

Building Bento Trusty

Core components (Sushi) :

Ubuntu Mini Remix :

- ubuntu-minimal (meta package)
- ubuntu-standard (meta package)
- casper
- lupin-casper

Are also needed in core :

- libc-dev-bin
- libc6-dev
- linux-libc-dev

Needed in the Live and should be removed (under certain conditions) at post-install :

- ibus
- ibus-gtk
- ibus-gtk3
- libibus-1.0-0

/>\ Can't be setup for removal at post-install in Ubuntu Builder because it lacks the feature;

/>\ Would bring in 246 MB of additional disk space used. Will try without them atm;

In Ubuntu Builder, after extracting the UMR 14.04, changing the sources.list, from:

- deb http://archive.ubuntu.com/ubuntu/ trusty main restricted
- deb http://security.ubuntu.com/ubuntu/ trusty-security main restricted
- deb http://archive.ubuntu.com/ubuntu/ trusty-updates main restricted

to:

```
# See http://help.ubuntu.com/community/UpgradeNotes for how to upgrade to
# newer versions of the distribution.
deb http://archive.ubuntu.com/ubuntu trusty main restricted

## Major bug fix updates produced after the final release of the
## distribution.
deb http://archive.ubuntu.com/ubuntu trusty-updates main restricted

## N.B. software from this repository is ENTIRELY UNSUPPORTED by the Ubuntu
## team. Also, please note that software in universe WILL NOT receive any
## review or updates from the Ubuntu security team.
deb http://archive.ubuntu.com/ubuntu trusty universe
deb http://archive.ubuntu.com/ubuntu trusty-updates universe

## N.B. software from this repository is ENTIRELY UNSUPPORTED by the Ubuntu
## team, and may not be under a free licence. Please satisfy yourself as to
## your rights to use the software. Also, please note that software in
## multiverse WILL NOT receive any review or updates from the Ubuntu
## security team.
deb http://archive.ubuntu.com/ubuntu trusty multiverse
deb http://archive.ubuntu.com/ubuntu trusty-updates multiverse
```

```

## N.B. software from this repository may not have been tested as
## extensively as that contained in the main release, although it includes
## newer versions of some applications which may provide useful features.
## Also, please note that software in backports WILL NOT receive any review
## or updates from the Ubuntu security team.
# deb http://archive.ubuntu.com/ubuntu/ trusty-backports main restricted universe multiverse
# deb-src http://archive.ubuntu.com/ubuntu/ trusty-backports main restricted universe
multiverse

deb http://archive.ubuntu.com/ubuntu trusty-security main restricted
deb http://archive.ubuntu.com/ubuntu trusty-security universe
deb http://archive.ubuntu.com/ubuntu trusty-security multiverse

## Uncomment the following two lines to add software from Canonical's
## 'partner' repository.
## This software is not part of Ubuntu, but is offered by Canonical and the
## respective vendors as a service to Ubuntu users.
# deb http://archive.canonical.com/ubuntu trusty partner
# deb-src http://archive.canonical.com/ubuntu trusty partner

## This software is not part of Ubuntu, but is offered by third-party
## developers who want to ship their latest software.
# deb http://extras.ubuntu.com/ubuntu trusty main
# deb-src http://extras.ubuntu.com/ubuntu trusty main
deb http://archive.ubuntu.com/ubuntu trusty-backports universe multiverse restricted main
deb http://archive.ubuntu.com/ubuntu trusty-proposed main restricted universe multiverse

```

! \ This is the sources.list taken from my own home made Trusty Bento install. It can/should be amended to fit whatever is used in the versions officially supported, as we aim to be close to them.

! \ **From the Lubuntu 14.04.1 iso file :**

```

deb http://archive.ubuntu.com/ubuntu/ trusty main restricted universe multiverse
deb http://security.ubuntu.com/ubuntu/ trusty-security main restricted universe multiverse
deb http://archive.ubuntu.com/ubuntu/ trusty-updates main restricted universe multiverse

```

In Ubuntu Builder: now it has to be updated. Opening the chroot console and starting an «apt-get update ; apt-get dist-upgrade» command, so we are going to have a build updated to 14.04.1 + more updates if any.

