
Kubuntu Manual Documentation

Release release

Kubuntu Team

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Contents:

WELCOME TO KUBUNTU

Kubuntu is a user-friendly Linux-based operating system that use the *KDE Plasma Desktop*. With a predictable six-month release cycle as part of the *Ubuntu* project, *Kubuntu* is the Linux distribution for everyone.

Kubuntu includes more than 1,000 default packages (applications or utilities) and has access to more than 64,000 other packages to suit your needs. *Kubuntu* is based on the Linux kernel and includes the core *Ubuntu* applications as well as *KDE* software. *Kubuntu*'s core applications include software for the most common needs, like:

- Browsing the web.
- Personal Information Manager which includes email.
- Office applications
- Playing multimedia files.
- Plus much more!

1.1 The *Kubuntu* Philosophy

- *Kubuntu* will always use the solid base of the *Ubuntu* project, plus the latest from the *KDE* project. As part of the *Ubuntu* project and community, *Kubuntu* will continue to use the infrastructure and support that the *Ubuntu* project offers. We will strive to be the best *KDE* based Linux distribution available.
- *Kubuntu* will always be free of charge. There is no extra fee for an enterprise edition; we make our best work available to everyone on the same free terms.
- *Kubuntu* will always include the best translations and accessibility infrastructure that the free software community has to offer, to make *Kubuntu* usable by as many people as possible.
- *Kubuntu* will always be committed to the principles of free software and open source development; we shall encourage people to use free and open source software, improve it, and pass it on.

1.2 What is Linux?

Linux is an operating system kernel that resembles the Unix operating system. The kernel is the main software required for any operating system, providing a communication bridge between hardware and software. Linux has become a leading element of the worldwide movement to embrace free and open source software. The term “GNU/Linux” is a way of referring to operating systems based on the Linux kernel combined with parts from the [GNU Project](#).

1.3 What is *KDE*?

KDE is an international technology community that creates and supports free software for desktop and portable computing. Among *KDE*'s products are a modern desktop system for Linux and Unix platforms, comprehensive office productivity and groupware suites, as well as hundreds of software applications in various categories including internet and web applications, multimedia, entertainment, education, graphics, and software development. *KDE* software is translated into more than 65 languages and is built for ease of use with modern accessibility principles in mind. *KDE*'s full-featured applications run natively on Linux, BSD, Solaris, Windows, and Mac OS X. The *KDE* Workspace is the default desktop for *Kubuntu*.

1.4 Thank You!

The entire *Kubuntu* team thanks you for choosing *Kubuntu*!

Authors Kubuntu Team

Version 16.04.2 LTS ; Released: 02/17/17

INSTALLATION

2.1 Why try Kubuntu?

There are many good reasons to install Kubuntu! Some of them include:

- Kubuntu makes your PC friendly.
- Kubuntu is an operating system built by a friendly worldwide team of expert developers. It contains all the applications you need: web browser, office suite, media apps, instant messaging, and many others. For a list of the included software, see the *Software* page.
- Kubuntu is a free, open-source alternative to Windows and Mac OS X.
- Easily install beside, or instead of, Windows.

2.2 Preparing the Installation media

Getting the ISO(Disc Image):

Download it though [Get Kubuntu](#).

2.2.1 Checking the MD5SUM

Doing this will make sure your download completed fully and has given you a fully working ISO to boot and perhaps later install from.

From Windows XP -> 7 -> 8 -> 10

Microsoft Windows does not have any built-in tools for MD5SUM but they do provide some [decent documentation](#) and a tool for checking the MD5SUM. How-To-Geek also provides some [reading material](#) if you want to understand the technology behind MD5SUM if you like.

From Mac OS X

Open the Terminal app, then navigate to the directory where the ISO is saved. Run:

```
md5 -r kubuntu-15.10-desktop-amd64.iso
```

And compare the output to the hashes page for the ISO file.

From Ubuntu Linux

The first thing to do is to make sure you're in the directory with the .iso file (most likely in the Downloads directory). For more complex use of MD5SUM check this '[out https://help.ubuntu.com/community/HowToMD5SUM](https://help.ubuntu.com/community/HowToMD5SUM)'_. Then running the command 'md5sum':

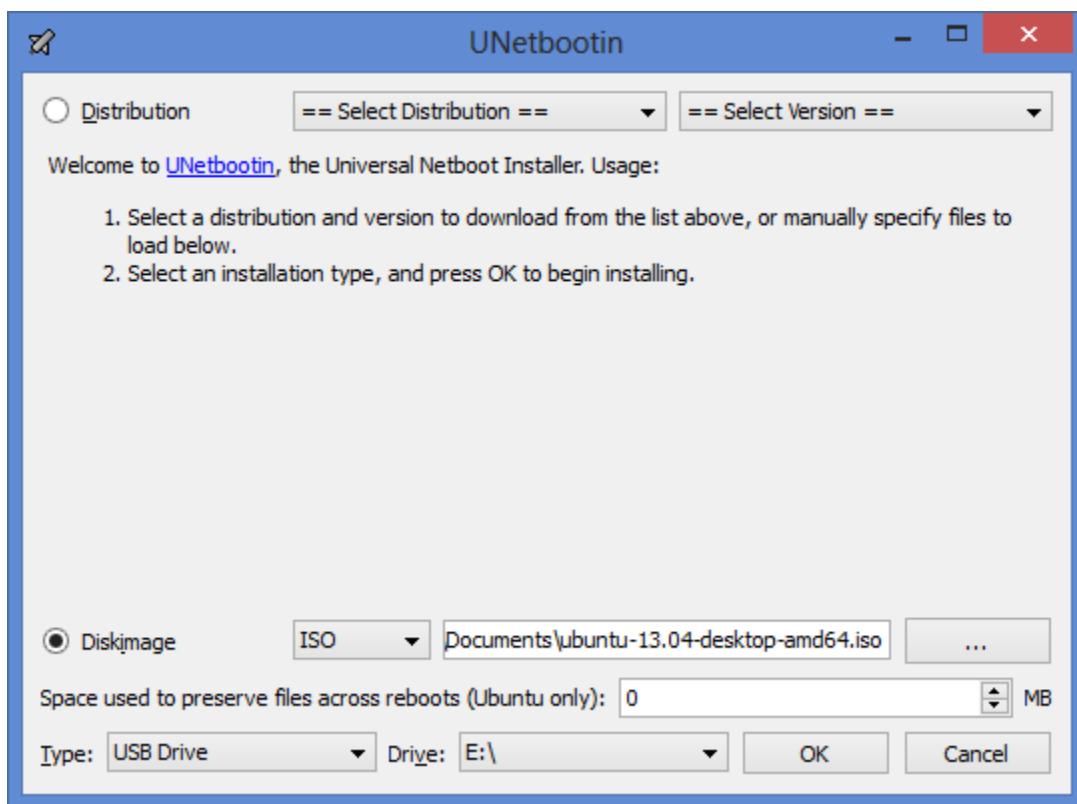
```
md5sum kubuntu-15.10-desktop-amd64.iso
```

2.2.2 Windows 7/8

USB/Flash Drives

For a GUI (Graphic User Interface) we use [UNetBootin](#).

If you choose the *Diskimage* option you use the ... button to select your downloaded ISO. Then click OK.



Warning: Pay special attention when selecting the right USB device under 'Drive'

DVD

The recommended tool to use is [ImgBurn](#). There is a excellent how-to on the ImgBurn forums by the admin [here](#).

2.2.3 Mac OS X

Burn an installer DVD using [Disk Utility](#).

