



BRIAN MENDONCA

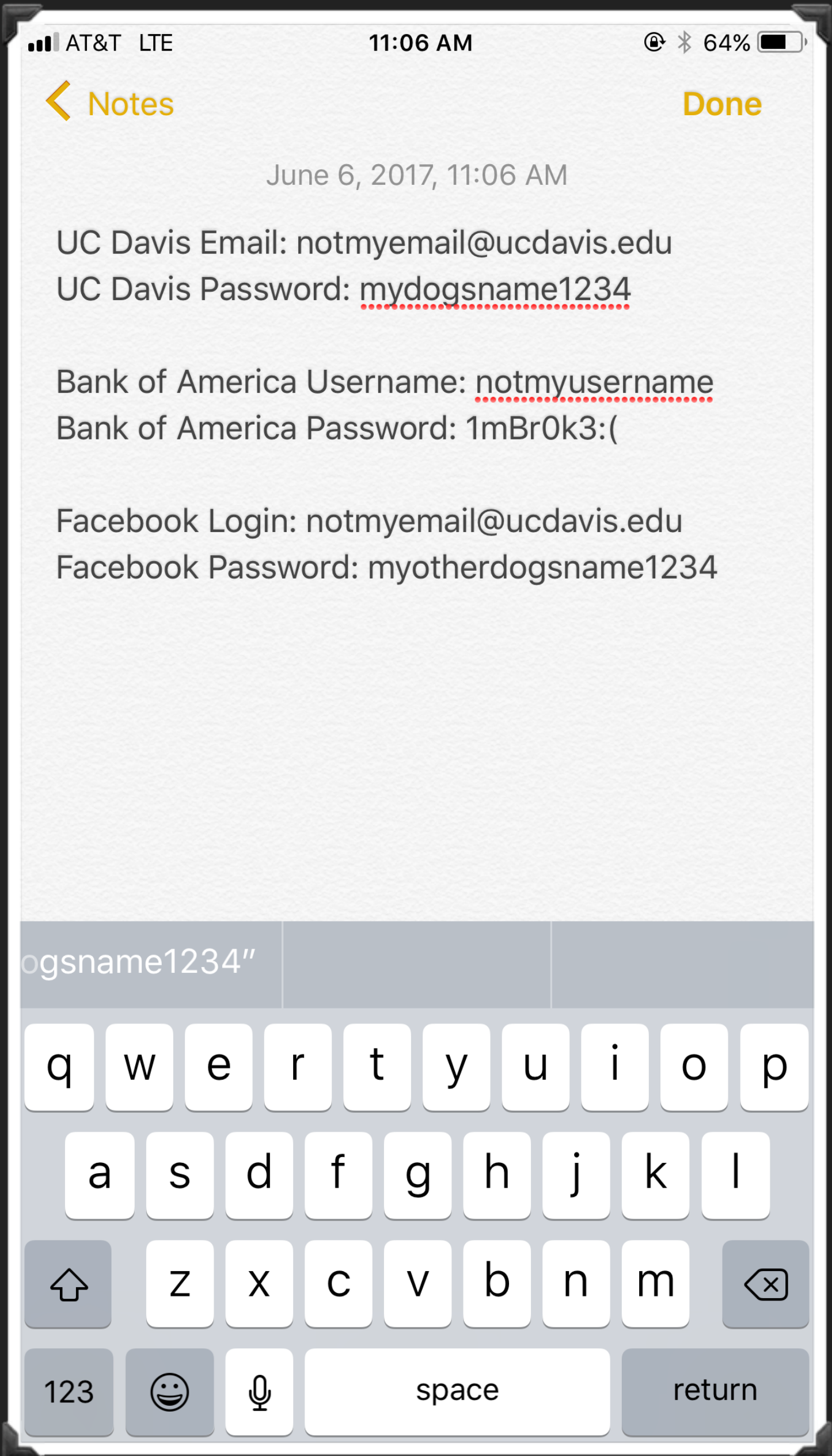
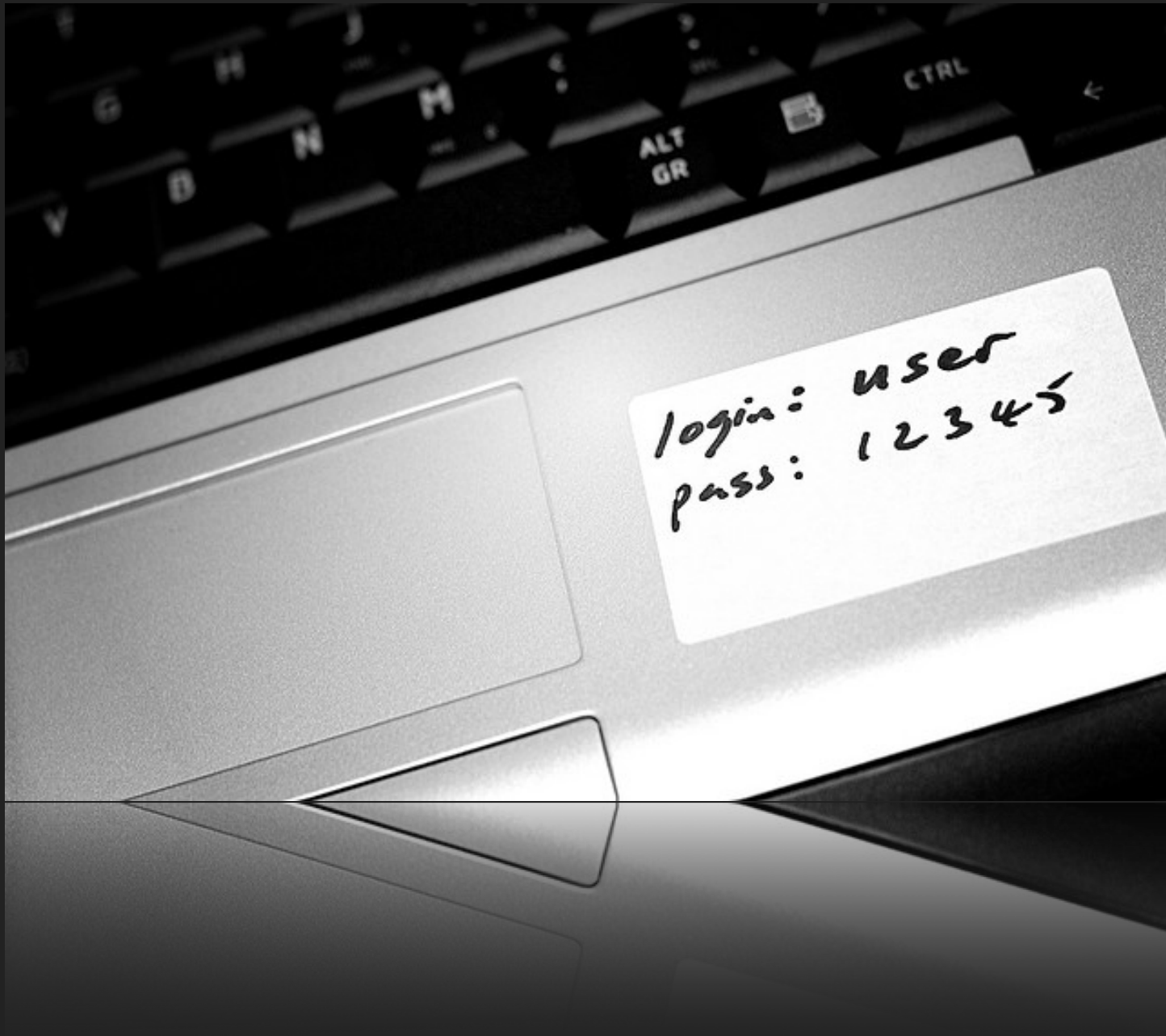
# KEEPPASS TUTORIAL

