do all this from any web browser, commercial advertising.

Show your school spirit

Like all Live@EDU applications, SkyDrive can



Referral URL for dropbox:

Search Link Text [Settings] [No Content]

<http://db.tt/qj5etLX>

researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~\$

Dropbox - You're invited to join Dropbox! - Simplify your life - Mozilla Firefox

File Edit View History Delicious Bookmarks Tools Help

dropbox.com https://www.dropbox.com/refe... Google

Dropbox - You're invited to joi...



Welcome to Dropbox!

Bring your photos, docs and videos anywhere. [Take a tour.](#)

First name

Last name

Email

Password

I agree to [Dropbox Terms](#)

[Create account](#)

Referral URL for dropbox:

Search Link Text [icons]

[Referral URL for dropbox:](http://db.tt/qj5etLX)

<http://db.tt/qj5etLX>

```
researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~$
```

Dropbox - Simplify your life - Mozilla Firefox

File Edit View History Delicious Bookmarks Tools Help

dropbox.com https://www.dropbox.com

Dropbox - Simplify your life

Sign in



Dropbox



Watch a Video

[Download Dropbox](#)

Free for Windows, Mac, Linux, and Mobile

https://www.dropbox.com/login

Referral URL for dropbox:

Search Link Text

[Referral URL for dropbox:](http://db.tt/qj5etLX)

<http://db.tt/qj5etLX>

```
researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~$
```

Dropbox - Simplify your life - Mozilla Firefox

File Edit View History Delicious Bookmarks Tools Help

dropbox.com https://www.dropbox.com

Dropbox - Simplify your life

Sign in

schwehr@ccom.unh.edu

.....

Remember me

[Create an account](#)



Dropbox



Watch a Video

Free for Windows, Mac, Linux, and Mobile

Referral URL for dropbox:

Search Link Text [settings] [no ads]

[Referral URL for dropbox:](http://db.tt/qj5etLX)

<http://db.tt/qj5etLX>

researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~\$

rt - Dropbox - Mozilla Firefox
File Edit View History Delicious Bookmarks Tools Help

dropbox.com https://www.dropbox.com/hom

rt - Dropbox

Dropbox rt

Name ▲	Kind
class	folder
FromVM	folder
old	folder
video	folder
22.org	file org
homeworks.org	file org
next-video.org	file org
pod-1-intro.org	file org
tutorial.org	file org
video-8.html	code html
video-19.org	file org
video-19.org	file org

Sharing
Links
Events
Get Started

Share a folder
Shared folders in Dropbox are a great way to share your photos, docs, and videos with friends.

help Privacy More ▲

Referral URL for dropbox:

Search Link Text [settings] [no ads]

Referral URL for dropbox:

<http://db.tt/qj5etLX>

researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~\$

Download Dropbox - Dropbox - Mozilla Firefox
File Edit View History Delicious Bookmarks Tools Help

dropbox.com https://www.dropbox.com/insta

rt - Dropbox Download Dropbox - Dropbox



Download Dropbox

Simplify your life

- ▶ Ubuntu (.deb) 64-bit 32-bit
- ▶ Fedora (.rpm) 64-bit 32-bit
- ▶ Debian (.deb) 64-bit 32-bit
- ▶ Compile from source

Also available for [Mac](#), [Windows](#), and [Android](#)



- Open Link in New Tab
- Open Link in New Window
- Bookmark This Link
- Bookmark This Link In Delicious...
- Save Link As...
- Send Link...
- Copy Link Location**
- Inspect Element (Q)

Install Dropbox via command line

The Dropbox daemon works fine on all 32-bit and 64-bit Linux servers. To install, run the following command in your L

32-bit:

```
$ cd ~ && wget -O - "https://www.dropbox.com/download?plat=lnx.x86" | tar xzf -
```

```

researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~$ wget -O dropbox_1.4.0_i386.deb https://www.dropbox.com/download?dl=packages/ubuntu/dropbox_1.4.0_i386.deb
--2012-06-30 09:09:12-- https://www.dropbox.com/download?dl=packages/ubuntu/dropbox_1.4.0_i386.deb
Resolving www.dropbox.com... 199.47.216.170, 199.47.216.171, 199.47.217.170, ...
Connecting to www.dropbox.com|199.47.216.170|:443... connected.
HTTP request sent, awaiting response... 302 FOUND
Location: https://linux.dropbox.com/packages/ubuntu/dropbox_1.4.0_i386.deb [following]
--2012-06-30 09:09:12-- https://linux.dropbox.com/packages/ubuntu/dropbox_1.4.0_i386.deb
Resolving linux.dropbox.com... 174.36.30.74
Connecting to linux.dropbox.com|174.36.30.74|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 92720 (91K) [application/octet-stream]
Saving to: `dropbox_1.4.0_i386.deb'

100%[=====>] 92,720      512K/s   in 0.2s

2012-06-30 09:09:13 (512 KB/s) - `dropbox_1.4.0_i386.deb' saved [92720/92720]

researchtools@ubuntu:~$

```

ox linux ubuntu

Dropbox - Simplify ...

only have the base free

ion of dropbox. You will

VM does **not** have

o go through a different

package from here:

```
wget --output-document=nautilus-dropbox_0.6.9_i386.deb https://www.dropbox.com/download
```

It is a good idea to verify that what we downloaded is what we expected. First, we can use the file command from the last class to ask if it knows what type of file this is:

```

file *.deb
nautilus-dropbox_0.6.9_i386.deb: Debian binary package (format 2.0)

```

We will talk more about checksums, but there the basic idea is that you can run an algorithm on the contents of a file to make sure that the file probably contains the same bytes that you expect it to. The [md5 algorithm](#) is one of the most commonly used today. Give it a try and see if you get the same results:

```

researchtools@ubuntu: ~
File Edit View Search Terminal Help
MD5SUM(1) User Commands MD5SUM(1)

NAME
  md5sum - compute and check MD5 message digest

SYNOPSIS
  md5sum [OPTION]... [FILE]...

DESCRIPTION
  Print or check MD5 (128-bit) checksums. With no FILE, or when FILE is
  -, read standard input.

  -b, --binary
        read in binary mode

  -c, --check
        read MD5 sums from the FILEs and check them

  -t, --text
        read in text mode (default)

