

Reduce Xubuntu Resources

Mentioned on DistroWatch and Debian XFCE takes up less resources

<https://distrowatch.com/weekly.php?issue=20090504#feature>

Bluesabre mentioned on IRC

<bluesabre> Yeah, Xubuntu uses more memory than Debian with Xfce because we enable more features and services

<jphilips> is there any guide to disable some of the additional features and services, to reduce the memory usage

<bluesabre> No guide currently exists, but I suppose somebody could write a simple `apt-get remove` script to bring xubuntu closer to xubuntu-core, disabling features by uninstalling them

<bluesabre> (to my knowledge anyway)

<jphilips> couldnt the features be disabled simply by not starting them?

<bluesabre> Several things add launchers to autostart or as systemd units, so there are ways to disable them

[Jonny Sherwood-Bowes comment](#)

What I would usually do is install the base system from the netinstall.iso & then run....

```
apt-get install xfce4-panel xfdesktop4 xfwm4 xfce4-notifyd xfce4-settings xfce4-session
xfce4-terminal xfce4-appfinder xfce4-power-manager thunar thunar-volman gvfs policykit-1
tango-icon-theme feh mousepad
```

[Jeene Alt comment](#) about Xubuntu core

another option is to install original version, then

```
sudo apt purge xubuntu-desktop
```

```
sudo apt autoremove --purge
```

Removed Packages: apturl-common, apturl, blueman, brlty-x11, brlty, catfish, espeak-data, espeak-ng-data, espeak, fonts-liberation2, gigolo, gimp-data, gimp, gir1.2-appindicator3-0.1, gir1.2-atspi-2.0, gir1.2-gmenu-3.0, gir1.2-nm-1.0, gnome-desktop3-data, gnome-font-viewer, gnome-menus, gnome-mines, gnome-sudoku, gnome-system-tools, gstreamer1.0-gtk3, gstreamer1.0-nice, gstreamer1.0-plugins-bad, gvfs-fuse, hddtemp, im-config, indicator-common, indicator-messages, inxi, language-selector-gnome, libabw-0.1-1, libamd2, libao-common, libao4, libbabl-0.1-0, libblas3, libboost-date-time1.71.0, libboost-filesystem1.71.0, libboost-iostreams1.71.0, libboost-locale1.71.0, libboost-thread1.71.0, libbrlapi0.7, libburn4, libcamd2, libccolamd2, libcdr-0.1-1, libcholmod3, libclucene-contribs1v5, libclucene-core1v5, libcmis-0.5-5v5, libcolamd2, libcurl4, libdc1394-22, libdca0, libde265-0, libdee-1.0-4, libdotconf0, libdvdnav4, libdvdread7, libe-book-0.1-1, libeot0, libepubgen-0.1-1, libespeak-ng1, libespeak1, libetonyek-0.1-1, libevent-2.1-7, libexiv2-27, libexo-1-0, libexttextcat-2.0-0, libexttextcat-data, libfaad2, libfarstream-0.2-5, libfluidsynth2, libfreehand-0.1-1, libgadu3, libgee-0.8-2, libgegl-0.4-0, libgegl-common, libgexiv2-2, libgfortran5, libgimp2.0, libgnome-desktop-3-19, libgnome-games-support-1-3, libgnome-games-support-common, libgnome-menu-3-0, libgpgmepp6, libgssdp-1.2-0, libgstreamer-plugins-bad1.0-0, libgtksourceview-3.0-1, libgtksourceview-3.0-common, libgtksPELL0, libgupnp-1.2-0, libgupnp-igd-1.0-4, libheif1, libilmbase24, libisofs6, libjte2, libjuh-java, libjurt-java, libkate1, liblangtag-common, liblangtag1, liblapack3, libmeanwhile1, libmessaging-menu0, libmetis5, libmhash2, libminiupnpc17, libmjpegutils-2.1-0, libmms0, libmng2, libmodplug1, libmpcdec6, libmpeg2encpp-2.1-0, libmplex2-2.1-0,

