

Keepass2

Main Windows Download link (Pro version) can be found here:

<http://keepass.info/download.html>

It can be installed under linux using

```
sudo add-apt-repository ppa:jtaylor/keepass
sudo apt update
sudo apt-get install keepass2 ca-certificates
```

Due to a bug with mono and Tray Icons of WinForms applications, the tray icon does not work and only displays a black square with no functionality. To fix this, the following repository and gtk tray icon plugin needs to be installed on Mint (details <https://github.com/dlech/Keebuntu#classic-tray-icon>):

```
sudo apt-add-repository ppa:dlech/keepass2-plugins
sudo apt-get update
sudo apt-get install keepass2-plugin-tray-icon
```

Plugins are compiled using mono to a native format. The plugin folder is

```
/usr/lib/keepass2/Plugins
```

Plugins under Linux

Keepass compiles plugins and requires the complete mono environment in order to do this.

```
apt-get install mono-complete
```

Once plugins are copied into the `/usr/lib/keepass2` directory, ensure to `chmod 666` the plugin file.

for the googlesync plugin, the following is required:

download sync plugin, then extract the zip from

http://sourceforge.net/projects/kp-googlesync/?source=typ_redirect

```
sudo cp GoogleSyncPlugin.plgx /usr/lib/keepass2
sudo apt-get install liblog4net1.2-cil
sudo cp /usr/lib/cli/log4net-1.2/log4net.dll /usr/lib/keepass2
sudo cp /usr/lib/mono/2.0/System.ServiceModel.Web.dll /usr/lib/keepass2
possibly also required is the import of the mozilla root certificates:
mozroots --import --sync
```

Google Drive Sync

```
apt install golang

vi ~/.bashrc
export GOPATH=$HOME/gopath
export PATH=$GOPATH:$GOPATH/bin:$PATH

source ~/.bashrc

go get -u github.com/odeke-em/drive/cmd/drive

mkdir ~/gdrive
drive init ~/gdrive
open url, log into google, authorise drive, copy and paste authorization
code.

cd ~/gdrive
drive pull Wulf.kdbx

mkdir ~/Keepass/
```

```
vi ~/Keepass/keepass_trigger_load.sh
```

```
#!/bin/bash
cd ~/gdrive
drive pull -ignore-conflict -quiet Wulf.kdbx
```

```
vi ~/keepass_trigger_save.sh:
```

```
#!/bin/bash
cp ~/Keepass/Wulf.kdbx ~/gdrive
cd ~/gdrive
drive push -ignore-conflict -quiet Wulf.kdbx

chmod 777 keepass_trigger_*.sh
```

Keepass Trigger Config "Save to Google Drive" / "Load from Google Drive". Copy the xml to clipboard, then in Keepass go to tools → triggers → tools → Paste from clipboard. Adjust the paths in the triggers.

```
<?xml version="1.0" encoding="utf-8"?>
<TriggerCollection xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Triggers>
    <Trigger>
      <Guid>DWgF+SL63U+GAsBJQXhahg==</Guid>
      <Name>Save to Google Drive</Name>
      <Comments>When the local copy is saved, the server copy will be
```

pulled and synchronized with the local copy. The local copy will then be copied to the local Google Drive folder and pushed to the server.</Comments>

```

<Events>
  <Event>
    <TypeGuid>s6j9/ngT5mqcXdW6hDqbjg==</TypeGuid>
    <Parameters>
      <Parameter>0</Parameter>
      <Parameter>/home/wuff/Keepass/Wulf.kdbx</Parameter>
    </Parameters>
  </Event>
</Events>
<Conditions />
<Actions>
  <Action>
    <TypeGuid>tkamn96US7mbrjykwfswQ6g==</TypeGuid>
    <Parameters>
      <Parameter />
      <Parameter>0</Parameter>
    </Parameters>
  </Action>
  <Action>
    <TypeGuid>2uX40wcwTB0e7y66y27kxw==</TypeGuid>
    <Parameters>
<Parameter>/home/wuff/Keepass/keepass_trigger_load.sh</Parameter>
      <Parameter />
      <Parameter>True</Parameter>
      <Parameter>0</Parameter>
      <Parameter />
    </Parameters>
  </Action>
  <Action>
    <TypeGuid>Iq135Bd4Tu2ZtFcdAr0tTQ==</TypeGuid>
    <Parameters>
      <Parameter>/home/wuff/gdrive/Wulf.kdbx</Parameter>
      <Parameter />
      <Parameter />
    </Parameters>
  </Action>
  <Action>
    <TypeGuid>2uX40wcwTB0e7y66y27kxw==</TypeGuid>
    <Parameters>
<Parameter>/home/wuff/Keepass/keepass_trigger_save.sh</Parameter>
      <Parameter />
      <Parameter>False</Parameter>
      <Parameter>0</Parameter>
      <Parameter />
    </Parameters>
  </Action>
  <Action>
    <TypeGuid>tkamn96US7mbrjykwfswQ6g==</TypeGuid>
    <Parameters>