```

Manual page md5sum(1) line 1

```

researchtools@ubuntu: ~
File Edit View Search Terminal Help
researchtools@ubuntu:~$ ls -l dropbox_1.4.0_i386.deb
-rw-r--r-- 1 researchtools researchtools 92720 2012-04-25 20:40 dropbox_1.4.0_i386.deb
researchtools@ubuntu:~$ md5sum dropbox_1.4.0_i386.deb
c03ff22e43c706f8ee4fe6fc3ab79400 dropbox_1.4.0_i386.deb
researchtools@ubuntu:~$

```

```
Applications Places System
researchtools@ubuntu: ~
File Edit View Search Terminal Help
86.deb
researchtools@ubuntu:~$ file *.deb
dropbox_1.4.0_i386.deb: Debian binary package (format 2.0)
researchtools@ubuntu:~$ sudo dpkg -i dropbox_1.4.0_i386.deb
[sudo] password for researchtools:
Selecting previously deselected package dropbox.
(Reading database ... 248074 files and directories currently installed.)
Unpacking dropbox (from dropbox_1.4.0_i386.deb) ...
Setting up dropbox (1.4.0) ...
Please restart all running instances of Nautilus, or you will experience problems. i.e. nautilus --quit
Dropbox installation successfully completed! You can start Dropbox from your applications menu.
Processing triggers for bamfdaemon ...
Rebuilding /usr/share/applications/bamf.index...
Processing triggers for desktop-file-utils ...
Processing triggers for python-gmenu ...
Rebuilding /usr/share/applications/desktop.en_US.utf8.cache...
Processing triggers for hicolor-icon-theme ...
Processing triggers for man-db ...
Processing triggers for python-support ...
researchtools@ubuntu:~$
```

run the installer

Then you need to install the software:

```
sudo dpkg -i nautilus-dropbox_0.6.9_i386.deb
```

Answer yes to what it asks and then click the button to "Restart Nautilus". Click the "Next" button. Then click "Start Dropbox". You can then sign in and dropbox will start to synchronize your files. There will now be a icon on the top right of your screen that is supposed to look like a box with an open top. This will give you a short cut to see what files have recently been changed in your account and see other dropbox functions.

```

researchtools@ubuntu: ~
File Edit View Search Terminal Help

86.deb
researchtools@ubuntu:~$ file *.deb
dropbox_1.4.0_i386.deb: Debian binary package (format 2.0)
researchtools@ubuntu:~$ sudo dpkg -i dropbox_1.4.0_i386.deb
[sudo] password for researchtools:
Selecting previously deselected package dropbox.
(Reading database ... 248074 files and
Unpacking dropbox (from dropbox_1.4.0
Setting up dropbox (1.4.0) ...
Please restart all running instances
s. i.e. nautilus --quit
Dropbox installation successfully comp
lications menu.
Processing triggers for bamfdaemon ..
Rebuilding /usr/share/applications/ba
Processing triggers for desktop-file-
Processing triggers for python-gmenu
Rebuilding /usr/share/applications/de
Processing triggers for hicolor-icon-
Processing triggers for man-db ...
Processing triggers for python-support
researchtools@ubuntu:~$

```

Information available

Update information

Nautilus Restart Required

Dropbox requires Nautilus to be restarted to function properly.

Restart Nautilus

Next

Close

run the installer

Then you need to install the software:

```
sudo dpkg -i nautilus-dropbox_0.6.9_i386.deb
```

Answer yes to what it asks and then click the button to "Restart Nautilus". Click the "Next" button. Then click "Start Dropbox". You can then sign in and dropbox will start to synchronize your files. There will now be a icon on the top right of your screen that is supposed to look like a box with an open top. This will give you a short cut to see what files have recently been changed in your account and see other dropbox functions.

```

researchtools@ubuntu: ~
File Edit View Search Terminal Help

86.deb
researchtools@ubuntu:~$ file *.deb
dropbox_1.4.0_i386.deb: Debian binary package (format 2.0)
researchtools@ubuntu:~$ sudo dpkg -i dropbox_1.4.0_i386.deb
[sudo] password for researchtools:
Selecting previously deselected package dropbox.
(Reading database ... 248074 files and
Unpacking dropbox (from dropbox_1.4.0_i386.deb) ...
Setting up dropbox (1.4.0) ...
Please restart all running instances of
s. i.e. nautilus --quit
Dropbox installation successfully completed.
Applications menu.
Processing triggers for bamfdaemon ...
Rebuilding /usr/share/applications/bamf-
Processing triggers for desktop-file-
Processing triggers for python-gmenu
Rebuilding /usr/share/applications/desktop-
Processing triggers for hicolor-icon-
Processing triggers for man-db ...
Processing triggers for python-support
researchtools@ubuntu:~$

```

Information available

Update information

Dropbox Start Required

Start Dropbox to finish installation.

Start Dropbox

Close

run the installer

Then you need to install the software:

```
sudo dpkg -i nautilus-dropbox_0.6.9_i386.deb
```