libmspub-0.1-1, libmwaw-0.3-3, libmypaint-1.3-0, libmypaint-common, libmythes-1.2-0, libnatpmp1, libneon27-gnutls, libnice10, libodfgen-0.1-1, libofa0, liboobs-1-5, libopenal-data, libopenal1, libopenexr24, liborcus-0.15-0, libotr5, libpagemaker-0.0-0, libpcaudio0, libpcrc2-32-0, libportaudio2, libprotobuf-c1, libpurple-bin, libpurple0, libqqwing2v5, libquadmath0, libraptor2-0, librasqal3, libraw19, librdf0, libreoffice-base-core, libreoffice-calc, libreoffice-common, libreoffice-core, libreoffice-draw, libreoffice-gnome, libreoffice-gtk3, libreoffice-impress, libreoffice-math, libreoffice-style-colibre, libreoffice-style-elementary, libreoffice-style-tango, libreoffice-writer, libvenge-0.0-0, libridl-java, libsrc1, libstdl2-2.0-0, libsndio7.0, libsonic0, libsoundtouch1, libspandsp2, libspeechd2, libstr1, libstrtp2-1, libsuitesparseconfig5, libumfpack5, libunique-1.0-0, libunity-protocol-private0, libunity-scopes-json-def-desktop, libunity9, libuno-cppu3, libuno-cppuhelpergcc3-3, libuno-purpenvhelpergcc3-3, libuno-sal3, libuno-salhelpergcc3-3, libunoloader-java, libusrctp1, libvisio-0.1-1, libvo-aacenc0, libvo-amrwbenc0, libwildmidi2, libwmf0.2-7, libwpd-0.10-10, libwpg-0.3-3, libwps-0.4-4, libxmlsec1-nss, libxmlsec1, libyajl2, libzbar0, libzephyr4, lightdm-gtk-greeter-settings, lp-solve, mate-calc-common, mate-calc, menulibre, mousepad, onboard-common, onboard-data, onboard, parole, pastebinit, pidgin-data, pidgin-otr, pidgin, pulseaudio-module-bluetooth, python3-gi-cairo, python3-psutil, python3-uno, python3-xcffib, ristretto, sgt-launcher, sgt-puzzles, simple-scan, sound-icons, speech-dispatcher-audio-plugins, speech-dispatcher-espeak-ng, speech-dispatcher, system-tools-backends, thunderbird, timgm6mb-soundfont, transmission-common, transmission-gtk, tree, uno-libs-private, ure, whoopsie, xbrlapi, xcursor-themes, xfburn, xfce4-cpugraph-plugin, xfce4-dict, xfce4-mailwatch-plugin, xfce4-netload-plugin, xfce4-notes-plugin, xfce4-notes, xfce4-panel-profiles, xfce4-places-plugin, xfce4-systemload-plugin, xfce4-taskmanager, xfce4-verve-plugin, xfce4-weather-plugin, xfce4-xkb-plugin, xfburn-switch, xubuntu-desktop

Packages Removed and available in Core: libgcc1, ubuntu-advantage-pro

Packages Not Removed and not available in Core: apport-gtk, appstream, apt-config-icons, aptdaemon-data, aptdaemon, atril-common, atril, avahi-utils, bluez-obexd, cheese-common, cups-pk-helper, engrampa-common, engrampa, firefox-locale-en, firefox, fonts-mathjax, fonts-noto-cjk, gdb, gdbserver, gir1.2-cheese-3.0, gir1.2-clutter-1.0, gir1.2-cogl-1.0, gir1.2-coglpango-1.0, gir1.2-gst-plugins-base-1.0, gir1.2-gstreamer-1.0, gir1.2-gtkclutter-1.0, gir1.2-javascriptcoregtk-4.0, gir1.2-json-1.0, gir1.2-notify-0.7, gir1.2-polkit-1.0, gir1.2-secret-1, gir1.2-soup-2.4, gir1.2-vte-2.91, gir1.2-webkit2-4.0, gir1.2-wnck-3.0, gnome-software-common, gnome-software-plugin-snap, gnome-software, gstreamer1.0-libav, gstreamer1.0-tools, gvfs-backends, i965-va-driver, intel-media-va-driver, ippusbxd, language-pack-en-base, language-pack-en, language-pack-gnome-en-base, language-pack-gnome-en, libaacs0, libaom0, libappstream-glib8, libass9, libatrildocument3, libatrilview3, libavcodec58, libavfilter7, libavformat58, libavutil56, libbabeltrace1, libbdplus0, libbluray2, libbs2b0, libcb-dbg, libcaja-extension1, libcc1-0, libcdio-cdda2, libcdio-paranoia2, libcdio18, libcheese8, libchromaprint1, libclutter-1.0-0, libclutter-1.0-common, libclutter-gst-3.0-0, libclutter-gtk-1.0-0, libcodec2-0.9, libcogl-common, libcogl-pango20, libcogl-path20, libcogl20, libdjvulibre-text, libdjvulibre21, libdw1, libfftw3-double3, libflite1, libgdata-common, libgdata22, libgme0, libgsm1, libgspell-1-2, libgspell-1-common, libgxps2, libical3, libigdgmm11, libjs-mathjax, libkpathsea6, libldb2, liblilv-0-0, libmaxminddb0, libmtp-common, libmtp-runtime, libmtp9, libmysofa1, libnfs13, libnorm1, libopenmpt0, libpgm-5.2-0, libpostproc55, librubberband2, libserd-0-0, libshine3, libsmbclient, libsnappy1v5, libsord-0-0, libspectre1, libstratom-0-0, libssh-gcrypt-4, libswresample3, libswscale5, libsynctex2, libtagc0, libtalloc2, libtevent0, libva-drm2, libva-x11-2, libva2, libvdpau1, libvidstab1.1, libwbclient0, libwhoopsie-preferences0, libwhoopsie0, libx264-155, libx265-179, libxvidcore4, libzmq5, libzvbi-common, libzvbi0, lm-sensors, mesa-utils, mesa-va-drivers, mesa-vdpau-drivers, mlocate, mugshot, network-manager-pptp-gnome, ocl-icd-libopencl1, p7zip-full, p7zip, patch, python3-aptdaemon.gtk3widgets, python3-aptdaemon, python3-cairo, python3-cups, python3-cupshelpers, python3-debconf, python3-debian, python3-defer, python3-talloc, samba-libs, system-config-printer-common, system-config-printer-udev, system-config-printer, thermald, thunar-archive-plugin, thunar-media-tags-plugin, ubuntu-release-upgrader-gtk, update-manager, update-notifier-common, update-notifier, va-driver-all, vdpau-driver-all, wamerican, whoopsie-preferences, xubuntu-community-wallpapers-bionic, xubuntu-community-wallpapers, xul-ext-ubufix, zenity-common, zenity