```

```
        <Parameter />
        <Parameter>1</Parameter>
    </Parameters>
</Action>
</Actions>
</Trigger>
<Trigger>
    <Guid>P0hA77GdHU6Hy6Pwl7pf/w==</Guid>
    <Name>Load from Google Drive</Name>
    <Comments>When the local copy is opened, the server copy will be
pulled and synchronized with the local copy.</Comments>
    <Events>
        <Event>
            <TypeGuid>5f8TBow4QYm5BvaeKztApw==</TypeGuid>
            <Parameters>
                <Parameter>0</Parameter>
                <Parameter>/home/wuff/KeePass/Wulf.kdbx</Parameter>
            </Parameters>
        </Event>
    </Events>
    <Conditions />
    <Actions>
        <Action>
            <TypeGuid>tkamn96US7mbrjykwQ6g==</TypeGuid>
            <Parameters>
                <Parameter />
                <Parameter>0</Parameter>
            </Parameters>
        </Action>
        <Action>
            <TypeGuid>2uX40wcwTB0e7y66y27kxw==</TypeGuid>
            <Parameters>
<Parameter>/home/wuff/KeePass/keepass_trigger_load.sh</Parameter>
                <Parameter />
                <Parameter>True</Parameter>
                <Parameter>0</Parameter>
                <Parameter />
            </Parameters>
        </Action>
        <Action>
            <TypeGuid>Iq135Bd4Tu2ZtFcdAr0tTQ==</TypeGuid>
            <Parameters>
                <Parameter>/home/wuff/gdrive/Wulf.kdbx</Parameter>
                <Parameter />
                <Parameter />
            </Parameters>
        </Action>
        <Action>
            <TypeGuid>tkamn96US7mbrjykwQ6g==</TypeGuid>
            <Parameters>
                <Parameter />
```

```
        <Parameter>1</Parameter>
      </Parameters>
    </Action>
  </Actions>
</Trigger>
</Triggers>
</TriggerCollection>
```

Install Keepass2

Keepass2 is available in the regular debian repositories.

```
sudo apt-get install keepass2 ca-certificates-mono
```

For the Google Sync Plugin, download it from <http://keepass.info>, then extract the zip file and copy the plgx file into the keepass plugins folder:

```
sudo cp GoogleSyncPlugin.plgx /usr/lib/keepass2/Plugins/
sudo chmod 666 /usr/lib/keepass2/Plugins/GoogleSyncPlugin.plgx
```

Google Sync Plugin full install

```
cd /tmp
wget wget
https://sourceforge.net/projects/kp-goglesync/files/GoogleSyncPlugin-2.x/GoogleSyncPlugin-2.1.2.zip
unzip GoogleSyncPlugin-2.1.2.zip
unzip GoogleSyncPlugin-2.1.2.zip GoogleSyncPlugin.plgx
rm GoogleSyncPlugin-2.1.2.zip
sudo mkdir -p /usr/lib/keepass2/Plugins/
sudo mv GoogleSyncPlugin.plgx /usr/lib/keepass2/Plugins/
sudo chmod 666 /usr/lib/keepass2/Plugins/GoogleSyncPlugin.plgx

wget
http://mirror.vorboss.net/apache//logging/log4net/binaries/log4net-2.0.8-bin-newkey.zip
unzip log4net-2.0.8-bin-newkey.zip
sudo cp log4net-2.0.8/bin/mono/2.0/release/log4net.dll /usr/lib/keepass2/
sudo chown root:root /usr/lib/keepass2/log4net.dll
sudo chmod 644 /usr/lib/keepass2/log4net.dll
sudo cp /usr/lib/mono/2.0/System.ServiceModel.Web.dll /usr/lib/keepass2/
sudo chmod 644 /usr/lib/keepass2/System.ServiceModel.Web.dll
```

set google sync plugin to sync both on saving and opening

From:

<http://wuff.dyndns.org/> - **Wulf's Various Things**

Permanent link:

<http://wuff.dyndns.org/doku.php?id=config:keepass&rev=1598133665>

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