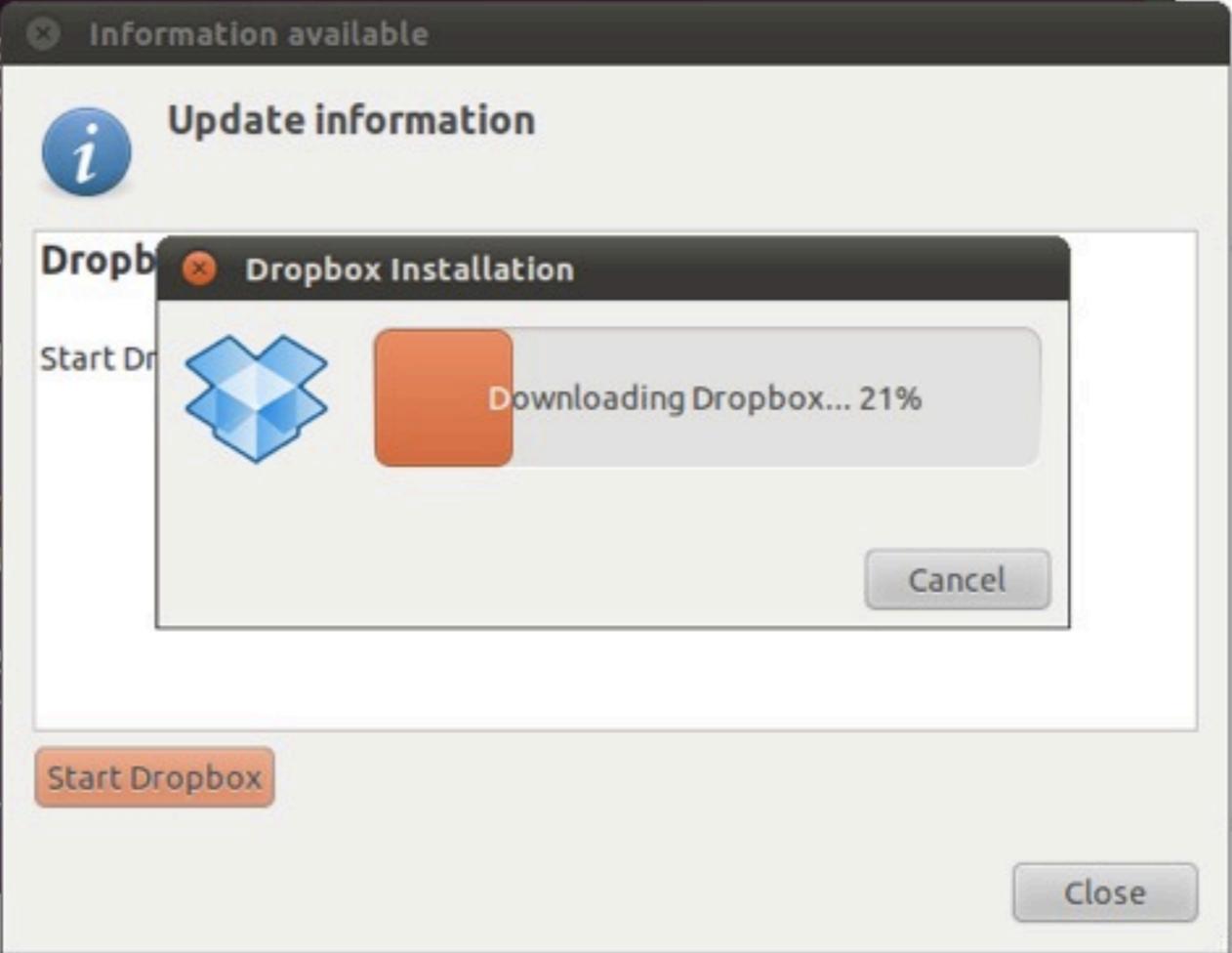
Answer yes to what it asks and then click the button to "Restart Nautilus". Click the "Next" button. Then click "Start Dropbox". You can then sign in and dropbox will start to synchronize your files. There will now be a icon on the top right of your screen that is supposed to look like a box with an open top. This will give you a short cut to see what files have recently been changed in your account and see other dropbox functions.

```

researchtools@ubuntu: ~
File Edit View Search Terminal Help

86.deb
researchtools@ubuntu:~$ file *.deb
dropbox_1.4.0_i386.deb: Debian binary package (format 2.0)
researchtools@ubuntu:~$ sudo dpkg -i dropbox_1.4.0_i386.deb
[sudo] password for researchtools:
Selecting previously deselected package dropbox.
(Reading database ... 248074 files and
Unpacking dropbox (from dropbox_1.4.0_i386.deb) ...
Setting up dropbox (1.4.0) ...
Please restart all running instances of
s. i.e. nautilus --quit
Dropbox installation successfully completed.
Applications menu.
Processing triggers for bamfdaemon ...
Rebuilding /usr/share/applications/bamf-
Processing triggers for desktop-file-
Processing triggers for python-gmenu
Rebuilding /usr/share/applications/de
Processing triggers for hicolor-icon-
Processing triggers for man-db ...
Processing triggers for python-support
researchtools@ubuntu:~$

```



run the installer

Then you need to install the software:

```
sudo dpkg -i nautilus-dropbox_0.6.9_i386.deb
```

Answer yes to what it asks and then click the button to "Restart Nautilus". Click the "Next" button. Then click "Start Dropbox". You can then sign in and dropbox will start to synchronize your files. There will now be a icon on the top right of your screen that is supposed to look like a box with an open top. This will give you a short cut to see what files have recently been changed in your account and see other dropbox functions.

```

researchtools@ubuntu: ~
File Edit View Search Terminal Help

86.deb
researchtools@ubuntu:~$ file *.deb
dropbox_1.4.0_i386.deb: Debian binary package (format 2.0)
researchtools@ubuntu:~$ sudo dpkg -i dropbox_1.4.0_i386.deb
[sudo] password for researchtools:
Selecting previously deselected package dropbox.
(Reading database ... 248074 files and
Unpacking dropbox (from dropbox_1.4.0
Setting up dropbox (1.4.0) ...
Please restart all running instances of
s. i.e. nautilus --quit
Dropbox installation successfully complete.
Applications menu.
Processing triggers for bamfdaemon ..
Rebuilding /usr/share/applications/bamf
Processing triggers for desktop-file-
Processing triggers for python-gmenu
Rebuilding /usr/share/applications/de
Processing triggers for hicolor-icon-
Processing triggers for man-db ...
Processing triggers for python-support
researchtools@ubuntu:~$

```



run the i
Then you n

```
sudo dpkg -i nautilus-dropbox_0.6.0-1_i386.deb
```

Answer yes to what it asks and then click the button to "Restart Nautilus". Click the "Next" button. Then click "Start Dropbox". You can then sign in and dropbox will start to synchronize your files. There will now be a icon on the top right of your screen that is supposed to look like a box with an open top. This will give you a short cut to see what files have recently been changed in your account and see other dropbox functions.