Xubuntu Core

<http://unit193.net/xubuntu/index.html>

<https://unit193.net/xubuntu/core/pending/>

Autostart Apps not in Core

Enabled Services	Blueman Applet im-launch Print Queue Applet Update Notifier
Disabled Services	Indicator Messages Notes Onboard

Packages not in Core [19.10 Live Session]

apport-gtk appstream apt-config-icons apt-offline aptdaemon-data aptdaemon apturl-common apturl atril-common
atril avahi-utils blueman bluez-obexd brltty-x11 brltty btrfs-progs catfish cheese-common cryptsetup-initramfs
cryptsetup-run cups-pk-helper debian-archive-keyring dmraid engrampa-common engrampa espeak-data
espeak-ng-data espeak feh firefox-locale-en firefox fonts-liberation2 fonts-mathjax fonts-noto-cjk gdb gdbserver
gigolo gimp-data gimp gir1.2-appindicator3-0.1 gir1.2-atspi-2.0 gir1.2-cheese-3.0 gir1.2-clutter-1.0 gir1.2-cogl-1.0
gir1.2-coglpango-1.0 gir1.2-gmenu-3.0 gir1.2-gst-plugins-base-1.0 gir1.2-gstreamer-1.0 gir1.2-gtkclutter-1.0
gir1.2-notify-0.7 gir1.2-polkit-1.0 gir1.2-secret-1 gir1.2-wnck-3.0 gnome-desktop3-data gnome-font-viewer
gnome-menus gnome-mines gnome-software-common gnome-software-plugin-snap gnome-software gnome-sudoku
gnome-system-tools gstreamer1.0-gtk3 gstreamer1.0-libav gstreamer1.0-nice gstreamer1.0-plugins-bad
gstreamer1.0-tools gvfs-backends gvfs-fuse hddtemp i965-va-driver im-config indicator-common indicator-messages
intel-media-va-driver inxi ippusbxd jfsutils kpartx-boot kpartx language-pack-bn-base language-pack-bn
language-pack-de-base language-pack-de language-pack-en-base language-pack-en language-pack-es-base
language-pack-es language-pack-fr-base language-pack-fr language-pack-gnome-bn-base language-pack-gnome-bn
language-pack-gnome-de-base language-pack-gnome-de language-pack-gnome-en-base language-pack-gnome-en
language-pack-gnome-es-base language-pack-gnome-es language-pack-gnome-fr-base language-pack-gnome-fr
language-pack-gnome-hi-base language-pack-gnome-hi language-pack-gnome-ja-base language-pack-gnome-ja
language-pack-gnome-pt-base language-pack-gnome-pt language-pack-gnome-xh-base language-pack-gnome-xh
language-pack-gnome-zh-hans-base language-pack-gnome-zh-hans language-pack-hi-base language-pack-hi
language-pack-ja-base language-pack-ja language-pack-pt-base language-pack-pt language-pack-xh-base
language-pack-xh language-pack-zh-hans-base language-pack-zh-hans language-selector-gnome libaacs0
libabw-0.1-1 libamd2 libao-common libao4 libaom0 libappstream-glib8 libass9 libatrildocument3 libatrilview3
libavcodec58 libavfilter7 libavformat58 libavutil56 libbabeltrace1 libbabl-0.1-0 libbdplus0 libblas3 libbluray2
libboost-date-time1.67.0 libboost-filesystem1.67.0 libboost-iostreams1.67.0 libboost-locale1.67.0
libboost-system1.67.0 libboost-thread1.67.0 libbrlapi0.6 libbs2b0 libburn4 libc6-dbg libcaja-extension1 libcamd2
libccolamd2 libcdio-cdda2 libcdio-paranoia2 libcdio18 libcdr-0.1-1 libcheese8 libcholmod3 libchromaprint1