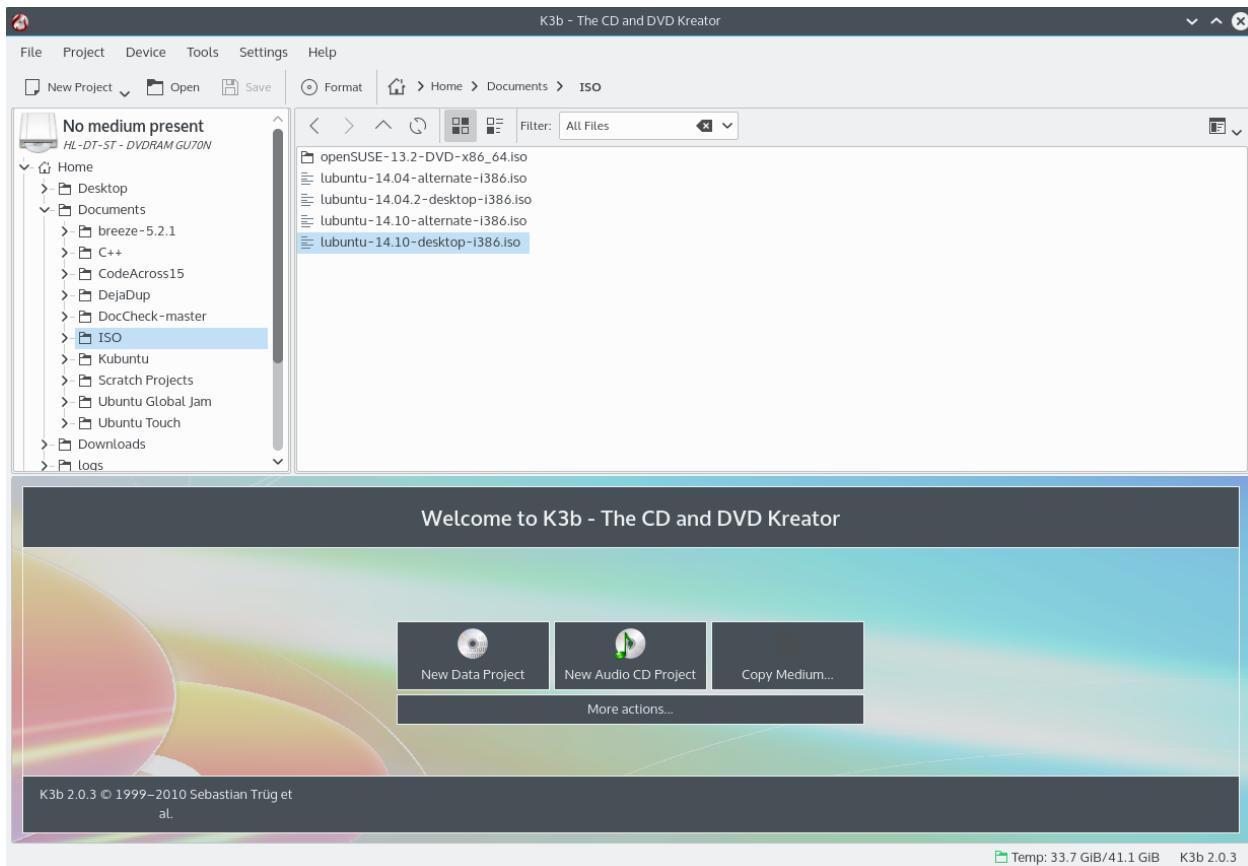
2.2.4 Existing Kubuntu Install

USB/Flash Drives

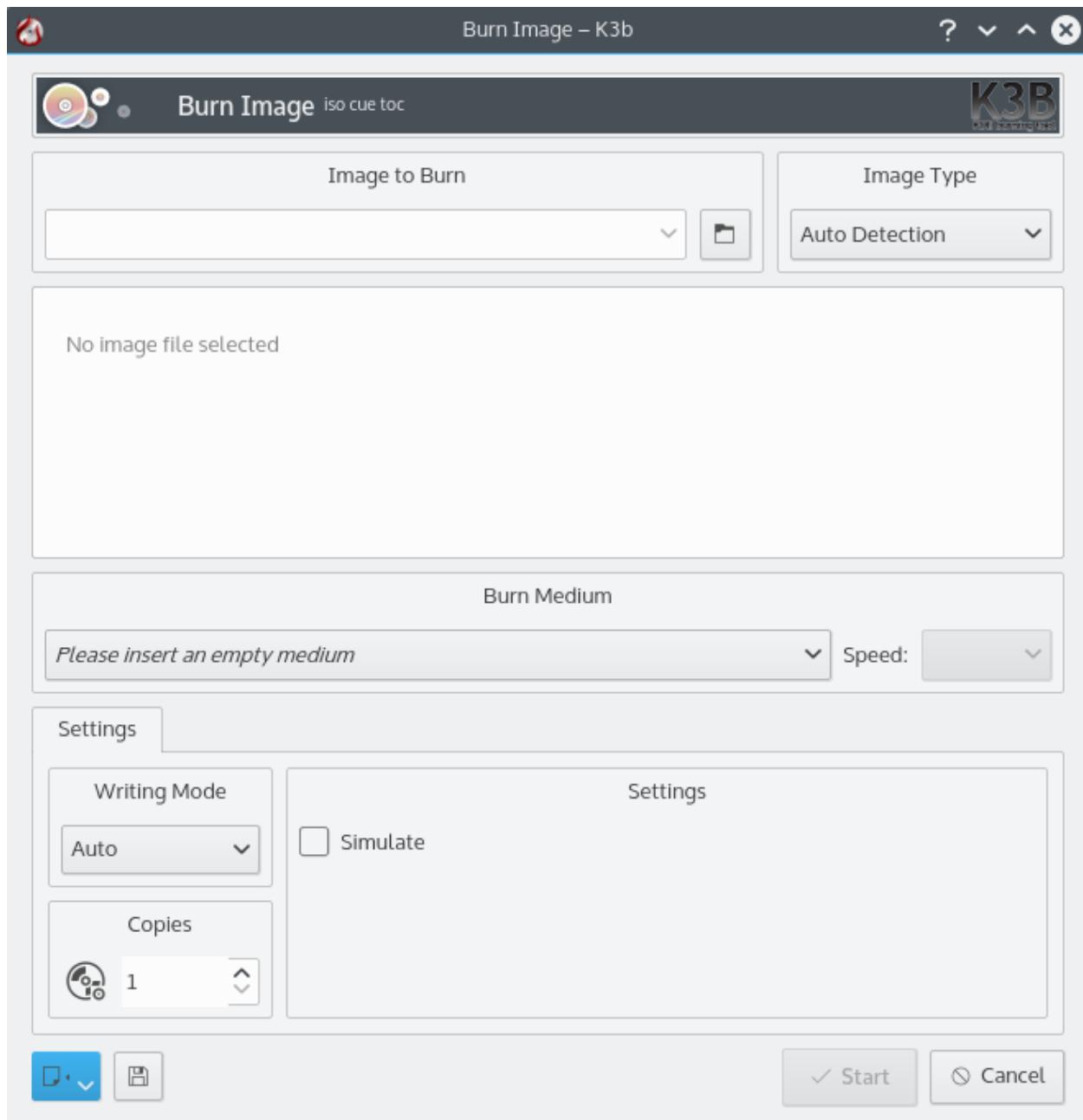
Since UNetBootin is a cross-platform application we will be using the same instructions from [USB/Flash Drives](#)

Warning: Be extremely careful to set /dev/sdX to the right value, if you point it to your hard drive you will wipe the disk.

DVD



Look for *More actions...* click it then pick *Burn image...* from the list of actions



Then you select the ISO(Disk Image) that you want to burn to the DVD from your computer.

Note: Most torrent and browsers store your downloads in the ‘Download’ directory.