# WHAT IS A PASSWORD MANAGER?

- ▶ Password managers do as titled; manage your passwords
- ▶ What separates them apart from other methods of storing passwords is their encryption and their ease of use.

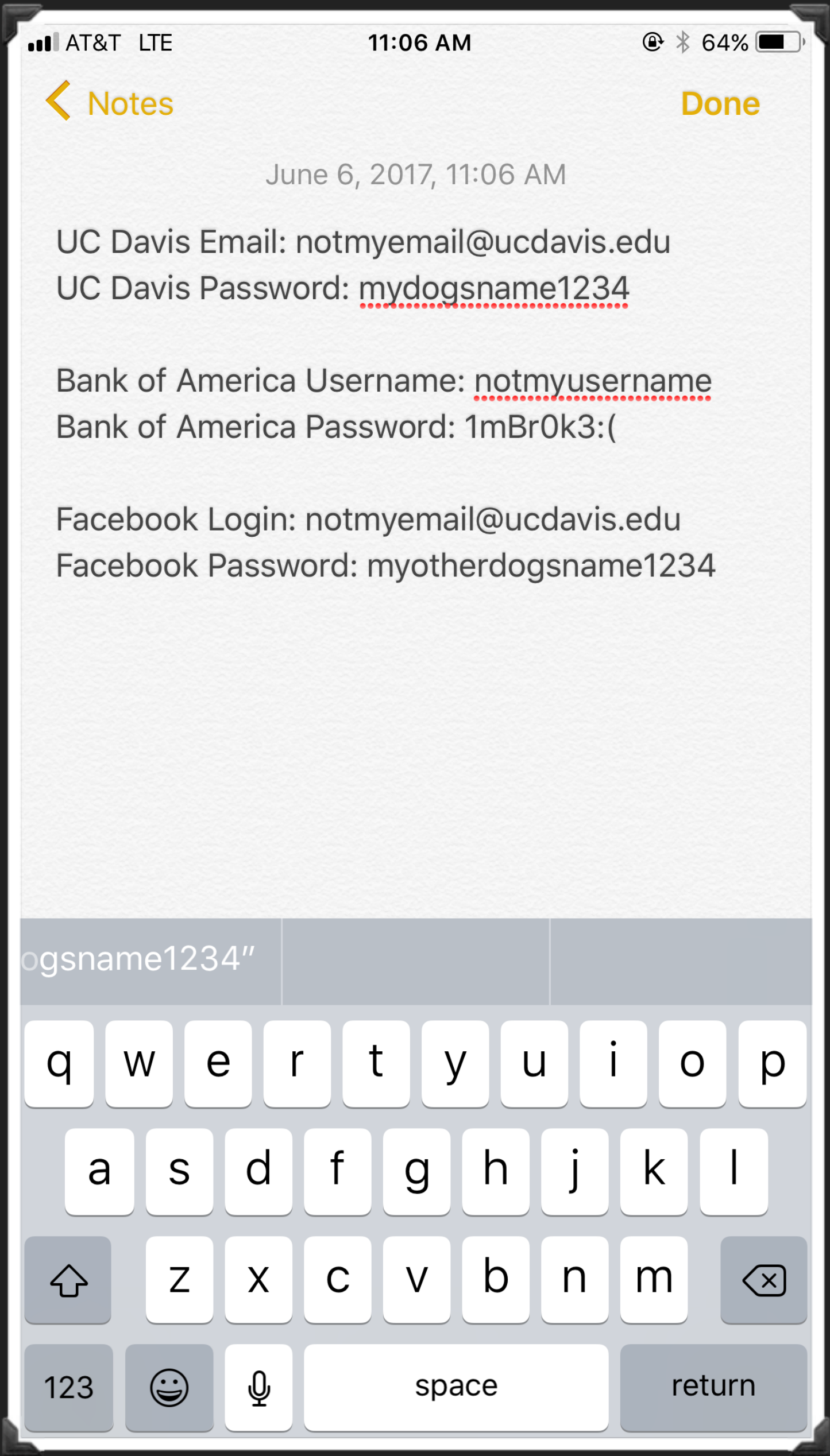


# COMMON METHODS OF STORING PASSWORDS





# WHAT'S WRONG WITH THESE 3 METHODS?





# WHY KEEPASS?





EVERYONE IN THE WORLD CAN LOOK AT THE SOURCE CODE OF THIS PROGRAM AND CAN CONTRIBUTE TO MAKE IT MORE SECURE.

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# OPEN SOURCE



YOUR PASSWORDS ARE ONLY WHERE YOU PUT THEM. YOU DON'T NEED TO WORRY ABOUT A COMPANY GETTING HACKED AND/OR REVEALING YOUR INFORMATION TO THIRD PARTIES.