86.deb

```

researchtools@ubuntu:~$ file *.deb
dropbox_1.4.0_i386.deb: Debian binary package (format 2.0)
researchtools@ubuntu:~$ sudo dpkg -i dropbox_1.4.0_i386.deb
[sudo] password for researchtools:
Selecting previously deselected package dropbox.
(Reading database ... 248074 files and
Unpacking dropbox (from dropbox_1.4.0
Setting up dropbox (1.4.0) ...
Please restart all running instances of
s. i.e. nautilus --quit
Dropbox installation successfully complete.
Applications menu.
Processing triggers for bamfdaemon ..
Rebuilding /usr/share/applications/bamf
Processing triggers for desktop-file-
Processing triggers for python-gmenu
Rebu
Proce
Proce
Proce
resea

```

Information available

Dropbox Setup

Log in to Dropbox

Email:

Password:

[Forgot password?](#)

Computer name:

(e.g. Drew's Laptop)

Previous Next

KeePassX File Entries Groups View Extras Help

/Users/schwehr/Dropbox/kurt.kdb - KeePassX

dropbox

Groups	Group	Title	Username	URL	Password
CCOM	FileSharing	dropbox	*****	https://dropb...	*****

- Copy Username to Clipboard ⌘B
- Copy Password to Clipboard ⌘C
- Open URL ⌘U
- Copy URL to Clipboard ⌘I
- Save Attachment As...
- Add New Entry... ⌘Y
- View/Edit Entry... ⌘E
- Clone Entry ⌘K
- Delete Entry ⌘D

dropbox

Group: FileSharing Creation: 07/09/2011

Username: ***** Access: 07/09/2011

Password: ***** Modification: 07/09/2011

Attachment: Expiration: Never [-]

URL: https://dropbox.com

Click the button to "Restart Nautilus". Click the "Next" button. Then click and dropbox will start to synchronize your files. There will now be a is supposed to look like a box with an open top. This will give you a short cut to see what files have recently been changed in your account and see other dropbox functions.

```

researchtools@ubuntu: ~
File Edit View Search Terminal Help

86.deb
researchtools@ubuntu:~$ file *.deb
dropbox_1.4.0_i386.deb: Debian binary package (format 2.0)
researchtools@ubuntu:~$ sudo dpkg -i dropbox_1.4.0_i386.deb
[sudo] password for researchtools:
Selecting previously deselected package dropbox.
(Reading database ... 248074 files and
Unpacking dropbox (from dropbox_1.4.0
Setting up dropbox (1.4.0) ...
Please restart all running instances of
s. i.e. nautilus --quit
Dropbox installation successfully complete.
Applications menu.
Processing triggers for bamfdaemon ..
Rebuilding /usr/share/applications/bamf
Processing triggers for desktop-file-
Processing triggers for python-gmenu
Rebuilding /usr/share/applications/de
Processing triggers for hicolor-icon-
Processing triggers for man-db ...
Processing triggers for python-support
researchtools@ubuntu:~$

```

Information available

Dropbox Setup

Upgrade your Dropbox?

<input checked="" type="radio"/>		2 GB	Free
<input type="radio"/>		50 GB	\$9.99 per month
<input type="radio"/>		100 GB	\$19.99 per month

[Pricing terms](#)

Next

run the i
Then you n

```

sudo dpkg -i nautilus-dropbox_0.6.0-1_i386.deb

```

Answer yes to what it asks and then click the button to "Restart Nautilus". Click the "Next" button. Then click "Start Dropbox". You can then sign in and dropbox will start to synchronize your files. There will now be a icon on the top right of your screen that is supposed to look like a box with an open top. This will give you a short cut to see what files have recently been changed in your account and see other dropbox functions.

```

researchtools@ubuntu: ~
File Edit View Search Terminal Help

86.deb
researchtools@ubuntu:~$ file *.deb
dropbox_1.4.0_i386.deb: Debian binary package (format 2.0)
researchtools@ubuntu:~$ sudo dpkg -i dropbox_1.4.0_i386.deb
[sudo] password for researchtools:
Selecting previously deselected package dropbox.
(Reading database ... 248074 files and
Unpacking dropbox (from dropbox_1.4.0
Setting up dropbox (1.4.0) ...
Please restart all running instances of
s. i.e. nautilus --quit
Dropbox installation successfully complete.
Applications menu.
Processing triggers for bamfdaemon ..
Rebuilding /usr/share/applications/bamf
Processing triggers for desktop-file-
Processing triggers for python-gmenu
Rebuilding /usr/share/applications/de
Processing triggers for hicolor-icon-
Processing triggers for man-db ...
Processing triggers for python-support
researchtools@ubuntu:~$

```

Information available

Dropbox Setup

Choose setup type

- Typical** (recommended)
Set up Dropbox with normal settings.
- Advanced**
Choose your Dropbox's location, which folders will be synced, and if extended attributes should be synced.

Previous Install

run the i
Then you n

```

sudo dpkg -i nautilus-dropbox_0.6.9-1ubuntu1_i386.deb

```

Answer yes to what it asks and then click the button to "Restart Nautilus". Click the "Next" button. Then click "Start Dropbox". You can then sign in and dropbox will start to synchronize your files. There will now be a icon on the top right of your screen that is supposed to look like a box with an open top. This will give you a short cut to see what files have recently been changed in your account and see other dropbox functions.

```
u: ~
nal Help

u:~$ file *.deb
deb: Debian binary package (format 2.0)
u:~$ sudo dpkg -i dropbox_1.4.0_i386.deb
researchtools:
y deselected package dropbox.
.. 248074 files and directories currently installed.)
from dropbox_1.4.0_i386.deb) ...
(1.4.0) ...
running instances of Nautilus, or you will experience problem
quit
n successfully completed! You can start Dropbox from your app

for bamfdaemon ...
re/applications/bamf.index...
for desktop-file-utils ...
for python-gmenu ...
re/applications/desktop.en_US.utf8.cache...
for hicolor-icon-theme ...
for man-db ...
for python-support ...
u:~$
```

run the installer

Then you need to install the software:

```
sudo dpkg -i nautilus-dropbox_0.6.9_i386.deb
```