Note: Most of the default setting for K3b for DVD burning are fine

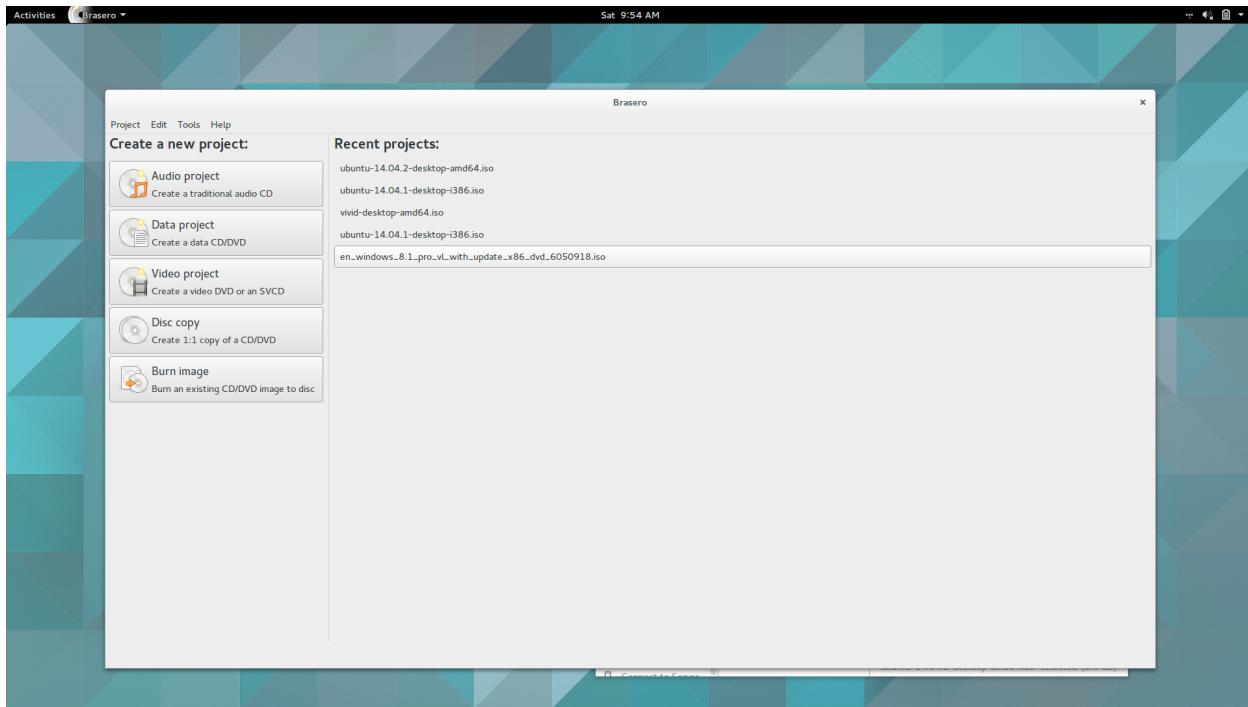
2.2.5 Other Linux Distributions

2.2.6 GNOME Environment

USB/Flash Drives

For USB/Flash Drives we'll be stick to using UNetBootin from this tutorial: [USB/Flash Drives](#)

DVD



For Linux Distributions that use GNOME we'll be using the default DVD burning tool Brasero.

2.2.7 KDE Environment

USB/Flash Drives

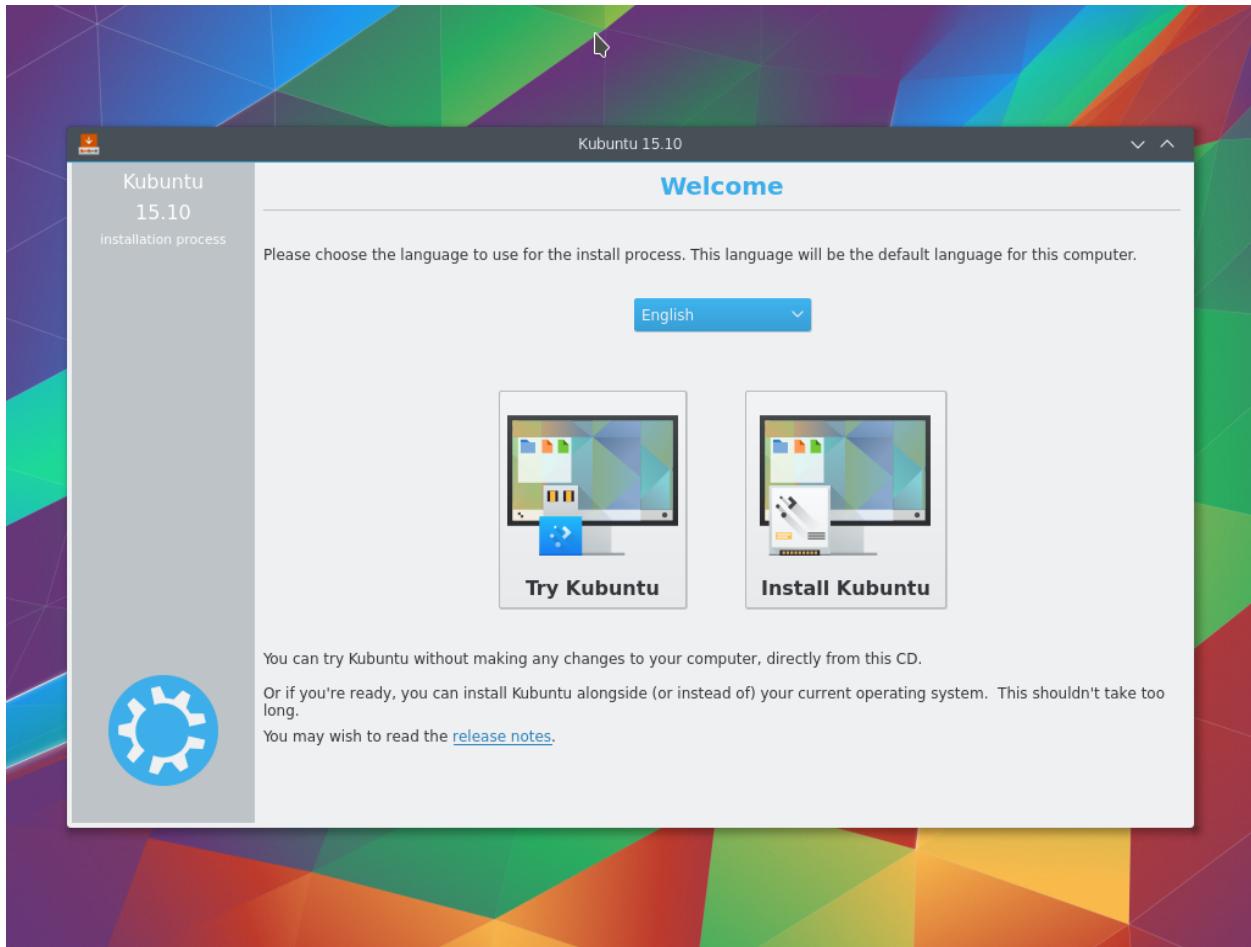
DVD

You can follow the same instructions as a [Mac OS X](#)

2.3 Install Process

Note: You will need to press a special key on the keyboard in order to boot from your chosen Installation Media. Ex: Esc, F2, F10, F12, or Del it all depends on the OEM(Original Equipment Manufacturer)

First we'll need the Kubuntu Disk Image(ISO) from here: [Preparing the Installation media](#)