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**NON-CLOUD BASED**



Data and computer security

# LastPass warns users to exercise caution while it fixes 'major' vulnerability

Password manager security flaw found by researcher from Google, prompting fears sophisticated hackers might be able to exploit it



This article is 2 months old

490

Alex Hern

@alexhern

Thursday 30 March 2017 05.15 EDT



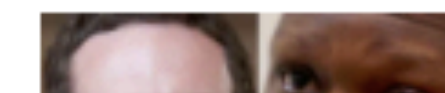
Most popular in US



India thrash Bangladesh to reach ICC Champions Trophy final - as it happened



Australian PM Malcolm Turnbull mimics Trump in humorous speech to press ball



She was a crack addict. He was a rising political





DUE TO BEING OPEN SOURCED, IT IS ALSO FREE TO  
USE ON MANY OPERATING SYSTEMS

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**FREE FOR ALL**

**KEEPASS CONTAINER:  
A SINGLE FILE THAT HOLDS ALL OF  
YOUR USERNAMES AND PASSWORDS**



**MASTER KEY:**  
**A SINGLE PASSWORD THAT LETS YOU**  
**OPEN UP YOUR KEEPASS CONTAINER**  
**SO YOU CAN GET TO YOUR OTHER**  
**USERNAMES AND PASSWORDS.**

# KEEPASS ENCRYPTS ALL OF YOUR PASSWORDS WITH HIGH LEVEL ENCRYPTION

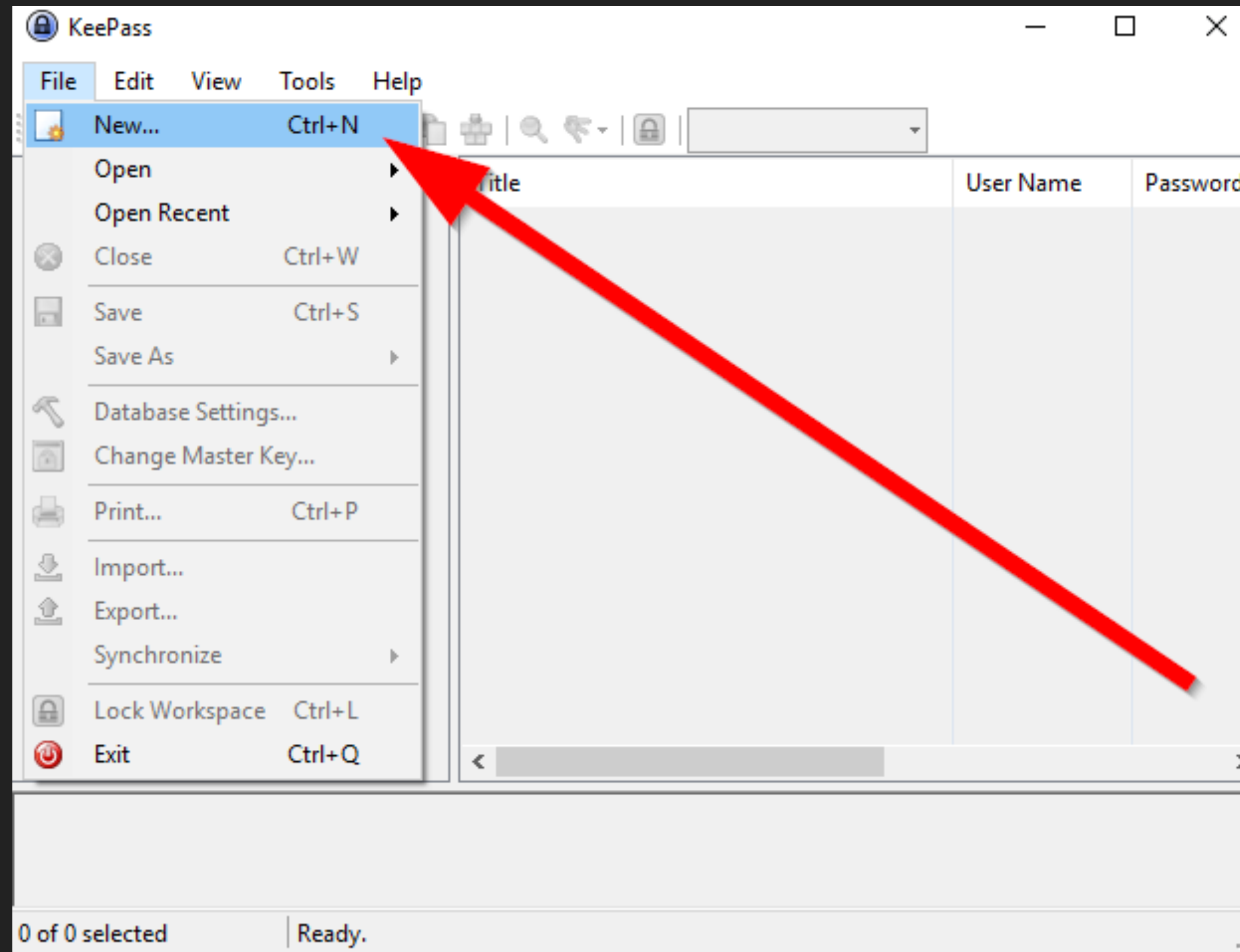
- ▶ As long as you have a strong Master Key that you don't use anywhere else, you'll be very secure.
- ▶ AES-256 Encryption Algorithm
- ▶ As always, use a long passphrase with upper/lowercase letters, symbols, numbers, and spaces to create the best possible Master Key.