Answer yes to what it asks and then click the button to "Restart Nautilus". Click the "Next" button. Then click "Start Dropbox". You can then sign in and dropbox will start to synchronize your files. There will now be a icon on the top right of your screen that is supposed to look like a box with an open top. This will give you a short cut to see what files have recently been changed in your account and see other dropbox functions.

rt

File Edit View Go Bookmarks Help

Back Forward 100% Icon View

Places: researchtools, Dropbox, rt

researchtools	class	FromVM	old	video
Desktop	22.org	homeworks.org	next-video.org	pod-1-intro.org
File System	tutorial.org	video-8.html	video-19.org	vm-ubuntu.org
Network				
Floppy Drive				
Trash				
Documents				
Music				
Pictures				
Videos				
Downloads				

12 items, Free space: 11.8 GB

led.)
 ience problem
 from your app

Dropbox - Simplify ...

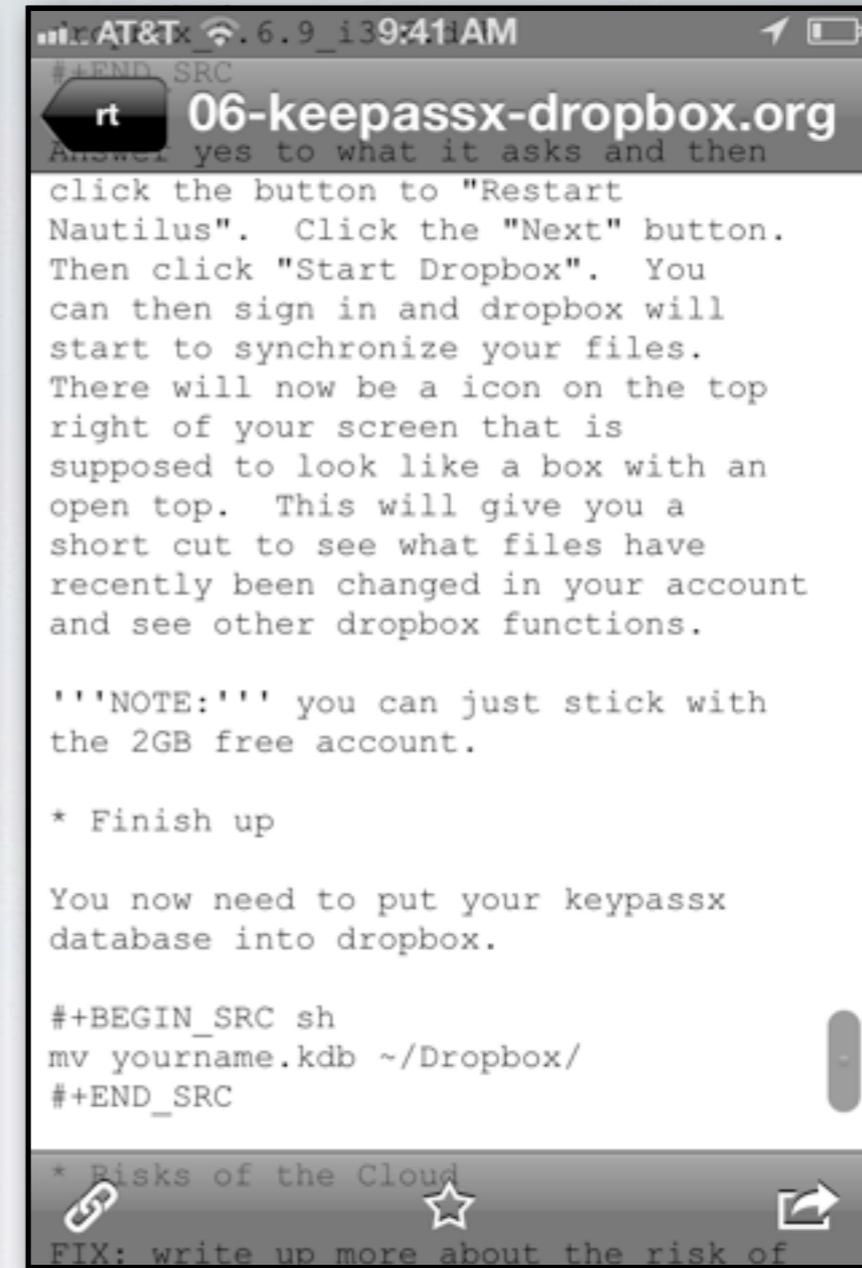
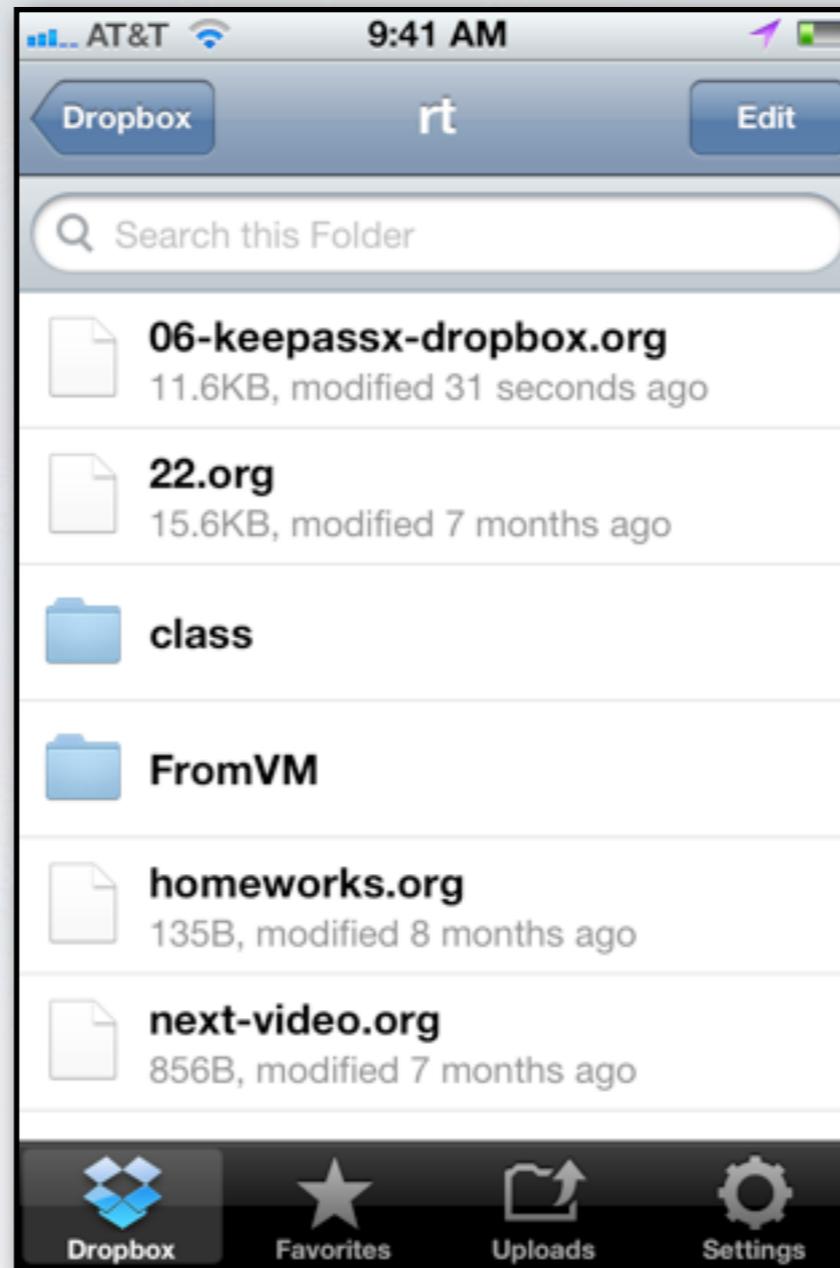
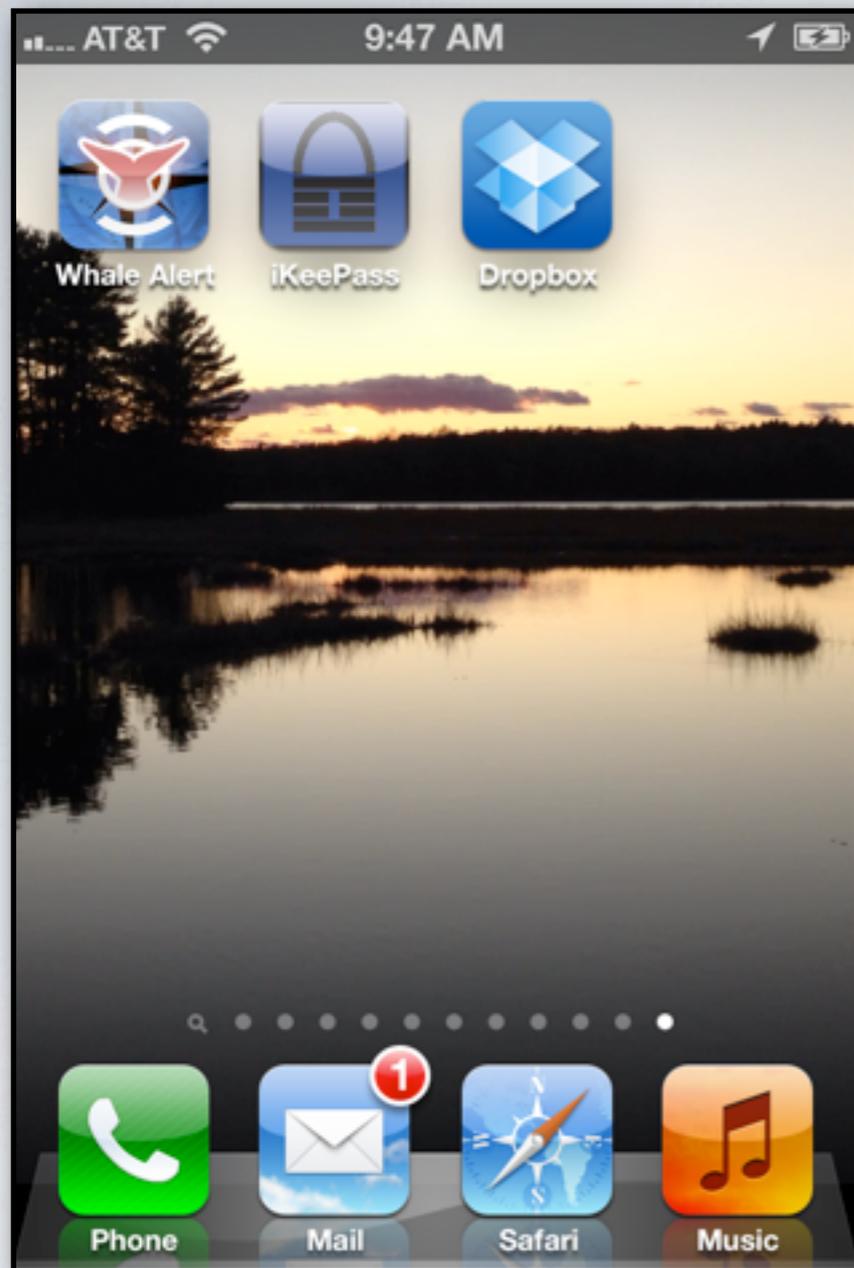
bove.