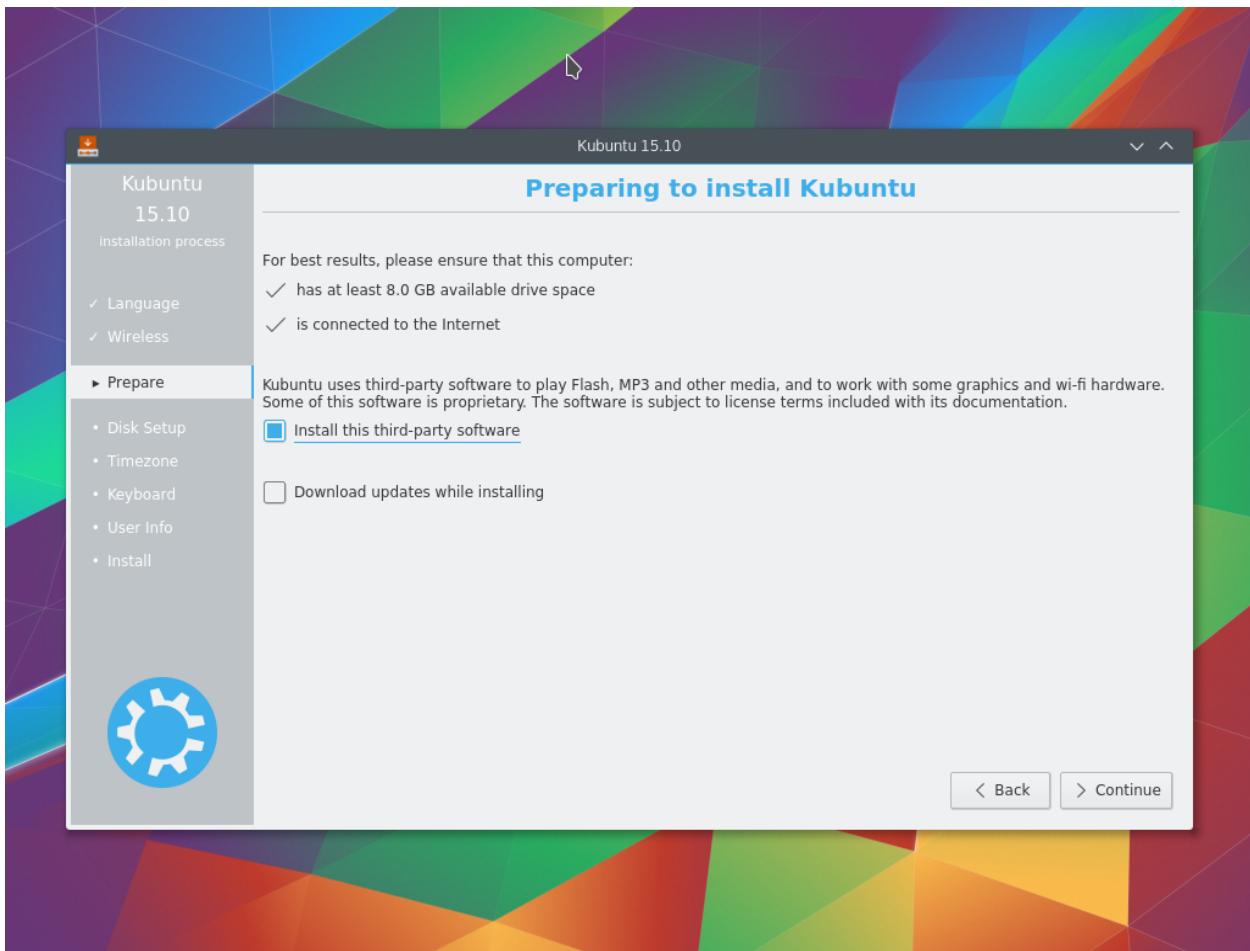
When the installer starts you will see these options:

- Try out Kubuntu without changing anything on your computer
- Install Kubuntu on your computer.

2.3.1 Prepare

For the best result, ensure that:

- Your computer has enough room for Kubuntu and your data - your songs, pictures, videos, and documents.
- Your computer is connected to the Internet so that you can download updates and third-party software as Kubuntu is installing.



Include this third-party software: includes software that either does not follow the Open Source model or the [Ubuntu Philosophy](#), but is safe for use on your system.

Download updates while installing: will ensure that you have the latest bug and security fixes included and applied once the installation is complete.

2.3.2 Disk Setup

This is where you choose how to organize your hard drive. This step is the most complicated and consequential in the entire install process, so take your time.

Note: You will be able to change your mind and go back until the Install Now button is clicked

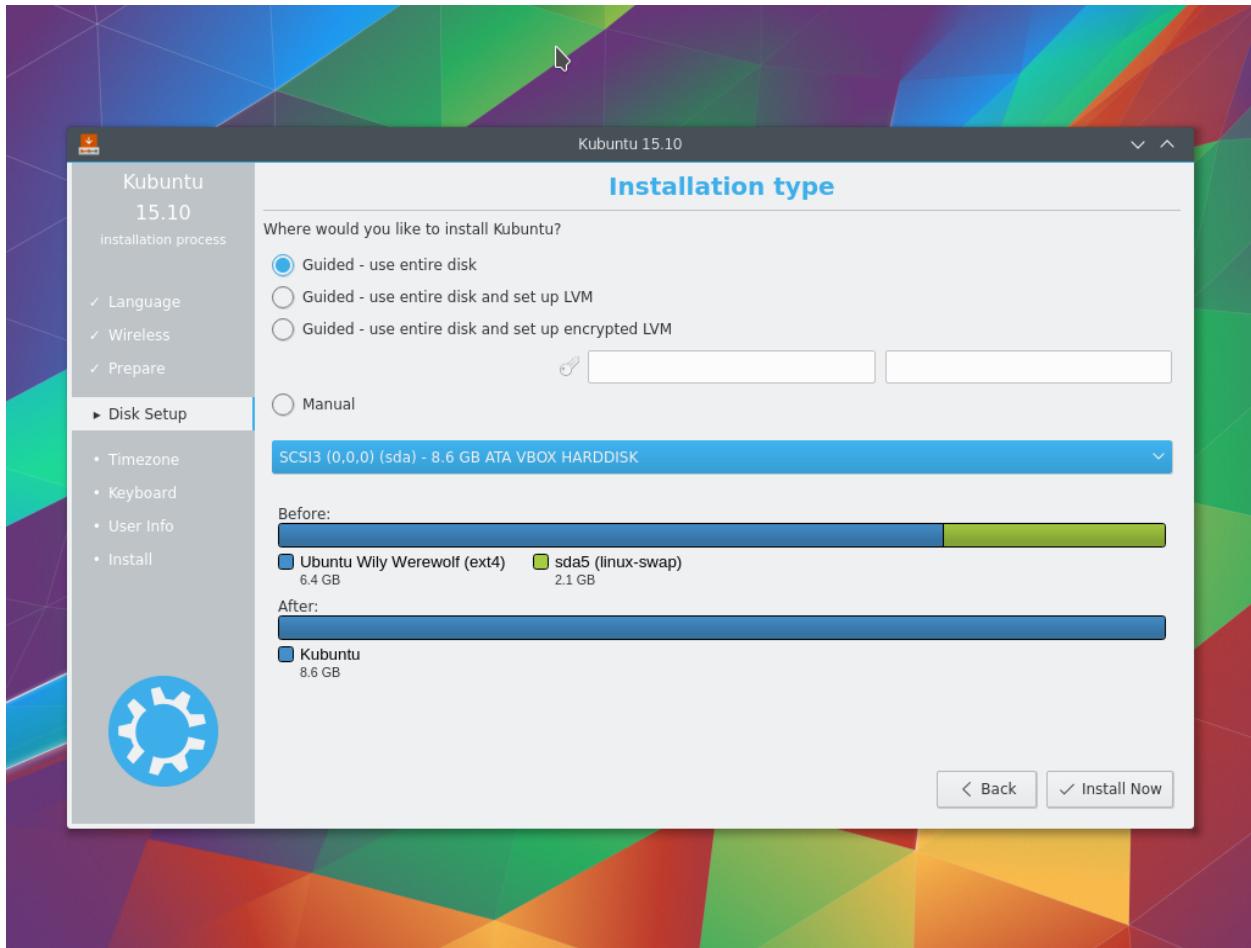
The following sections are some possible installation scenarios you might choose. Each of these choices points to a page or series of pages with more details. For each option (except Manual), the installer asks which hard drive to use. After choosing, you will see a before and after layout on that hard drive.

Resize

This will resize the partitions for you and install Kubuntu on the free space. With this option you can create what is called a dual-boot and choose which OS to boot into at startup.