Graphical environment:

Xorg plus some of the suggested packages list:

```

xorg libglide3 mesa-utils xfonts-100dpi xfonts-75dpi gpointing-device-settings
xfonts-cyrillic

```

Tool for easy build as Synaptic is needed quite soon in Ubuntu Builder and installing it's fellow # software-properties-gtk as well

```

synaptic software-properties-gtk

```

Openbox environment // to be installed

```

# Install packages for the Openbox environment setup
openbox openbox-menu sakura obconf obmenu hsetroot xsnow feh tint2 lxpanel pcmanfm
lxappearance lxappearance-obconf lxrandr libjpeg-progs

```

replacing xcompmgr with compton - see the compton config gui if it can be used

```

compton

```

```
# obsession which provides basic session management:
# Install obsession from mimas development webspaces (by compiling or better, by
# making a ppa package using the Debian build from captfnfab, as the package isn't
# yet available).
https://bitbucket.org/fabriceT/obsession
https://ftp-master.debian.org/new/obsession\_20130822-1.html
```

```
# Specific user configuration files : must be listed here after and be made
# available somewhere it can be downloaded from for packaging or making scripts
```

```
# Openbox configuration files:
```

```
autostart
menu.xml
rc.xml
environment
  d: lang/translations
  d: scripts/to start some items
Some scripts are inside /usr/local/bin
```

```
# Other configuration files:
```

```
Tint2 configuration files
PCManFM/LibFM configuration files
Midori configuration files
```

```
# The full list here:
```

```
# Install configuration files for Bento Ubuntu Openbox Remix, ie the ones for
# openbox-menu, tint2 and more
wget -q -c -P /
http://meets.free.fr/Downloads/BentoVillageProject/Configurations/UserConfig/etcskel.tar.xz
tar xvJf /etcskel.tar.xz -C /
rm -f /etcskel.tar.xz
```

```
# Install specific root configuration files (mostly to make the root gui apps and the prompt of the console look good):
```

```
wget -c /
http://meets.free.fr/Downloads/BentoVillageProject/Configurations/System/bento-root-directory.tar.xz
tar xvfJ /bento-root-directory.tar.xz
rm -f /bento-root-directory.tar.xz
```

```
# Install some packages for the desktop environment
```

```
xdg-user-dirs xdg-user-dirs-gtk policykit-desktop-privileges gnome-keyring scim
```

System tools // to be installed

```
# List borrowed from Lubuntu core - http://packages.ubuntu.com/precise/lubuntu-core
```

```
apt-get -q -y install anacron bc ca-certificates ghostscript-x inputattach nvidia-common zip acpi-support avahi-daemon kerneleofs-daemon libnss-mdns pcmciautils
```

```
# A few useful fonts:
```

```
apt-get -q -y install fonts-droid fonts-liberation ttf-dejavu ttf-freefont
```

```
# Install system and hardware related packages
```

```
apt-get -q -y install acpid apmd sdparm linux-firmware linux-firmware-nonfree  
hardinfo
```

```
# Install a few more packages for the system
```

```
upower udisks libpam-ck-connector
```

```
# Packages for the network – including « kmod » which contains files such as iwlfwifi.conf
```

```
libatm1 ethtool kmod wireless-tools wpasupplicant network-manager network-manager-  
gnome netplug tcpdump tcpdump ppp pppconfig pppoe sshfs ssh ssh-import-id openssl  
rfkill usb-modeswitch
```

```
# ZRAM here we want ZRAM to be used in the Live even if the machine has up to 2 GB, and not just when it is  $\leq$  512 MB,  
and we want virtual block devices to be 1/4 of the available RAM, but not 50 % as is the default :
```

```
apt-get -q -y install zram-config
```

```
wget -q -c -P /
```

```
http://meets.free.fr/Downloads/BentoVillageProject/Configurations/OldConfig/OBUbuntu-Zram-live.tar.xz
```

```
tar xvJf /OBUbuntu-Zram-live.tar.xz -C /
```

```
rm -f /OBUbuntu-Zram-live.tar.xz
```

```
# Laptops - Install driver and device to setup the touchpad on laptops and else related
```

```
laptop-detect
```

```
xserver-xorg-input-synaptics
```

```
xserver-xorg-input-mtrack
```

```
gpointing-device-settings
```

```
laptop-mode-tools
```

```
# uncategorized packages I may want to have
```

```
gksu libgtk2.0-bin librsvg2-common gnupg-agent gnupg2 sound-theme-freedesktop  
p7zip-full unzip ntp xterm dialog desktop-file-utils gvfs-backends gvfs-fuse pm-  
utils apport-gtk cifs-utils ntfs-3g gvfs
```

```
# file-system tools
```

```
btrfs-tools reiserfsprogs jfsutils ntfsprogs
```

