

# LibreOffice installation

## PPA of the latest stable release

</etc/apt/sources.list.d/libreoffice-ppa-focal.list>

```
deb http://ppa.launchpad.net/libreoffice/ppa/ubuntu focal main
deb-src http://ppa.launchpad.net/libreoffice/ppa/ubuntu focal main
```

## Manual install of latest version

Linux Mint DE2 comes with LibreOffice v4.x and Linux Mint 18 comes with LibreOffice 5.x. Version 6.0 was released in January 2018. To install the latest version, a few simple steps need to be performed to uninstall the version from the repository and download and install the latest version.

Official Download Page:

[https://www.libreoffice.org/download/download/?type=deb-x86\\_64&lang=en-GB](https://www.libreoffice.org/download/download/?type=deb-x86_64&lang=en-GB)

```
sudo apt-get remove libreoffice-core uno-libs3 ure fonts-opensymbol
#for major version upgrades, remove the previous libreoffice version, e.g.:
#sudo apt-get remove libreoffice6.0*
```

On Linux Mint 19.2:

```
#sudo apt-get remove libreoffice-*
```

Bash shell script to install or update latest version:

[libupdate.sh](#)

```
#!/bin/sh
if [ $LOGNAME != "root" ]:
then
    echo "LibreOffice updaters needs to be run as root!"
    exit
fi

#get latest libreoffice version number for deb-x86_64 packages
#use head -n 2 if stable version is preferred
url=$(curl -s "https://www.libreoffice.org/download/download/" \
    | grep "option.*type=deb-x86_64&" | head -n 1 | cut -d '"' -
f 2 | tail -n 1)
#get latest libreoffice version on web
lo_ver=$(echo "$url" | sed 's/.*\([0-9]\.[0-9]\.[0-9]\).*\/1/')
```

```
#get main version number i.e 6.2 to get binary part
lo_main_ver=$(echo "$url" | sed 's/.*\([0-9]\.[0-9]\)\.[0-9].*/\1/')

#get installed binary version number
if hash libreoffice 2>/dev/null; then
    current_lo_v=$(libreoffice --version)
else
    current_lo_v=$(libreoffice$lo_main_ver --version)
fi
current_lo_ver=$(echo "$current_lo_v" | sed
's/.*\([0-9]\.[0-9]\.[0-9]\.[0-9]\).*/\1/')

#convert version numbers to integers for comparison
lomv=$(echo "$lo_ver" | sed
's/.*\([0-9]\)\.\([0-9]\)\.\([0-9]\).*/\1\2\3/')
locv=$(echo "$current_lo_ver" | sed
's/.*\([0-9]\)\.\([0-9]\)\.\([0-9]\)\.\([0-9]\).*/\1\2\3/')

#download and install only if web version greater than current version
#if main web version doesn't exist, then install new main version
if [ $lomv -gt $locv ];
then
    echo "Current LibreOffice version $current_lo_ver, upgrading to
version $lo_ver"
    cd ~/Downloads/
    wget
https://download.documentfoundation.org/libreoffice/stable/${lo_ver}/de
b/x86_64/LibreOffice_${lo_ver}_Linux_x86-64_deb.tar.gz
    # en-GB Language Pack
    wget
http://download.documentfoundation.org/libreoffice/stable/${lo_ver}/deb
/x86_64/LibreOffice_${lo_ver}_Linux_x86-64_deb_langpack_en-GB.tar.gz

    tar -xvzf LibreOffice_${lo_ver}_Linux_x86-64_deb.tar.gz
    tar -xvzf LibreOffice_${lo_ver}_Linux_x86-64_deb_langpack_en-
GB.tar.gz
    cd LibreOffice_*_Linux_x86-64_deb/DEBS
    dpkg -i *.deb
    cd ../../LibreOffice_*_Linux_x86-64_deb_langpack_en-GB/DEBS
    dpkg -i *.deb
    cd ../../

    rm -rf LibreOffice_${lo_ver}*
else
    echo "Current Version $current_lo_ver, available version $lo_ver"
    echo "No upgrade necessary"
fi
```

From:

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

Permanent link:

<http://wuff.dyndns.org/doku.php?id=config:libreoffice&rev=1596889373>

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