Note: This is available only at least 25GB can be freed

Use entire disk



Warning: This will wipe all your data

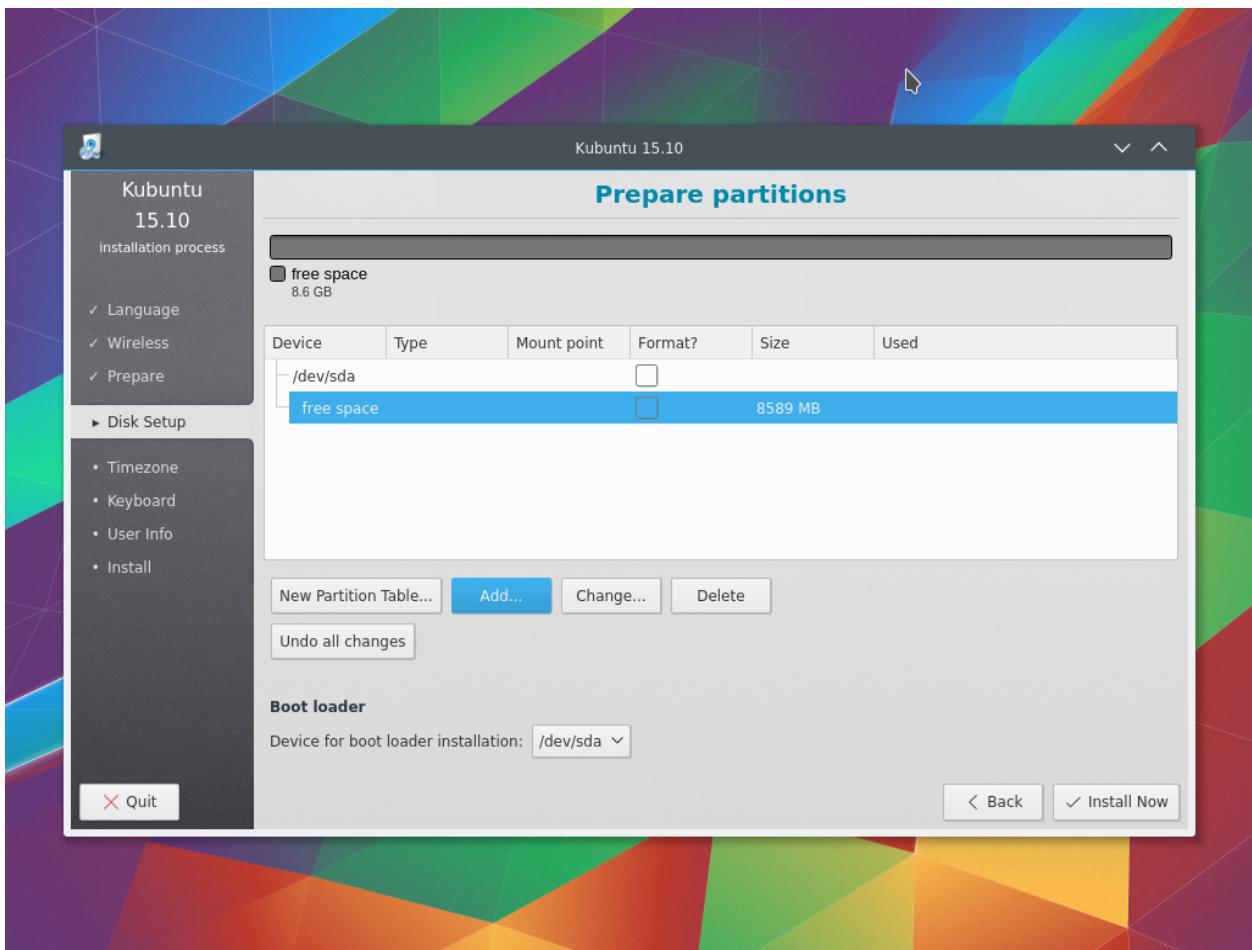
Use entire disk and set up LVM

More about [LVM](#)

Use entire disk and set up encrypted LVM

More about [encrypted file systems](#)

Manual



When using Manual to set up your system as you would like it, keep these thoughts in mind:

- The root (/) directory needs at least 25 GBs of space.
- The home (/home) directory needs as much space as you will need for your files, music, pictures and documents. So it is best to use the remaining space for the home partition, unless you have going to dual boot.
- Swap space of at least half of the available RAM is recommended. For instance, with 8 GBs, make the swap with at least 4 GBs.

Note: If you have a Windows 8 sticker on your machine you might need to make a separate EFI partition with a fat32 filesystem.

For more detailed information regarding the Disk Setup of a linux system you can check the [DiskSpace](#) page.

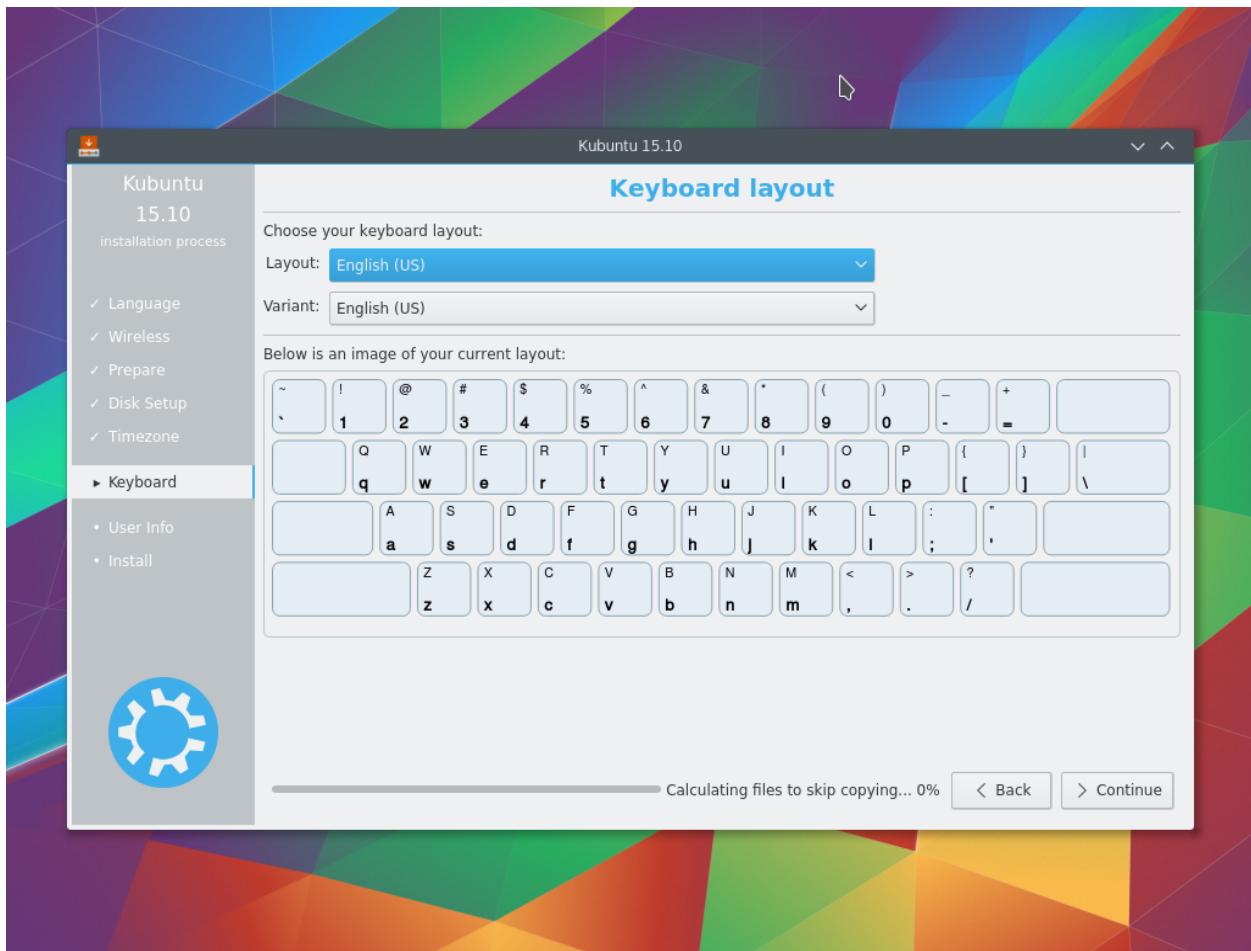
2.3.3 Timezone

During this step you get to pick the Region where you live and then the Timezone of the location in that Region. An example would be that I live in New York, so my Region is North America and my Timezone is New York.