To be added to the Live CD

```
# Packages for install time
```

```
gparted ubiquity ubiquity-casper ubiquity-frontend-gtk ubiquity-ubuntu-artwork
```

```
# To be packaged, translated to a few languages (needs a pot file, the method to create it can be found in the sources of the  
ubiquity-slideshow) then installed : ubiquity-slideshow-bento
```

```
http://meets.free.fr/Downloads/BentoVillageProject/Graphics/ubiquity-slideshow-bento-10.tar.xz
```

```
# Needs to be checked :  
# If virtualbox-dkms is installed the guest graphical driver is not used  
# apt-get -q -y --purge remove virtualbox-dkms
```

Apps needed – to be installed:

Midori ; mc ; geany ; sakura.

```
# A few small text mode utilities  
apt-get -q -y install scrot irssi lftp testdisk foremost pastebinit htop mc wodim
```

```
# whdd from Kamilion's ppa - the repos will be there but installing the package will be up # to the user.
```

```
add-apt-repository ppa:kamilion/whdd ;
```

Graphics // To be done, installed, repackaged or packaged or scripted...

```
# ISOLINUX theme and Plymouth packages
```

```
# ISOLINUX theme is to be provided
```

```
# Install plymouth along with a theme  
apt-get -q -y install plymouth plymouth-label plymouth-theme-text plymouth-theme-ubuntu-text
```

```
Plymouth theme  
Lightdm theme  
Lxdm theme  
Desktop background (wallpaper)  
Lxpanel theme  
Openbox theme  
GTK2/GTK3 theme  
Icon theme :  
gnome-dust-icon-theme
```

```
# Some of the Graphics used so far :
```

```
# Install GTK-3 theme  
wget -c / http://meets.free.fr/Downloads/BentoVillageProject/Graphics/bento-GTK3-Clearlooks-Phenix.tar.xz  
tar xvfJ /bento-GTK3-Clearlooks-Phenix.tar.xz  
rm -f /bento-GTK3-Clearlooks-Phenix.tar.xz
```

```
# Install Faenza-Cupertino icons  
wget -c / http://meets.free.fr/Downloads/BentoVillageProject/Graphics/bento-Faenza-Cupertino-icons.tar.xz  
tar xvfJ /bento-Faenza-Cupertino-icons.tar.xz  
rm -f /bento-Faenza-Cupertino-icons.tar.xz
```

```
# Install Bento backgrounds:  
wget -c / http://meets.free.fr/Downloads/BentoVillageProject/Graphics/bento-backgrounds.tar.xz  
tar xvJf /bento-backgrounds.tar.xz  
rm -f /bento-backgrounds.tar.xz
```

```
# Install modified lightdm-theme for Bento and background images
wget -c / http://meets.free.fr/Downloads/BentoVillageProject/Graphics/bento-
lightdm.tar.xz
tar xvfJ /bento-lightdm.tar.xz -C /
rm -f /bento-lightdm.tar.xz
```

```
# Install Bento Plymouth theme
wget -c / http://meets.free.fr/Downloads/BentoVillageProject/Graphics/bento-
plymouth.tar.xz
tar xvfJ /bento-plymouth.tar.xz
rm -f /bento-plymouth.tar.xz
```

```
# Install Bento Lxpanel theme
wget -c / http://meets.free.fr/Downloads/BentoVillageProject/Graphics/bento-
Lxpanel.tar.xz
tar xvfJ /bento-Lxpanel.tar.xz
rm -f /bento-Lxpanel.tar.xz
```

For testing purposes :

```
# Install drivers to test the distro in Virtualbox with possibly a good resolution
apt-get -q -y install virtualbox-guest-utils virtualbox-guest-x11
```

To be also added/modified in the system :

* /etc/gtk-3.0/settings.ini : change the gtk3 default theme ;

* /usr/share/applications/synaptic-kde.desktop : make it have a « NoDisplay=true » line and manage not to have it in the menus (how does Ubuntu fix this?)