# GETTING STARTED

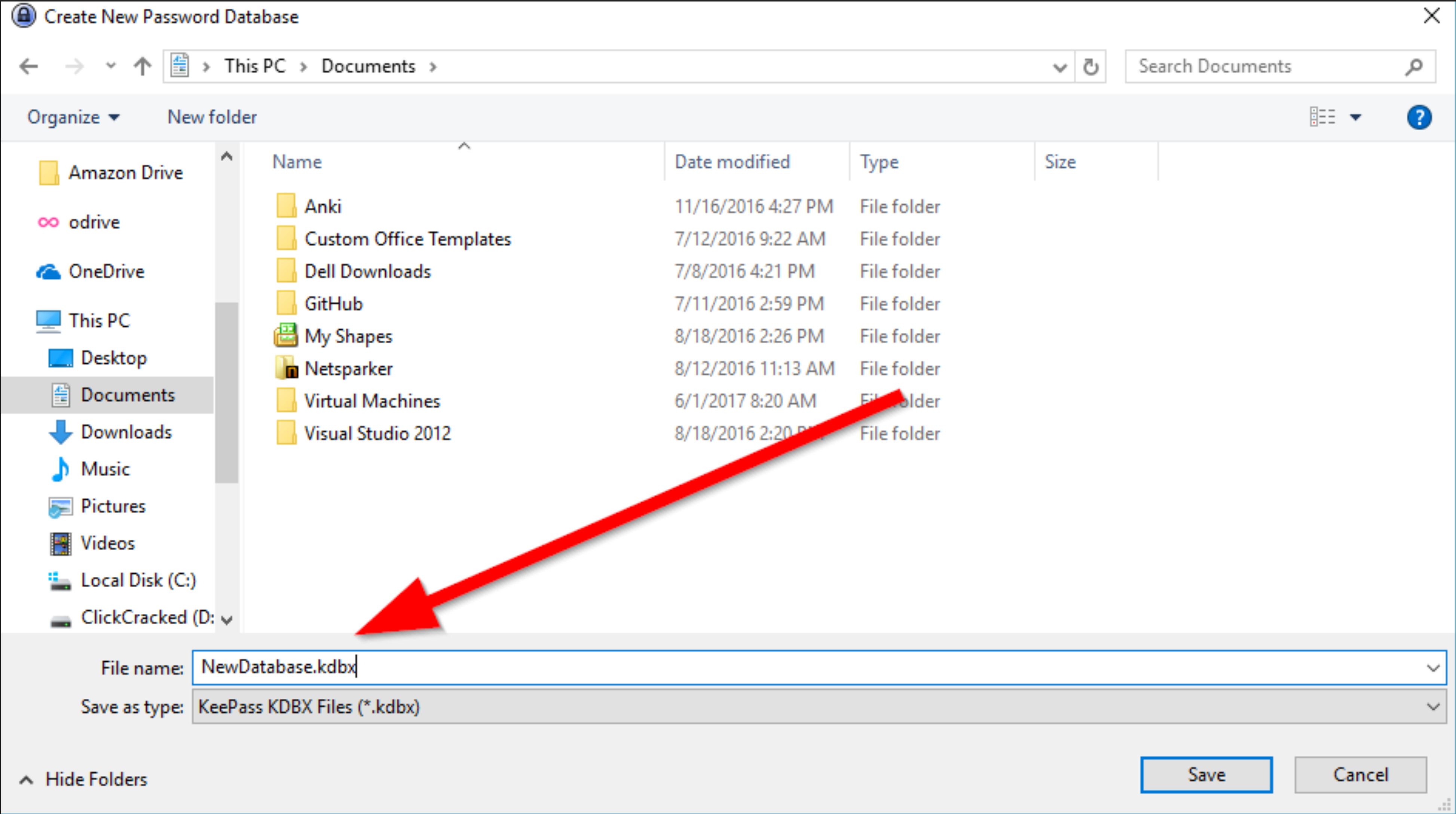


# POST INSTALLATION OF KEEPASS





# CREATING A NEW KEEPASS CONTAINER



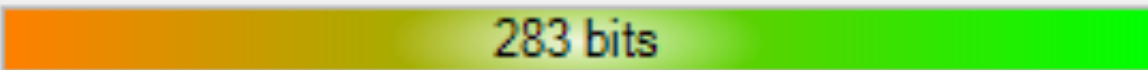
## CREATING A NEW KEEPASS CONTAINER

Create Composite Master Key

C:\Users\Brian Mendonca\Documents\NewDatabase.kdbx

Specify the composite master key, which will be used to encrypt the database.  
A composite master key consists of one or more of the following key sources. All sources you specify will be required to open the database. If you lose one source, you will not be able to open the database.


☒ **Master password:**

Estimated quality:  283 bits 72 ch.

☐ **Key file / provider:** (None)

Create a new key file or browse your disks for an existing one. If you have installed a key provider plugin, it is also listed in this combo box.


☐ **Windows user account**  
This source uses data of the current Windows user. This data does not change when the Windows account password changes.

 If the Windows account is lost, it will not be enough to create a new account with the same user name and password. A complete backup of the user account is required. Creating and restoring such a backup is not a simple task. If you don't know how to do this, don't enable this option.



# CREATING A NEW KEEPASS CONTAINER (YOU CAN SKIP THIS STEP)

Create New Password Database - Step 2

 **Database Settings**  
Here you can configure various database settings.

General Security Compression Recycle Bin Advanced

Database name:

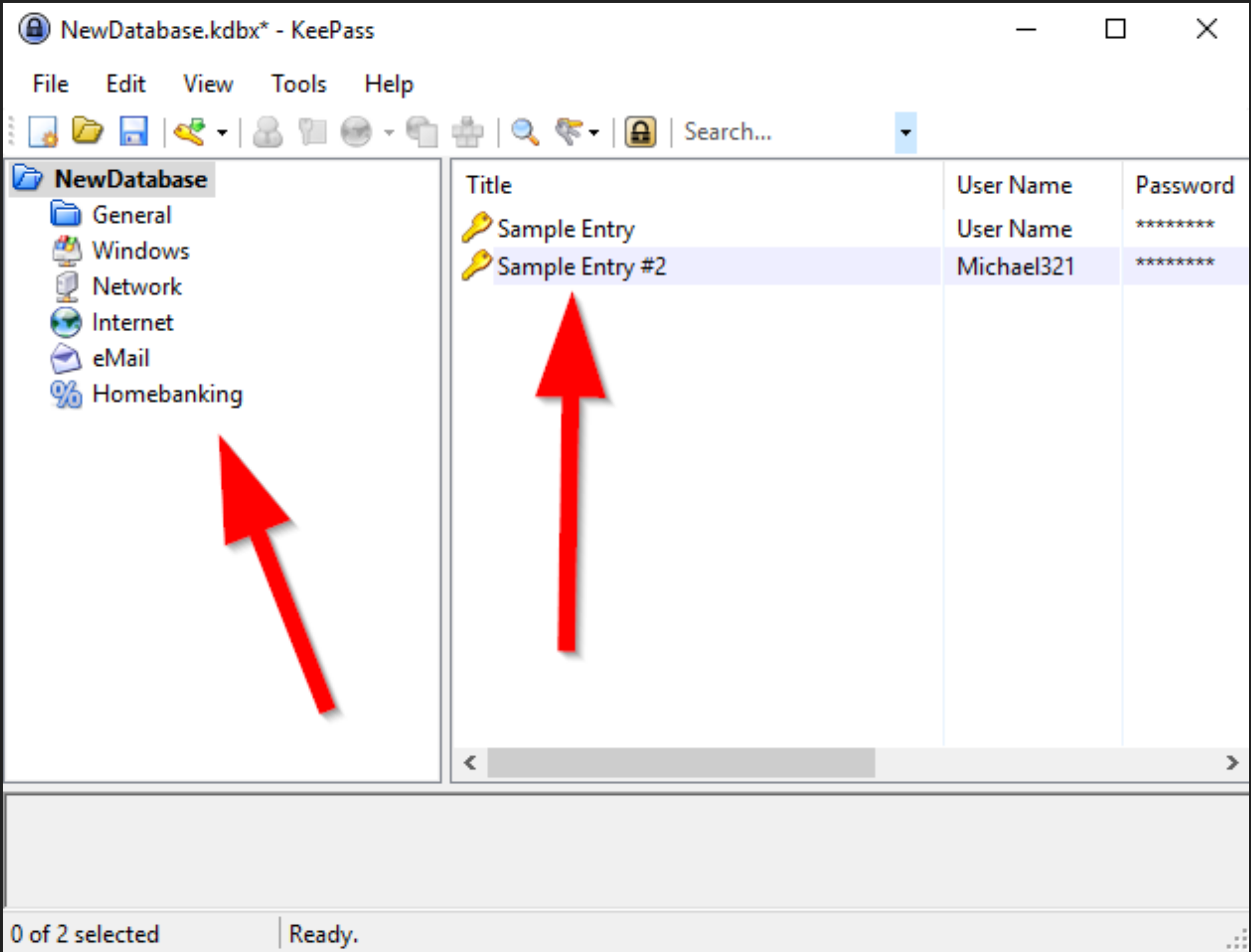
Database description:

Default user name for new entries:

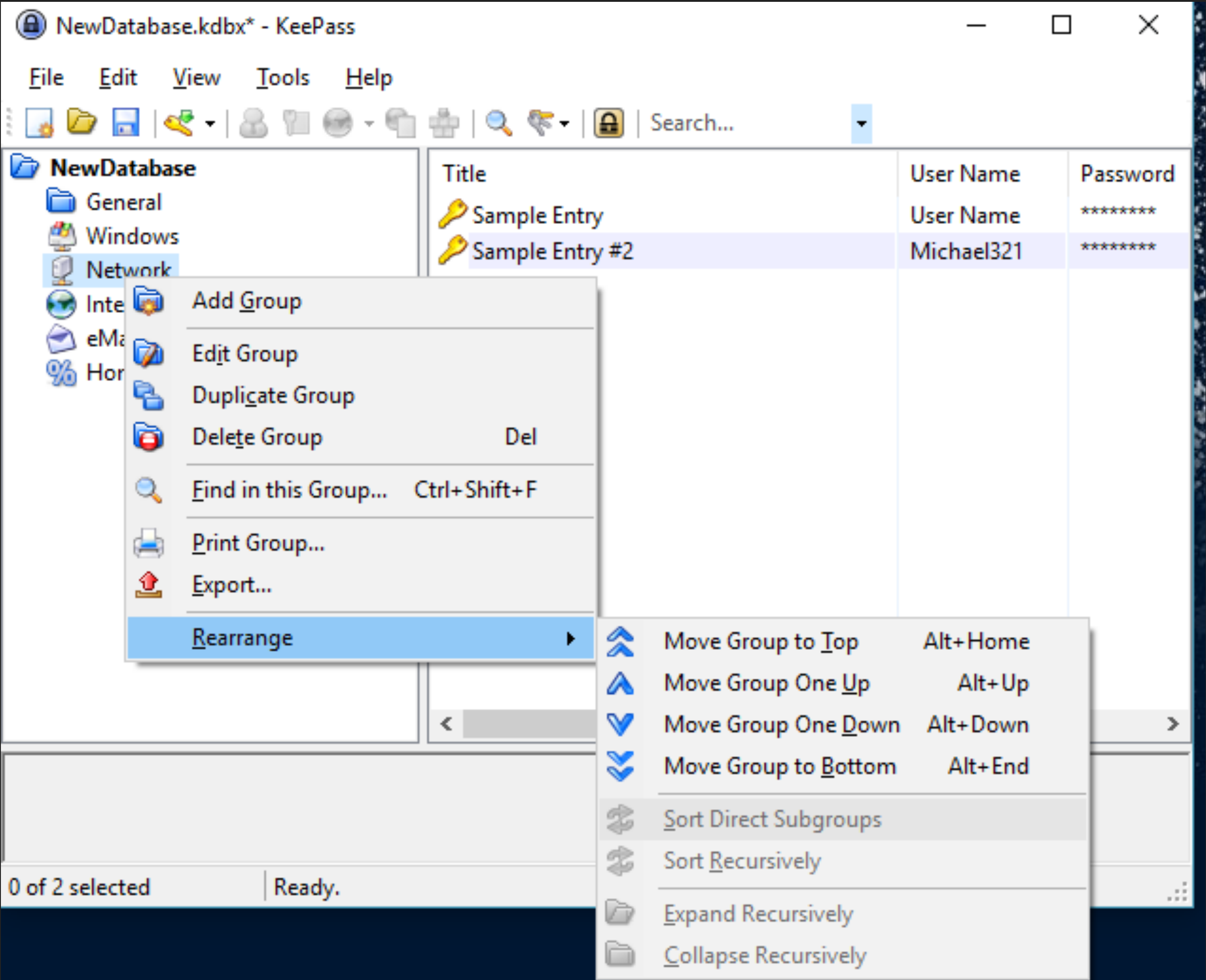
☐ Custom database color:

Help OK Cancel

FOLDERS TO ORGANIZE YOUR PASSWORDS (LEFT). PASSWORDS (RIGHT)




# REARRANGING FOLDERS OF PASSWORDS





Add Entry



Add Entry

Create a new entry.

Entry

Advanced

Properties


Auto-Type

History

Title:

UC Davis Kerberos Login


Icon:




User name:

brianmen

Password:



Repeat:



Quality:

283 bits

72 ch.


URL:


Notes:

For UC Davis Login Pages

☐ Expires:

6/ 7/2017 12:00:00 AM





 Tools

OK

Cancel

ADDING YOUR PASSWORDS TO  
KEEPASS

# KEEPASS: TUTORIAL

NewDatabase.kdbx\* - KeePass

File Edit View Tools Help

NewDatabase

General

Windows

Network

Internet

eMail

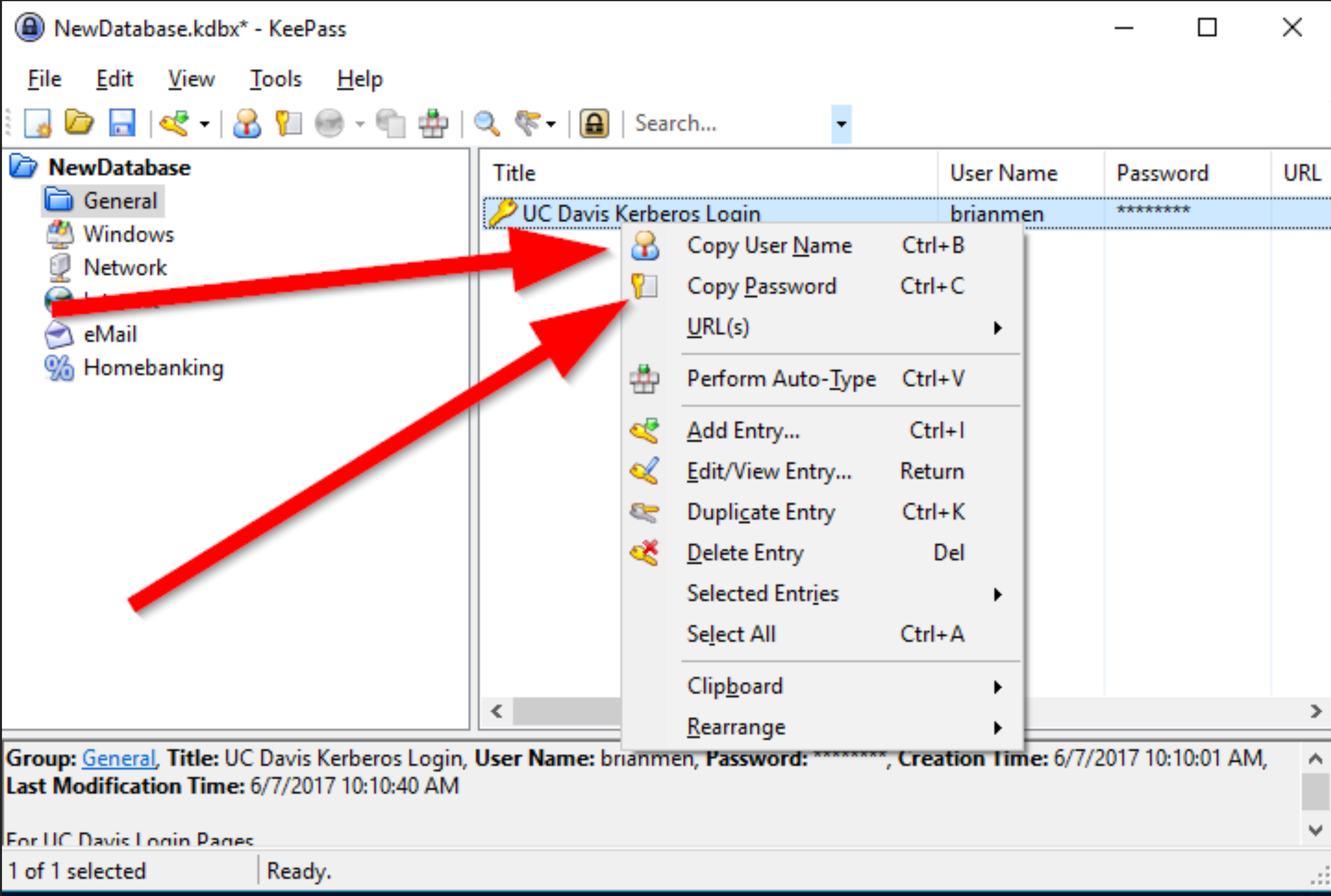
Homebanking

Title	User Name	Password	URL
UC Davis Kerberos Login	brianmen	*****	

Group: General, Title: UC Davis Kerberos Login, User Name: brianmen, Password: \*\*\*\*\*, Creation Time: 6/7/2017 10:10:01 AM, Last Modification Time: 6/7/2017 10:10:40 AM

For UC Davis Login Pages

1 of 1 selected | Ready.



# USING YOUR CREDENTIALS





# KEEPASS: TUTORIAL

NewDatabase.kdbx\* - KeePass

File Edit View Tools Help

NewDatabase

General

Windows

Network

Internet

eMail

Homebanking

Title	User Name	Password	URL
UC Davis Kerberos Login	brianmen	*****	

Group: General, Title: UC Davis Kerberos Login, User Name: brianmen, Password: \*\*\*\*\*

Creation Time: 6/7/2017 10:10:01 AM, Last Modification Time: 6/7/2017 10:10:40 AM

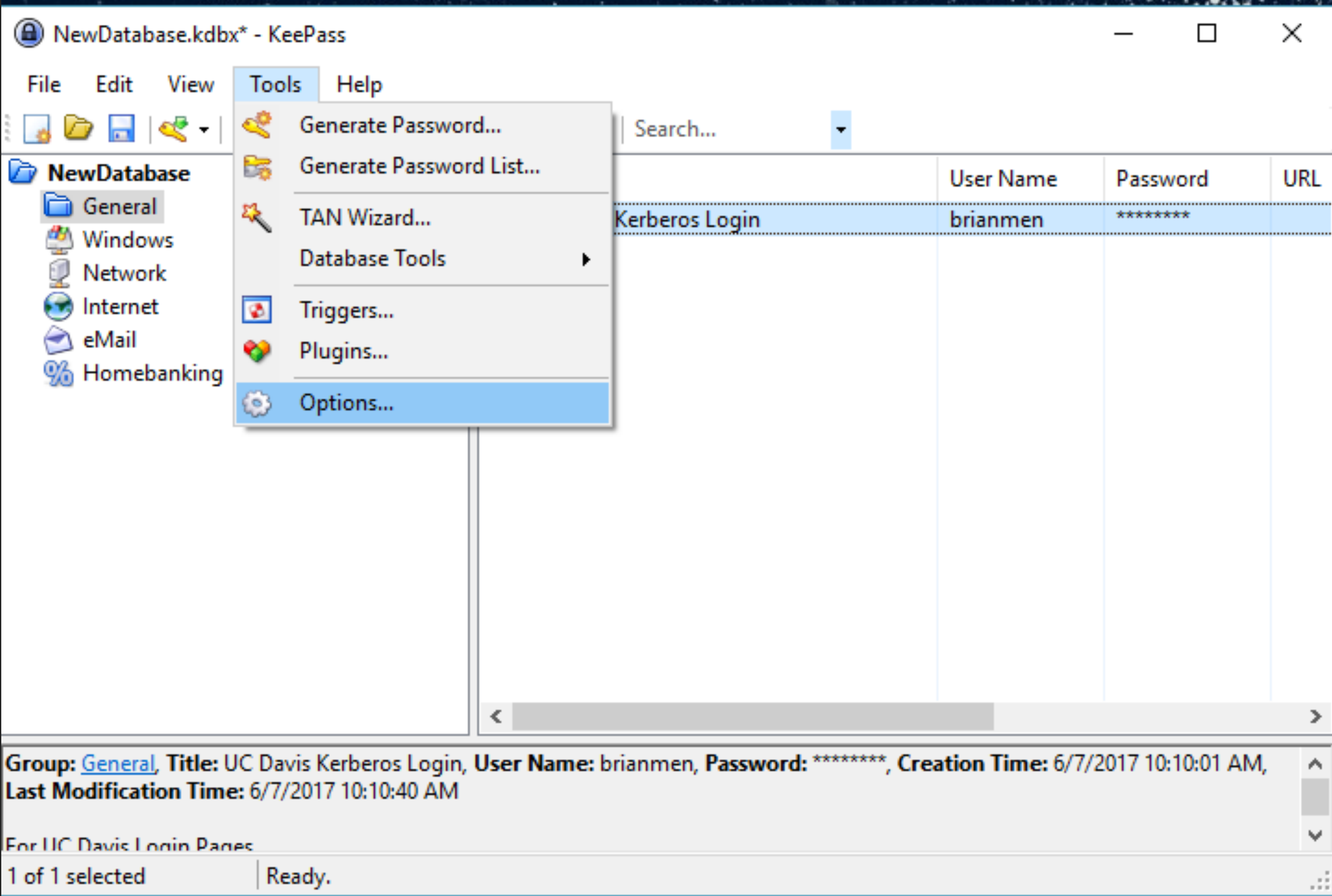
For UC Davis Login Pages

1 of 1 selected | Data copied to clipboard. Clipboard will be cleared in 12 seconds.