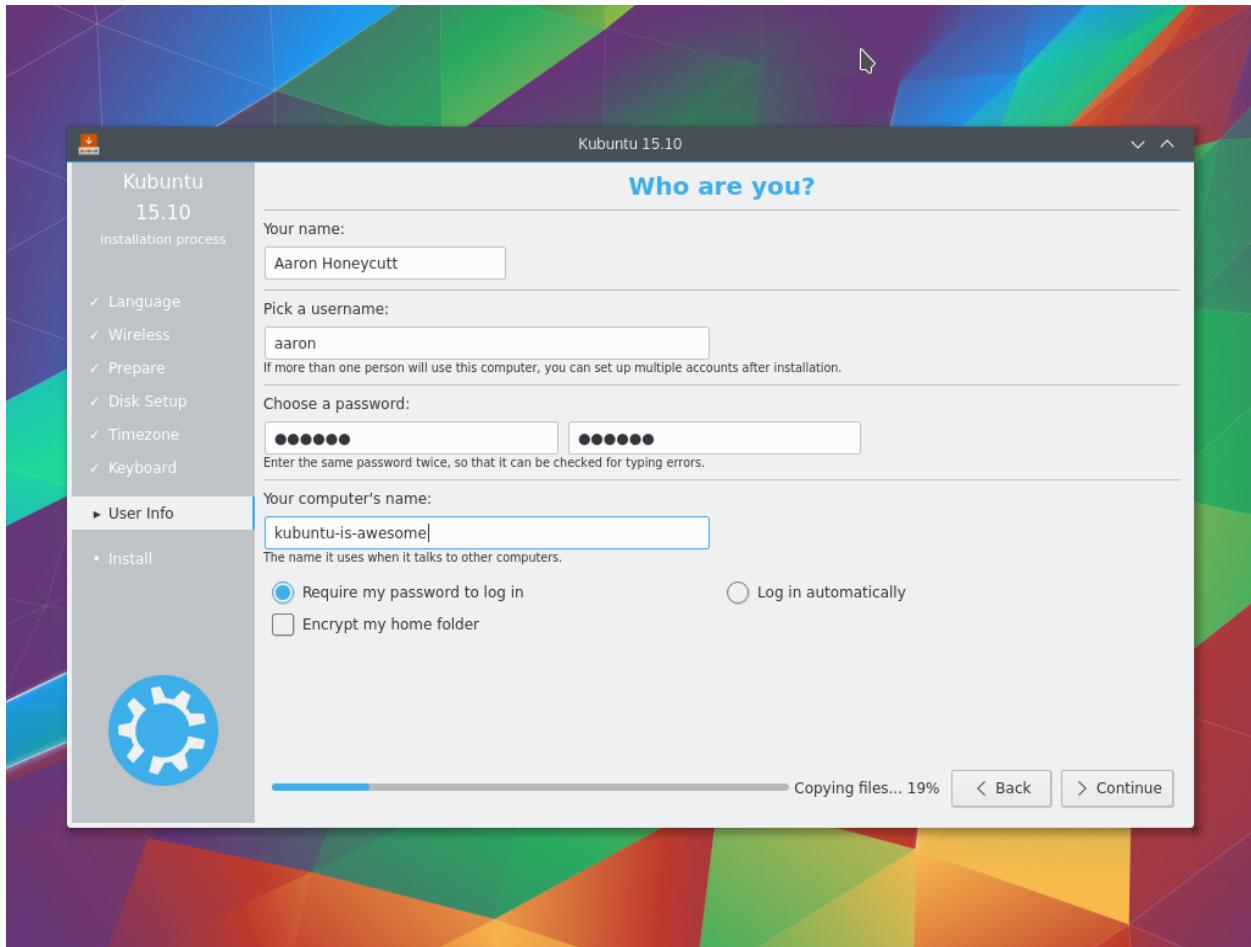
2.3.4 Keyboard

This is the step that will set up your keyboard's language and, if the language has it, a different version of the language. For example, there is a Cherokee American English setting as well as different setups with special keys used in certain countries; in Kubuntu we try to make the system easy for everyone!



2.3.5 User Info

At this step of the installation you will be putting in user information like your name, username, and password. The password will be your key to logging into your new installation as well as installing new software, updating your system, and more, so keep it written down somewhere!



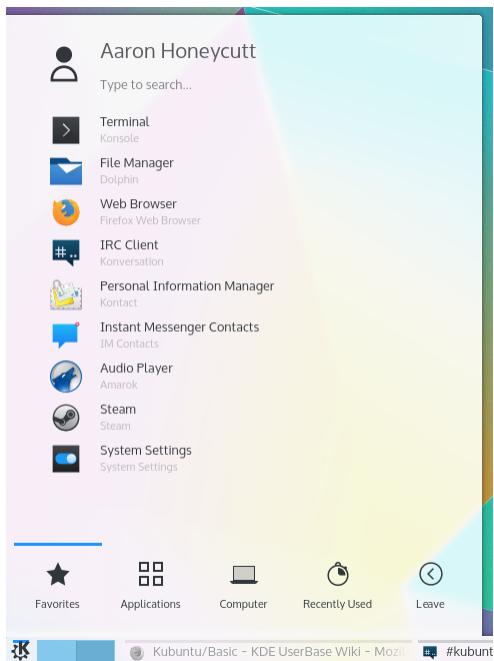
CHAPTER THREE

BASIC

This section of the Documentation will cover the components available within Kubuntu to meet your desired functionality and make Kubuntu your own.

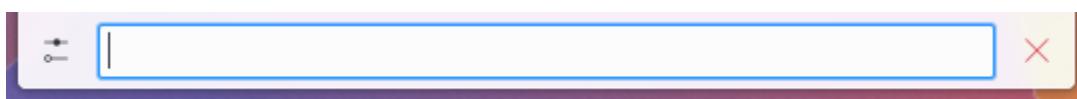
3.1 Launchers

3.1.1 KickOff



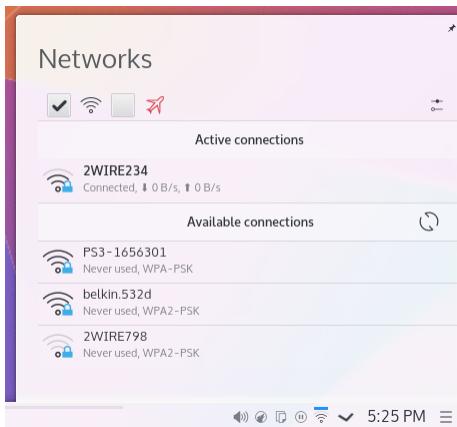
As a *KDE* distribution, Kubuntu uses the Kickoff Application Launcher by default. The Kickoff Launcher can be compared with the ‘Start Menu’ in Windows (pre Windows 8). The icon to launch Kickoff is on the bottom left very much like Windows XP or 7. For more information on how to use and customize it, see [Plasma Kickoff](#).

3.1.2 KRunner



Like Kickoff, KRunner is a launcher, but it does a lot more than just launching applications. Usually KRunner is accessed by pressing Alt + Space. For more information on what it can do, see [Plasma Krunner](#).

3.2 Networking



3.2.1 Wired

In most cases the wired network connection will simply work without any changes to the default Kubuntu configuration. Wired network connections are selected as default when they are available.

3.2.2 Wireless

Most Wireless cards are supported out of the box by Kubuntu. However, in some cases the Wireless network device may have a restricted driver in order to operate. The best way to check this is to open the 'Driver Manager'. To open this program use 'KickOff' -> 'System Settings' -> 'Driver Manager'. If the device needs a restricted driver, then 'Driver Manager' can help with selecting, installing, and activating the proper driver. Once this is all handled, the system will need to be rebooted. For more information on troubleshooting Wi-Fi on your system, see [Wireless troubleshooting](#).

3.3 Desktop Customization

This section covers the basics of configuring Kubuntu to suit your needs. One of the strengths of the *KDE* philosophy is the focus on control of just about every aspect of the desktop environment. Wallpapers, themes, widgets, color schemes, splash screens, and more; the options for customization are endless.

KDE-Look is the number one location to find customized settings for the *KDE* Plasma desktop. Some of the applications even allow direct connections to KDE-Look to download a new configuration or image.

3.3.1 Themes

Kubuntu allows themes to be changed easily. To change your theme go to System Settings -> Workspace Theme in the Desktop Theme section, then choose from the list of installed themes. You can change the theme of the Desktop Theme, Cursor Theme, and the Splash Screen. Pick from the default choices that are installed, or left-click the 'Get New...' button in each section for more choices.

3.3.2 Plasmoids

Plasmoids (also called Widgets) can be added by right-clicking the desktop and selecting Add Widgets..., which will bring up a list of Widgets. For more information, see [Plasma Widgets](#).

3.3.3 Panel

By right-clicking on the desktop once again, you can select Add Panel to get more panels. You can left-click the button on the far right side of the panel to alter the properties of the panel, like changing its height or width or adding Widgets, for example. For more information, see [Plasma Panels](#).