Then you need to install the software:

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```
researchtools@ubuntu: ~  
File Edit View Search Terminal Help  
researchtools@ubuntu:~$ ls -l ~/Dropbox/kurt.kdb*  
-rw-r--r-- 1 researchtools researchtools 46396 2012-06-12 19:09 /home/researchto  
ols/Dropbox/kurt.kdb  
-rw-r--r-- 1 researchtools researchtools 0 2012-06-30 08:17 /home/researchto  
ols/Dropbox/kurt.kdb.lock  
researchtools@ubuntu:~$ ls ~/Dropbox/rt/  
22.org homeworks.org pod-1-intro.org video-19.org vm-ubuntu.org  
class next-video.org tutorial.org video-19.org~  
FromVM old video video-8.html  
researchtools@ubuntu:~$
```



Dropbox running on an Apple iPhone viewing an org-mode text file from my dropbox account.

My computers
These are the computers and devices currently linked to your Dropbox.

Computer name	Last activity		
 ubuntu-rt-2011	 14 mins ago	 Rename	 Unlink
 iPhone	N/A	 Rename	 Unlink

```
total used in directory 72 available 1544272
drwxr-xr-x 17 schwehr staff 578 Jun 30 09:40 .
drwx----- 59 schwehr staff 2006 Jun 30 08:17 ..
-rw-r--r-- 1 schwehr staff 6148 May 28 16:41 .DS_Store
-rw-r--r-- 1 schwehr staff 11872 Jun 30 09:40 06-keepassx-dropbox.org
-rw-r--r-- 1 schwehr staff 15979 Nov 15 2011 22.org
drwxr-xr-x 9 schwehr staff 306 May 28 16:39 FromVM
drwxr-xr-x 7 schwehr staff 238 Nov 6 2011 class
-rw-r--r-- 1 schwehr staff 135 Oct 11 2011 homeworks.org
-rw-r--r-- 1 schwehr staff 856 Nov 9 2011 next-video.org
drwxr-xr-x 6 schwehr staff 204 Nov 1 2011 old