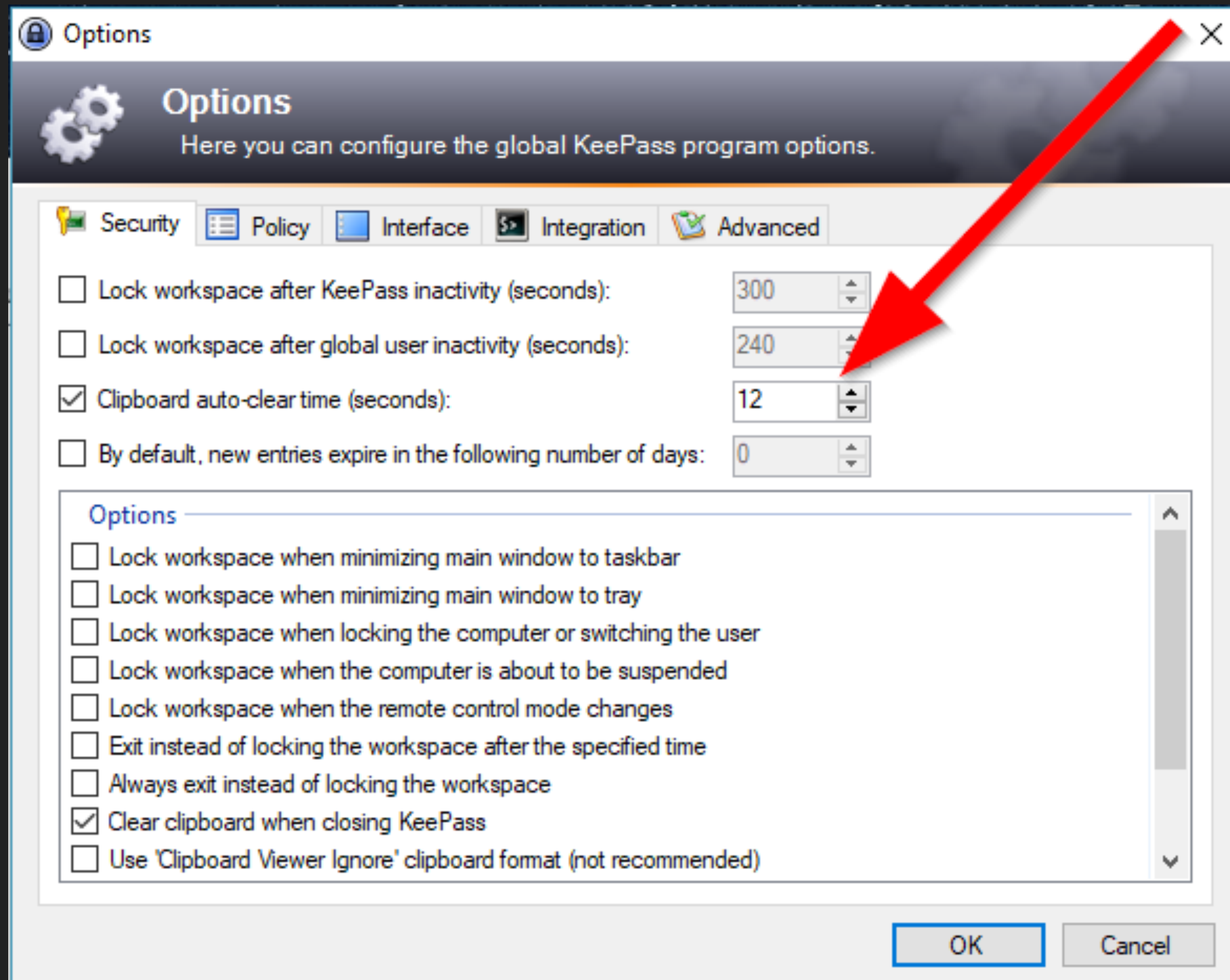
CLIPBOARD CLEARS IN  
12 SECONDS OR  
CLOSING KEEPPASS



YOU CAN CHANGE THE CLIPBOARD ERASE TIME IN THE KEEPASS OPTIONS



# YOU CAN CHANGE THE CLIPBOARD ERASE TIME IN THE KEEPPASS OPTIONS





# KEEPASS VERSIONS



- ▶ WINDOWS
- ▶ MAC OS X
- ▶ IPHONE IOS
- ▶ ANDROID OS
- ▶ LINUX

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# KEEPASS APPS



## KeePassXC

### KeePass Cross-Platform Community Edition

The thing computers can do best is storing information.

You shouldn't waste your time trying to remember and type your passwords.

KeePassXC can store your passwords safely and auto-type them into your everyday websites and applications.

[Download for Mac](#)[Learn More](#)[Donate on Flattr](#)