3.3.4 Activities

Activites are specific and exclusive to KDE. As such they're often under utilised and misunderstood. In this section we're going to explore what KDE Activities are, how to set them up, and how to use them.

Think for a moment about your average day working on your PC. It will often traverse different activities. For example doing email and researching things on the internet, perhaps developing some documents, working on a piece of software, writing your thesis in LaTeX etc...

Commonly KDE users might use Virtual desktops to seperate these workspaces.

KDE Activites in Kubuntu provide a slick way to setup and configure environments specific to your task routines. For example your might want to have your email, and social networks configured as one activity. Perhaps your research, and writing for your thesis configured as another activity.

3.3.5 Activities first look



Let's take a look at the default KDE Activities configured in Kubuntu. Right Click anywhere on the empty desktop and choose “Activities” from the menu. The Activities side bar appears on the left, with the Default activity. Notice the + Create Activity at the bottom. Click that, and lets created a new “Social” Activity. Enter “Social” as the Activity name: and then click Create.

That's it you have created your first activity.

You can theme, and configured this new activity desktop in the same ways as mentioned early in this section of the manual.

3.3.6 A Step Further

OK, looking good, lets create another activity. Call this one “News”. Once created switch to this activity, either by Right Click on the Desktop > Activities or use the Keyboard shortcut Alt+D,A (Hold Alt down, press D, then Press A) Then select the News activity from the side bar.

OK, lets configure a few useful tools

1. Change the desktop wallpaper to something you like
2. Right click > Add Widgets, and add the Digital Clock
3. Right click > Add Widgets, and add the Web Browser
4. Right click > Add Widgets, and add the RSS

You can now resize these widgets and lay them out on the desktop however you wish. and configure them to suit your needs, as in the example below.

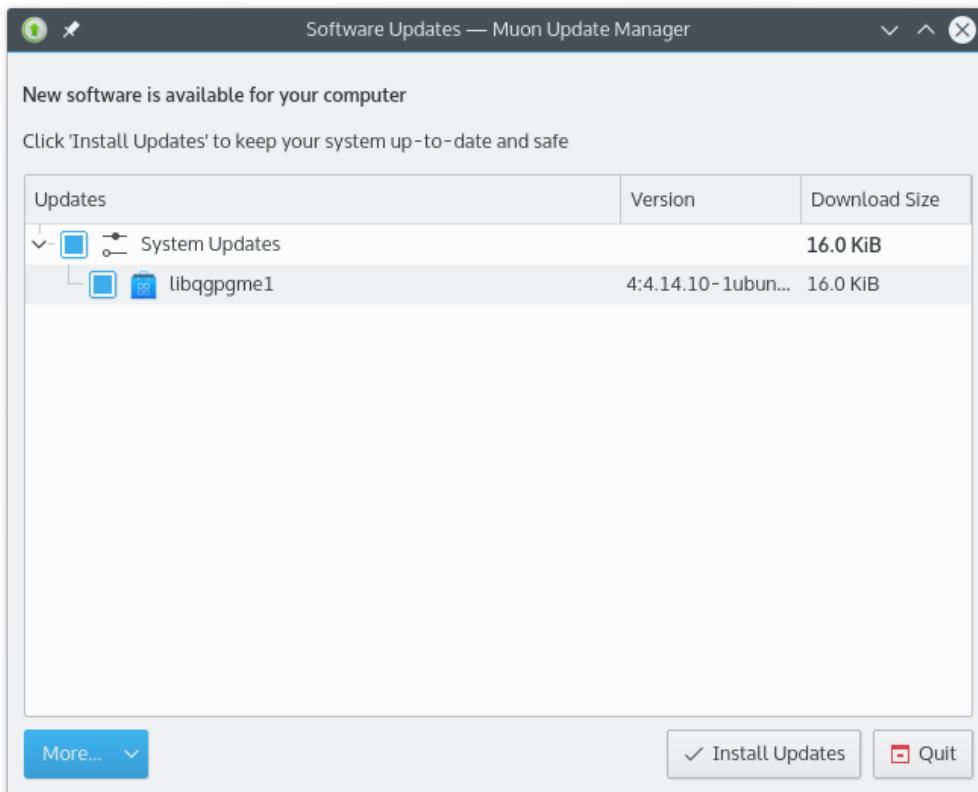


Dolphin

Dolphin is the default file manager in Kubuntu and can be compared with Windows Explorer. Dolphin looks simple because of great design, while having many powerful features. For more information, see [Dolphin](#).

3.4 Updating

Kubuntu developers release feature and security updates for applications and packages within the Kubuntu system. When updates become available, Kubuntu will display a message in the System Tray. To update the system, open Muon Update Manager from either KickOff or Krunner and click the Install updates button. After installing some updates, it may be necessary to restart the computer. If so, Kubuntu will display a pop-up and an icon in the System Tray.



Basic

ADVANCED

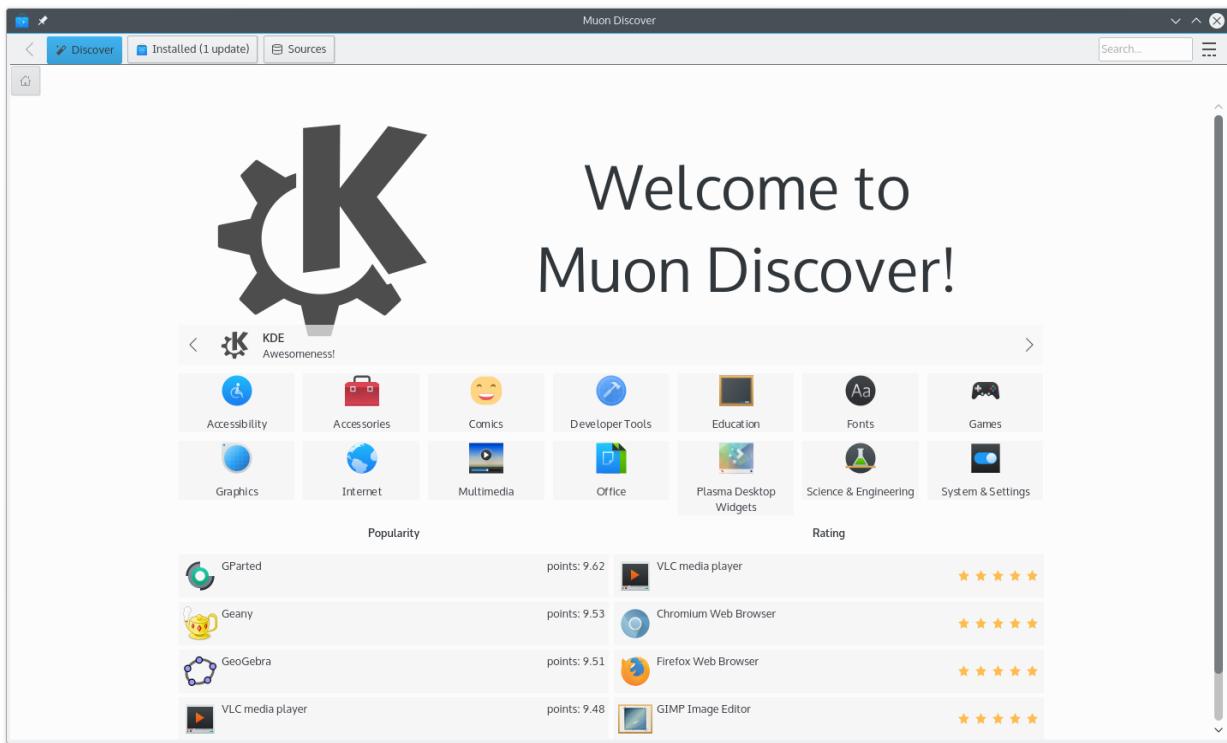
You can further customize your Kubuntu installation by adding new software packages. Below you will find several methods to install new packages (software).

4.1 Software Management

There are several ways to manage applications in Kubuntu. A convenient way to add or remove applications is with a package manager.