-rw-r--r-- 1 schwehr staff 3006 Jun 16 2011 pod-1-intro.org
-rw-r--r-- 1 schwehr staff 688 Sep 24 2011 tutorial.org
drwxr-xr-x 5 schwehr staff 170 Oct 18 2011 video
-rw-r--r-- 1 schwehr staff 5776 Nov 27 2011 video-19.org
-rw-r--r-- 1 schwehr staff 624 Nov 27 2011 video-19.org~
-rw-r--r-- 1 schwehr staff 3158 Oct 9 2011 video-8.html
-rw-r--r-- 1 schwehr staff 3134 Sep 8 2011 vm-ubuntu.org
```

--:~%~ rt Bot (20,0) [(Dired by name)] 9:59AM 0.97

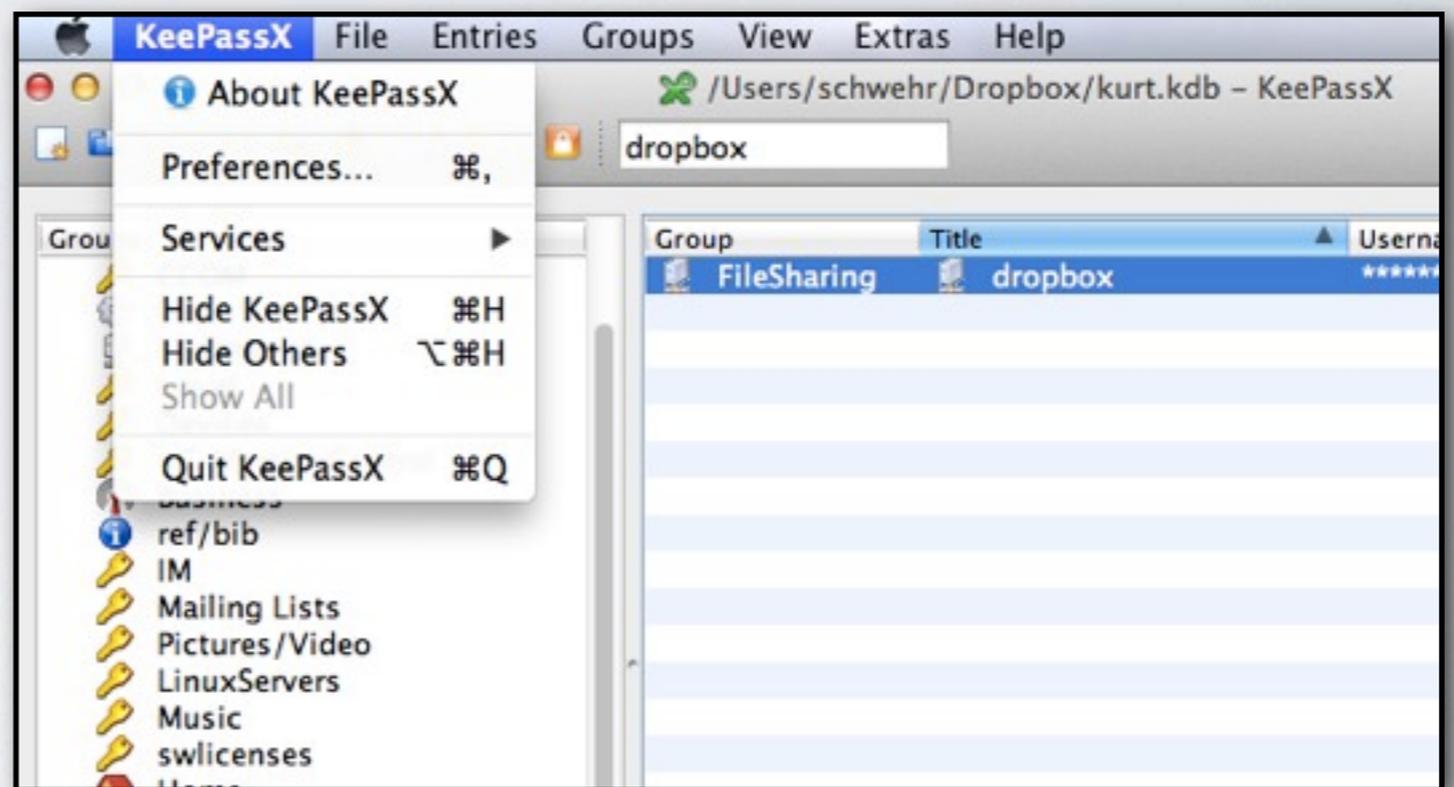
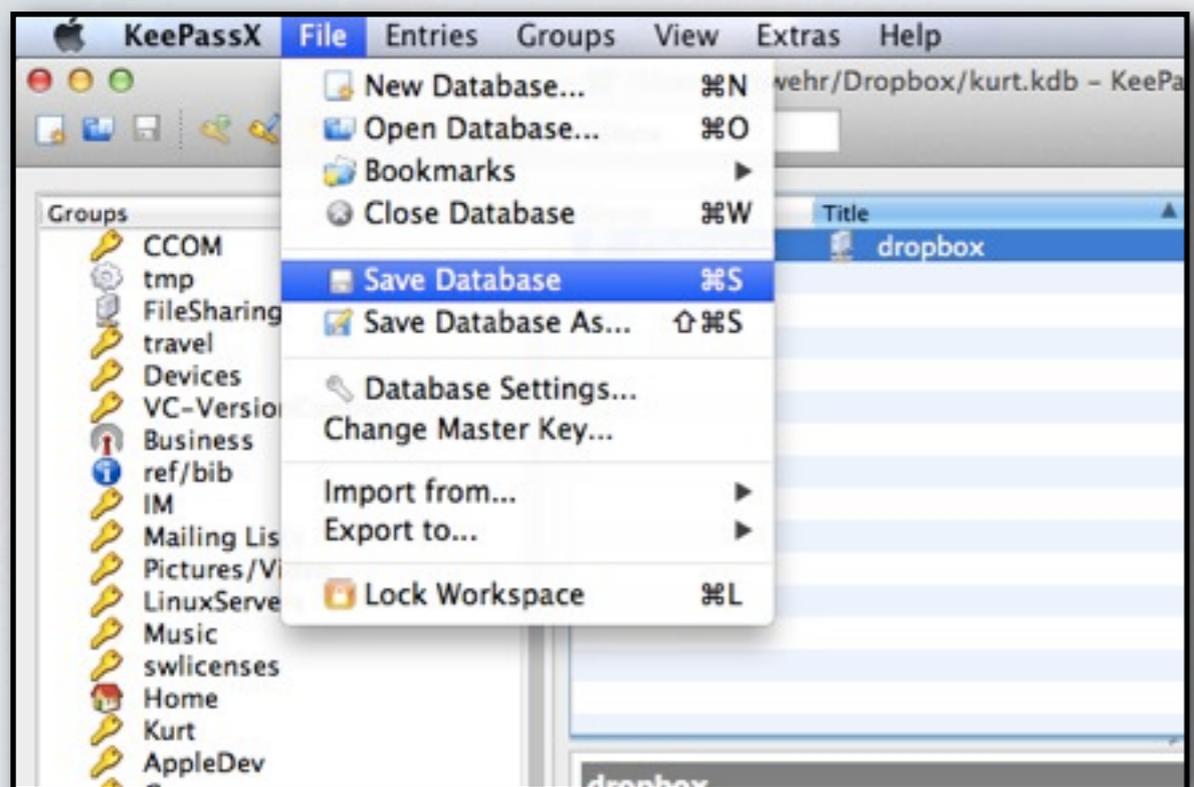
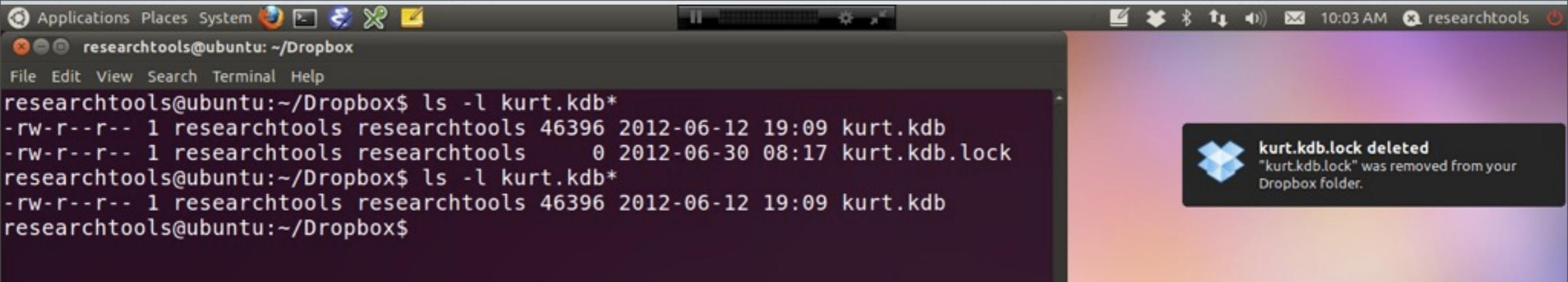
```
#+TITLE: Class 6: KeePassX and Cloud storage with DropBox (DRAFT)
#+AUTHOR: Kurt Schwehr
#+EMAIL: schwehr@ccom.unh.edu
#+DATE: <2011-09-15 Thu>
#+DESCRIPTION: Marine Research Data Manipulation and Practices
#+KEYWORDS:
#+LANGUAGE: en
#+OPTIONS: H:3 num:nil toc:t \n:nil @:t ::t |:t ^:t -:t f:t *:t <t
#+OPTIONS: TeX:t LaTeX:nil skip:t d:nil todo:t pri:nil tags:not-in-toc
#+INFOJS_OPT: view:nil toc:nil ltoc:t mouse:underline buttons:0 path:http://orgmode.org/org-info.js
#+EXPORT_SELECT_TAGS: export
#+EXPORT_EXCLUDE_TAGS: noexport
#+LINK_HOME: http://vislab-ccom.unh.edu/~schwehr/Classes/2011/esci895-researchtools/

* Introduction

Today we will

* Managing passwords with KeePassX :keepassx:passwords:
```

--:--- 06-keepassx-dropbox.org 1% (16,0) [(Org yas Spc Fill)] 9:59AM 0.97



Make sure to save your KeePassX database. You will see the lock file in dropbox disappear and dropbox will notify you.