

# Mint 19.2/19.3 to 20

## Mint to 19.2 update

Upgrade applets, desklets, themes, etc Update Update Manager, restart update manager apply all updates select mint upgrade from edit menu

```
apt install p7zip-full
apt-get remove xul-ext-lightning
```

xscreensaver hack no longer supported on cinnamon:

```
apt remove --purge xscreensaver-data xscreensaver-data-extra xscreensaver-gl
xscreensaver-gl-extra cinnamon-screensaver-webkit-plugin cinnamon-
screensaver-x-plugin
```

```
reboot
```

## Mint 19.3 to 20 upgrade

```
sudo apt-get purge libflatpak0 gir1.2-flatpak-1.0
```

```
apt install mintupgrade
apt autoremove
mintupgrade check
- disable third party repos/ppas (software sources)
- downgrade foreign packages (software sources - maintenance)
```

```
sudo apt-get install kodi=2:17.6+dfsg1-1ubuntu1
sudo apt-get install init=1.51 iproute2=4.15.0-2ubuntu1.1
libopenmpt0=0.3.6-1 libopenmpt-modplug1=0.3.6-1 gir1.2-
networkmanager-1.0=1.10.6-2ubuntu1.4 gir1.2-nm-1.0=1.10.6-2ubuntu1.4
libnm0=1.10.6-2ubuntu1.4 libnm-glib4=1.10.6-2ubuntu1.4 libnm-
util2=1.10.6-2ubuntu1.4 network-manager=1.10.6-2ubuntu1.4 network-manager-
config-connectivity-ubuntu=1.10.6-2ubuntu1.4 skypeforlinux=8.59.0.77
```

```
mintupgrade download
mintupgrade upgrade
```

```
cat /etc/apt/sources.list.d/official-package-repositories.list
# Do not edit this file manually, use Software Sources instead.
```

```
deb http://packages.linuxmint.com ulyana main upstream import backport
#id:linuxmint_main
```

```
deb http://archive.ubuntu.com/ubuntu focal main restricted universe
multiverse
deb http://archive.ubuntu.com/ubuntu focal-updates main restricted universe
multiverse
deb http://archive.ubuntu.com/ubuntu focal-backports main restricted
universe multiverse

deb http://security.ubuntu.com/ubuntu/ focal-security main restricted
universe multiverse
deb http://archive.canonical.com/ubuntu/ focal partner
```

**REMOVE:**

```
sudo apt-get remove tomboy memtest86+* python3-tinycss* indicator-
application grub2-theme-mint*
sudo apt-get remove xplayer-common* xplayer* xplayer-dbg* xplayer-plugins*
gir1.2-xplayer-1.0* gir1.2-xplayer-plparser-1.0* libxplayer-plparser18*
libxplayer0*
sudo apt-get remove linux-generic-hwe-18.04-edge* linux-image-generic-
hwe-18.04-edge*
sudo apt-get remove linux-headers-generic-hwe-18.04-edge* linux-hwe-5.4-
headers-5.4.0-40* linux-hwe-5.4-headers-5.4.0-42*

sudo apt-get remove libcec4* libcrossguid0* libdvdread4* libfluidsynth1*
libfstcmp0* libgit2-26*
sudo apt-get remove libgssdp-1.0-3* libgupnp-1.0-4* libhttp-parser2.7.1*
libjs-iscroll* libjs-jquery*
sudo apt-get remove liblinear3* liblivemedia62* libmicrodns0*
libmicrohttpd12*
sudo apt-get remove libmono-system-runtime-interopservices-
runtimeinformation4.0-cil* libnfs11* libp8-platform2*
sudo apt-get remove libpcrecpp0v5* libplacebo4* libprotobuf-lite10*
libshairplay0* libtinyclang2.6.2v5* libupnp6*
sudo apt-get remove mint-backgrounds-tricia* mono-jay* python-bluez* python-
simplejson* x11vnc-data*
```

**INSTALL:**

```
sudo apt-get install python-tinycss2-common python3-tinycss2 python3-
webencodings
sudo apt-get install neofetch ffmpegthumbnailer amd64-microcode intel-
microcode celluloid drawing gnote adwaita-icon-theme-full warpinator alsa-
topology-conf alsa-ucm-conf mesa-vdpau-drivers mesa-vulkan-drivers
cryptsetup-initramfs cryptsetup-run libreoffice-gtk3 gamemode
sudo apt-get install mint-meta-cinnamon xreader xed xviewer pix mintsytem
metacity nemo-preview mintdrivers mintupdate mintsources mintinstall
```

Apt backup in ~/Upgrade-Backup-tricia/APT

## Manual upgrade

```
sudo apt-get update
sudo apt-get upgrade
sudo apt-get dist-upgrade

#disable all other repos via sources manager
sudo apt-get update

sudo sed -i 's/bionic/focal/g' /etc/apt/sources.list.d/official-package-
repositories.list
sudo sed -i 's/tricia/ulyana/g' /etc/apt/sources.list.d/official-package-
repositories.list

#remove as above

sudo apt update
sudo apt upgrade
sudo apt upgrade --fix-missing #might be required
sudo apt-get install --fix-broken

#removal of blocking python2 packages
sudo apt-get purge python-gobject-2 python-dbus python-cairo python-crypto
python-setproctitle python-six python-xdg python-xlib

sudo apt upgrade
sudo apt dist-upgrade

#install as above

restore ppas/apt sources, update to ubuntu focal
sudo apt update
sudo apt upgrade
sudo apt dist-upgrade

sudo /usr/share/ubuntu-system-adjustments/systemd/adjust-grub-title
sudo /usr/lib/linuxmint/mintsystem/mint-adjust.py
```

## Chromium

As the official Ubuntu Chromium package is a redirect to the snap store version, the Mint team builds and packages it themselves now and it can be installed using:

```
sudo apt install chromium chromium-codecs-ffmpeg-extra
```

# MySQL Workbench

Add official repository

```
echo "deb http://repo.mysql.com/apt/ubuntu/ focal mysql-tools" | sudo tee /etc/apt/sources.list.d/mysql.list
```

Note the key error:

```
sudo apt update
```

Insert key in this command:

```
sudo apt-key adv --keyserver keyserver.ubuntu.com --recv-keys <key value>
```

Update and install MySQL

```
sudo apt update  
sudo apt install mysql-workbench-community
```

## Missing libssh link (Remmina problem)

```
sudo ln -s libssh.so.4.8.4 /usr/lib/x86_64-linux-gnu/libssh_threads.so.4
```

## VLC Crashing

Problem with 3.0.9.2 in Mint Cinnamon 20.1, if you try to close a window while you have a video playing without first stopping the playback, the window will not close and the app hangs, totally. It will not quit, close or any other exit, I have to go into the system monitor and kill the process to get rid of it.

Problem fixed in VLC 3.0.12, but not in repos as of April 2021. Unofficial PPA:

```
sudo add-apt-repository ppa:savoury1/vlc3  
sudo add-apt-repository ppa:savoury1/ffmpeg4  
sudo apt update  
sudo apt install vlc
```

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

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<http://wuff.dyndns.org/doku.php?id=linux:mint20&rev=1673062469>

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