libclucene-contribs1v5 libclucene-core1v5 libclutter-1.0-0 libclutter-1.0-common libclutter-gst-3.0-0 libclutter-gtk-1.0-0
libcmis-0.5-5v5 libcodec2-0.8.1 libcogl-common libcogl-pango20 libcogl-path20 libcogl20 libcolamd2 libcurl4
libdc1394-22 libdca0 libde265-0 libdee-1.0-4 libdjvulibre-text libdjvulibre21 libdmraid1.0.0.rc16 libdotconf0 libdvdnv4
libdvddread4 libdw1 libe-book-0.1-1 libeot0 libepubgen-0.1-1 libespeak-ng1 libespeak1 libetonyek-0.1-1 libevent-2.1-6
libexiv2-14 libexo-1-0 libexttextcat-2.0-0 libexttextcat-data libfaad2 libfarstream-0.2-5 libfftw3-double3 libflite1
libfluidsynth1 libfreehand-0.1-1 libgadu3 libgdata-common libgdata22 libgee-0.8-2 libgegl-0.4-0 libgegl-common
libgexiv2-2 libgfortran5 libgif7 libgimp2.0 libgme0 libgnome-desktop-3-18 libgnome-games-support-1-3
libgnome-games-support-common libgnome-menu-3-0 libgpgmepp6 libgsm1 libgspell-1-1 libgspell-1-common
libgssdp-1.2-0 libgststreamer-plugins-bad1.0-0 libgtksourceview-3.0-1 libgtksourceview-3.0-common libgtkspell0
libgupnp-1.2-0 libgupnp-igd-1.0-4 libgxps2 libheif1 libical3 libid3tag0 libigdgmm11 libilmbase23 libimlib2 libisofs6
libjpeg-progs libjpeg9 libjs-mathjax libjte1 libkate1 libkpathsea6 liblangtag-common liblangtag1 liblapack3 libldb1
liblilv-0-0 libmeanwhile1 libmessaging-menu0 libmetis5 libmhash2 libminiupnpc17 libmjpegutils-2.1-0 libmms0
libmng2 libmodplug1 libmpcdec6 libmpeg2encpp-2.1-0 libmplex2-2.1-0 libmtp-common libmtp-runtime
libmtp9 libmwaw-0.3-3 libmypaint-1.3-0 libmypaint-common libmysofa0 libmythes-1.2-0 libnatpmp1 libneon27-gnutls
libnfs12 libnice10 libnorm1 liboauth0 libodfgen-0.1-1 libofa0 liboobs-1-5 libopenal-data libopenal1 libopenexr23
libopenjp2-7 libopenmpt0 liborcus-0.14-0 libotr5 libpagemaker-0.0-0 libpcaudio0 libpgm-5.2-0 libportaudio2
libpostproc55 libprotobuf-c1 libpurple-bin libpurple0 libpython-stdlib libpython2-stdlib libpython2.7-minimal
libpython2.7-stdlib libqqwing2v5 libraptor2-0 librasqal3 libraw19 librdf0 libreoffice-base-core libreoffice-calc
libreoffice-common libreoffice-core libreoffice-draw libreoffice-gnome libreoffice-gtk3 libreoffice-impress
libreoffice-math libreoffice-style-colibre libreoffice-style-elementary libreoffice-style-tango libreoffice-writer
librevenge-0.0-0 librubberband2 libsbcl1 libSDL1.2.debian libserd-0-0 libshine3 libsmbclient libsnappy1v5 libsndio7.0
libsonic0 libsord-0-0 libsoundtouch1 libspandsp2 libspectre1 libspeechd2 libstratom-0-0 libstr1 libstrtp2-1
libssh-gcrypt-4 libsuitesparseconfig5 libswresample3 libswscale5 libtagc0 libtevent0 libumfpack5 libunique-1.0-0
libunity-protocol-private0 libunity-scopes-json-def-desktop libunity9 libusrsctp1 libva-drm2 libva-x11-2 libva2
libvdpau1 libvidstab1.1 libvisio-0.1-1 libvo-aacenc0 libvo-amrwbenc0 libwhoopsie-preferences0 libwhoopsie0
libwildmidi2 libwmf0.2-7 libwpd-0.10-10 libwpg-0.3-3 libwps-0.4-4 libx264-155 libx265-176 libxmlsec1-nss libxmlsec1
libxvidcore4 libyajl2 libzbar0 libzephyr4 libzmq5 libzvb-common libzvb0 lightdm-gtk-greeter-settings lm-sensors
lp-solve mate-calc-common mate-calc menulibre mesa-utils mesa-va-drivers mesa-vdpau-drivers mlocate mokutil
mousepad mugshot network-manager-pptp-gnome onboard-common onboard-data onboard p7zip-full p7zip parole
pastebinit pidgin-data pidgin-libnotify pidgin-otr pidgin-pulseaudio-module-bluetooth python-defusedxml python-lzma
python-minimal python-soappy python-wstools python2-minimal python2.7-minimal python2.7 python2
python3-aptdaemon.gtk3widgets python3-aptdaemon python3-cups python3-cupshelpers python3-debian
python3-debianbts python3-defer python3-magic python3-psutil python3-pycurl python3-pysimplesoap python3-talloc
python3-uno python3-xcffib python-reiserfsprogs ristretto samba-libs sgt-launcher sgt-puzzles simple-scan
sound-icons speech-dispatcher-audio-plugins speech-dispatcher-espeak-ng speech-dispatcher
system-config-printer-common system-config-printer-udev system-config-printer system-tools-backends thermald
thin-provisioning-tools thunar-archive-plugin thunar-media-tags-plugin thunderbird timgm6mb-soundfont
transmission-common transmission-gtk tree ubiquity-slideshow-xubuntu ubuntu-release-upgrader-gtk uno-libs3
update-manager update-notifier-common update-notifier ure va-driver-all vdpau-driver-all wamerican
whoopsie-preferences whoopsie xbrlapi xcursors-themes xfburn xfce4-cpugraph-plugin xfce4-dict
xfce4-mailwatch-plugin xfce4-netload-plugin xfce4-notes-plugin xfce4-notes xfce4-panel-profiles xfce4-places-plugin
xfce4-systemload-plugin xfce4-taskmanager xfce4-verve-plugin xfce4-weather-plugin xfce4-xkb-plugin xfpanel-switch
xfsprogs xubuntu-community-wallpapers-bionic xubuntu-community-wallpapers xubuntu-desktop
xubuntu-live-settings xul-ext-ubufox yudit-common zenity-common zenity zfs-zed