Apps

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Account

Redeem

Buy gift card

My wishlist

My Play activity

Parent Guide



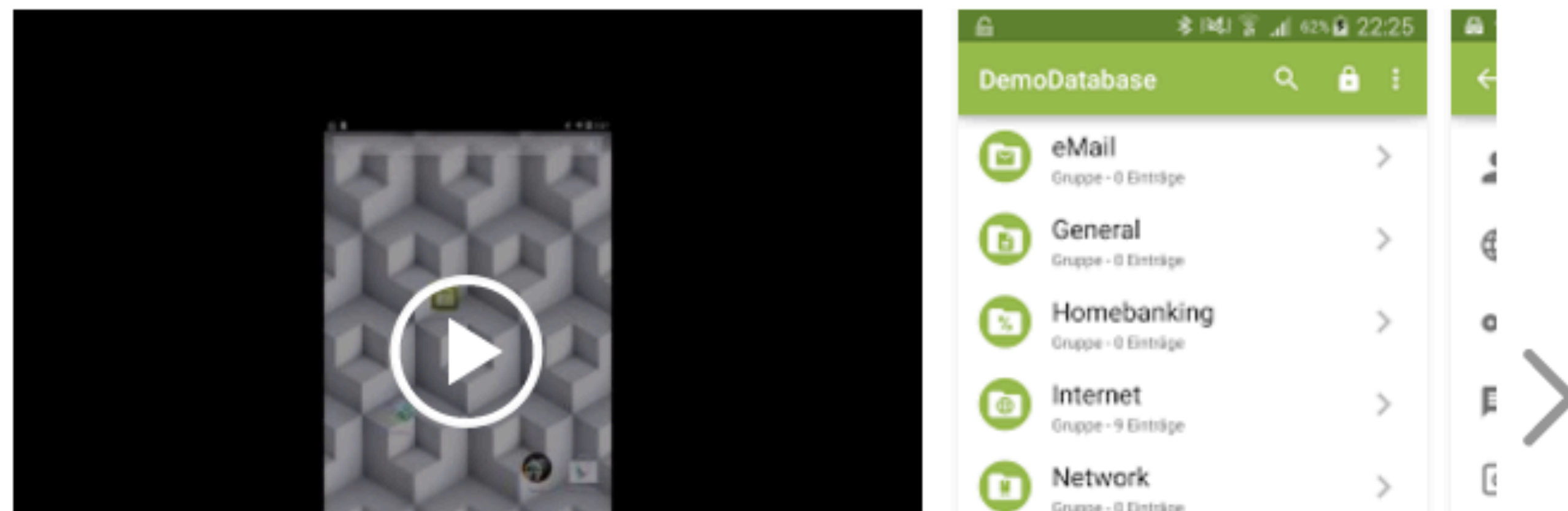
# Keepass2Android Password Safe

Philipp Crocoll (Croco Apps) Tools

★★★★★ 16,948

 Everyone This app is compatible with your device. Add to Wishlist

Install



# KEEPASS2ANDROID SAMPLE



Eintrag bearbeiten

Name  
Sample Entry

Benutzername  
User Name

password  
.....


Webadresse  
http://keepass.info/

Notiz  
Notes

+ ZUSÄTZLICHES FELD HINZUFÜGEN

+ DATEIANHANG HINZUFÜGEN...

tag1, tag2

MaciPadiPhoneWatchTVMusicSupport


iTunes Preview

OverviewMusicVideoCharts

MiniKeePass — Secure Password Manager

By Flush Software, LLC

Open iTunes to buy and download apps.



View in iTunes

This app is designed for both iPhone and iPad

Free

Category: [Utilities](#)

Updated: Apr 26, 2016

Version: 1.6.3

Size: 2.2 MB

Languages: English, Dutch, French, German, Italian,

View More by This Developer

Flush Software, LLC Web Site ▶ MiniKeePass — Secure Password Manager Support ▶ ...More

Description

MiniKeePass provides secure password storage on your iOS device that's compatible with KeePass.

– View, Edit, and Create KeePass 1.x and 2.x files

What's New in Version 1.6.3

Bug Fixes and Translations

Screenshots

iPhone | iPad

Carrier 6:45 AM

Files Edit

Databases

Home.kdb  
Last Modified: 6/3/15, 6:45 AM

School.kdb  
Last Modified: 6/3/15, 6:45 AM

Carrier 6:46 AM

< Home General Edit

Search General

Groups

eMail

Carrier

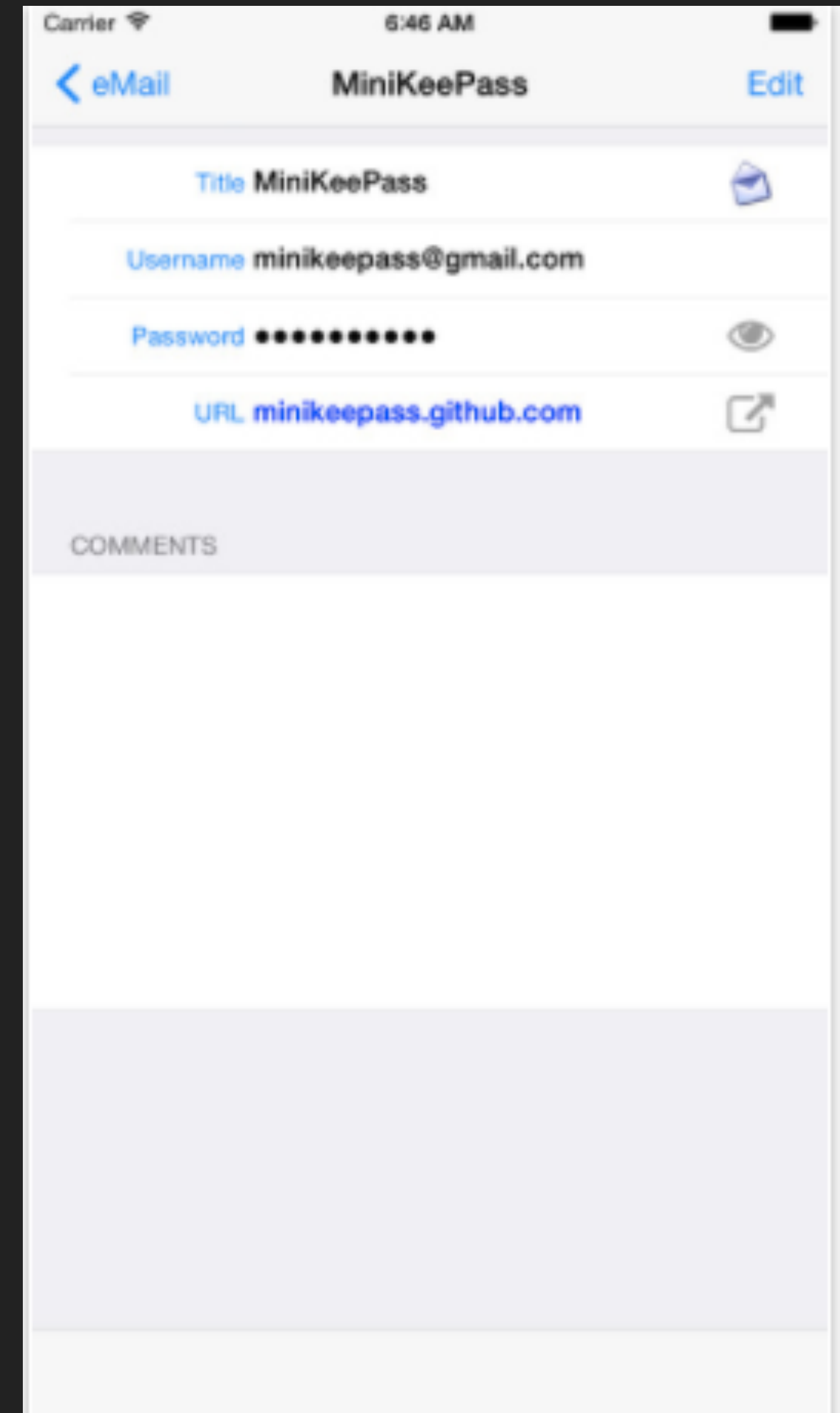
< eMail

Title MiniK

Username minik



# MINIKEEPASS SAMPLE



- ▶ **MENTIONED APPS ARE FREE**
- ▶ **THERE ARE PAID ONES AVAILABLE IF YOU WANT MORE FEATURES**
- ▶ **CONSULT [HTTP://KEEPASS.INFO/](http://keepass.info/) FOR TRUSTWORTHY APPS**

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# KEEPASS APPS





**QUESTIONS?**