Bento = Sushi + additional packages :

```
# Current use
```

```
Libreoffice
libreoffice-gnome
Uget
Mousepad
firefox
xchat
file-roller
gpicview
galculator
evince
Gthumb
Sypheed
bogofilter
cups
system-config-printer-gnome
xsane
sane
simple-scan
transmission
gucvview
galculator
xournal
gucharmap
```

```
# Install alsa packages, gstreamer and such :
alsa-base
alsa-oss
alsa-tools
alsa-utils
gnome-alsamixer
volumeicon-alsa
libmatroska5
gstreamer0.10-alsa
gstreamer-tools
gstreamer0.10-ffmpeg
gstreamer0.10-plugins-base
gstreamer0.10-plugins-base-apps
gstreamer0.10-plugins-bad
gstreamer0.10-plugins-bad-multiverse
gstreamer0.10-nice
gstreamer0.10-plugins-good
gstreamer0.10-plugins-ugly
gstreamer0.10-pulseaudio
gstreamer0.10-tools
gstreamer0.10-x
libgstreamer-plugins-bad0.10-0
libgstreamer-plugins-base0.10-0
libgstreamer0.10-0
gir1.2-gstreamer-0.10
```

```
# Each one after this needs a ppa :
```

```
xnoise
deadbeef
radio-tray
brasero
gnome-alsamixer
volumeicon-alsa
```

```
# System
```

```
language-selector-gnome
gnome-system-tools
gnome-time-admin
update-manager
update-notifier
software Center
gdebi
```

```
# System cleaning
bleachbit
```

```
# System text mode
htop
```

```
# Other text mode tools
imagemagick
lftp
openssh #server and client
testdisk
sdparm
```

```
hdparm
foremost
lshw
```

```
# needs a ppa :
```

```
grub-customizer
```

Does this belong to Bento or to Suchi first ?

```
# Install packages for the look and feel in the desktop // to be checked while testing the future first Sushi edition as it won't
# have it
```

```
apt-get -q -y install gtk2-engines-pixbuf gtk2-engines-murrine murrine-themes
hicolor-icon-theme gnome-icon-theme gnome-icon-theme-full faenza-icon-theme dmz-
cursor-theme
```

```
# Note : gtk2-engines is already in the Ubuntu Mini Remix
```

```
# faenza-cupertino icon-theme recolored from tiheum's faenza-icon-theme - for now # I have it in the etcskel tarball
```

```
wget -q -c -P /tmp http://gnome-look.org/CONTENT/content-files/129008-Faenza-
Cupertino.tar.gz
```

```
#mkdir -p /etc/skel/.icons
```

```
#tar xvzf /tmp/129008-Faenza-Cupertino.tar.gz -C /etc/skel/.icons
```

```
#rm -f /tmp/129008-Faenza-Cupertino.tar.gz
```

```
# Install a session manager – Lightdm instead of lxdm, eventually
```

```
apt-get -q -y install lightdm lightdm-gtk-greeter
```

```
# Install plymouth along with a theme
```

```
apt-get -q -y install plymouth plymouth-label plymouth-theme-text
```

Misc

```
# Sources.list
```

```
wget -c http://meets.free.fr/Downloads/BentoVillageProject/Bento-
x86_64/sources.list #to be checked
```

```
# Meets # Tiheum # danielrichter2007 # Medibuntu rip - but we want to be able to
```

```
# install libdvdcss - and a few others:
```

```
wget -c
```

```
http://meets.free.fr/Downloads/BentoVillageProject/Configurations/System/bento-
sources.list.d.tar.xz
```

```
apt-key adv --recv-keys --keyserver keyserver.ubuntu.com 83FBA1751378B444
6E358208E54EEAA4 C383CF524EE6B458 446C82DC2DD1
```

```
# Install French language packs for a custom remix in French
```

```
apt-get -q -y install wfrench firefox-locale-fr language-pack-fr language-pack-fr-
```


base language-pack-gnome-fr language-pack-gnome-fr-base manpages-fr

To be added somewhere (check what the package does) :

Gnome-settings-daemon | added on september 18th

Removing :

poppler-data and depends plus depends of depends (removes more than 27 MB).

fonts-freefonts-ttf (removes more than 10 MB)

manpages-dev (removes 1878 kb)