Website Text

[Git](#)

Xubuntu Core

Xubuntu Core is a slimmed down version of Xubuntu that doesn't come with many of the applications, plugins, and libraries that the default Xubuntu desktop ISOs have. It essentially only ships Xfce apps (window manager, panel, file manager) and the basic look and feel of Xubuntu, so there will be no browser, email client, text editor, file search, office suite, image or media player, package or update managers, community wallpapers, etc, etc.

The obvious benefit of a Xubuntu Core ISO will be faster downloading – especially interesting for those with limited connectivity – and you can then add only what **you** want.

Since Xubuntu 14.10 Utopic, it's available as a task and metapackage. The goal of this is not to create a lightweight version of Xubuntu, but more targeted towards advanced users to give them a base to work off of. See also [Appendix A](#) of the Xubuntu docs.

Does this have anything to do with Snappy, Ubuntu Core, or Convergence?

Nope, not a dang thing.

Official Installation Method

The current official method is to download the [mini.iso](#), install, and when prompted, install the 'Xubuntu minimal installation' task. If you'd prefer to wait until after the installer finishes to install the Xubuntu core task, you can simply type `sudo apt-get install xubuntu-core^` (don't forget the caret!) and away it'll go.

Of course, if you won't have internet during installation, or don't want to mess with the mini.iso, tasks, and the Debian installer, you can install from the Xubuntu Core ISO on the [downloads page](#).