4.1.1 Graphical Clients

By default Kubuntu comes with a great package manager called Muon Discover. Muon Discover is an advanced program with a graphical user interface (GUI) for installing and removing applications. It will automatically notify you for updates (in the lower right hand corner), but you can use it at anytime to install new packages by going to KickOff and type Muon. Select Muon Discover from the results. If you prefer the Ubuntu-style “Software Center” you will need to install it from within Muon.



Muon Discover might provide information about required dependencies, these are other packages (programs) that the piece of software that you want to install needs to run. Once this information is acknowledged, the required packages will begin downloading. When the installation process is complete, the software will be ready to use. It is rarely necessary to restart the system after software installation or updates. If it is, the system will warn you and give you a restart icon to do the restart at your convenience.

Muon Discover also provides an easy method to remove software that is no longer needed.

Tip:

- Click on Installed and find the application you want to remove.
- Click Remove and Muon Discover will remove the application.

4.1.2 Repositories

Thousands of programs are freely available to install in Kubuntu. These programs are stored in software archives (“repositories”) and are made available for installation over the Internet. Installing new programs in Kubuntu is quick, reliable, and secure because each program is built specifically for Kubuntu and is checked thoroughly before it is made available. Kubuntu repositories are categorized into four groups:

- Main
- Restricted
- Universe
- Multiverse

Two factors are used to determine categories

- The level of support provided for a program by its software development teams.
- The level of compliance the program has to the [Ubuntu Free Software Philosophy](#).

The standard Kubuntu LiveDVD contains some software from the “Main” and “Restricted” categories. Once a system has information about the Internet-based locations for these repositories, more programs are available for installation. Using the software package management tools installed by default, it is possible to discover, install, and update any piece of software directly over the internet without the need for the LiveDVD.

For more information about managing repositories, click on [Managing Repositories](#).

4.1.3 PPAs (Personal Package Archive)

Personal Package Archives allow any person in the Ubuntu community who has committed to observe the [Ubuntu Code of Conduct](#) to upload Ubuntu source packages to be built and published as an apt repository by Launchpad. Software from Launchpad’s [Personal Package Archive](#) (PPA) requires a [GnuPG](#) (GPG) key so your system can verify that it’s getting the packages from the correct source and that the packages have not been interfered with since they were built. GnuPG is GNU’s tool for secure communication and data storage.

For more information about PPAs, see [Managing Personal Package Archives](#).

4.1.4 Install/Uninstall ‘.deb’ files

The package files associated with Kubuntu have the ”.deb” suffix because of Kubuntu’s close relationship with the Debian GNU/Linux distribution. Individual ”.deb” files can be downloaded and installed. Humble Bundles, for instance, distribute debs. Administrative privileges are required.

Install from Source

Files with the .tar.gz or .tar.bz2 suffix are package files known as “tarballs” or “source” packages. These are widely used in Linux. If there is no native Kubuntu package available in any of the repositories, it may be possible to compile and install the package from source. For tips on compiling software, look at the [Compiling Software](#) page on the Ubuntu Wiki.

4.2 Drivers

On every Operating System (Windows, Mac OS X, and Linux) there are programs called Drivers which you install on your computer. These Drivers let your computer use new hardware or existing hardware, like [Wifi](#). There Drivers also cover your graphics card e.g NVIDIA, AMD, sometimes the nonfree or restricted drivers let the cards perform better than the free ones. The Driver Manager handles installing and uninstalling these for you. These improvements may cover gaming, video editing and processing to image editing.

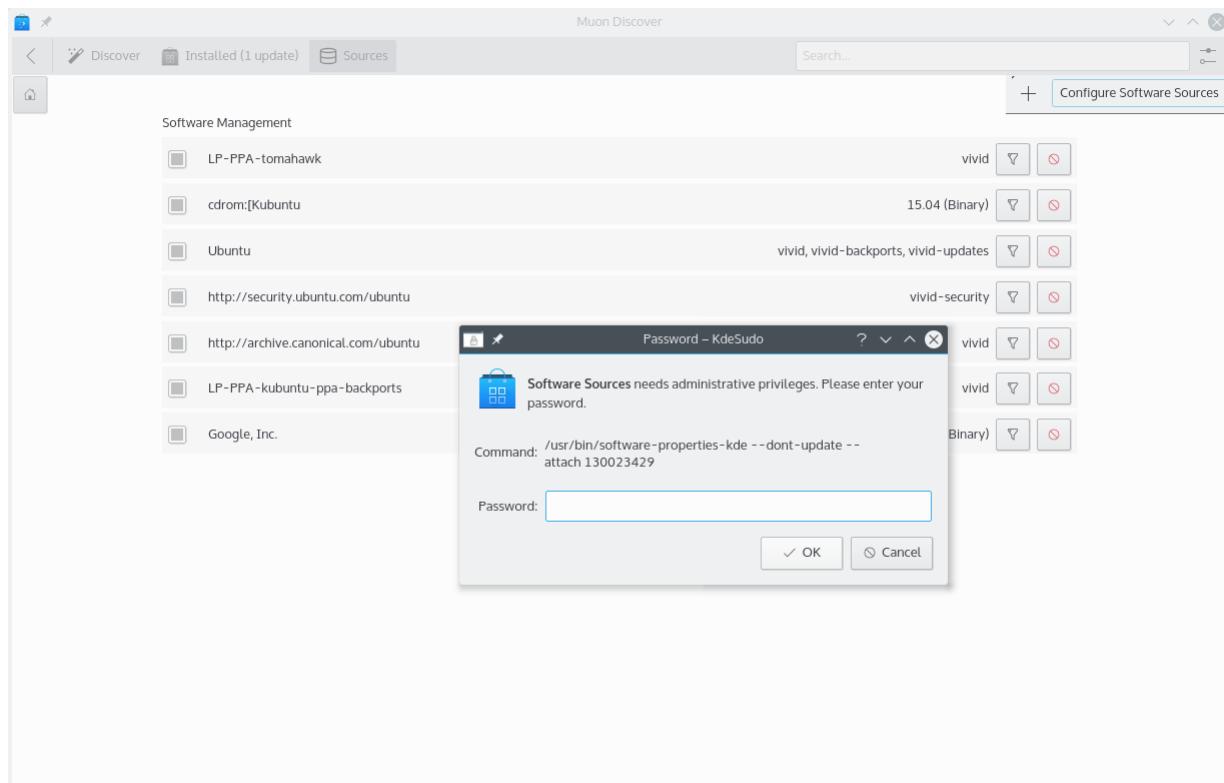
REPOSITORIES

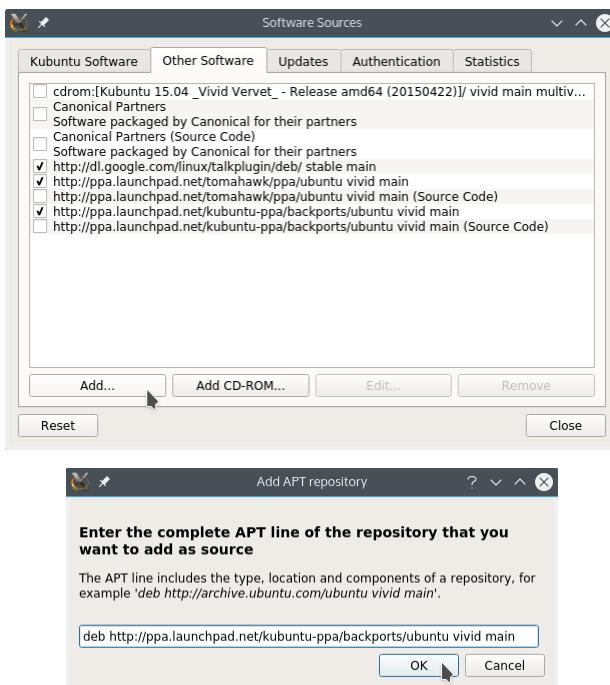
5.1 Managing Repositories

5.1.1 Add a Repository

You can use the Muon Discover to add new repositories.

How-to: Start Muon Discover. Select Sources, Configure Software Sources in the window. Enter your administrative password at the prompt. Left-click the ‘Other Software’ tab. Left-click the ‘Add...’ button. Enter the repository address into the text box. The proper format is required, and looks similar to this: ppa:kubuntu-ppa/backports Left-click the ‘OK’ button to add the repository. Left-click the ‘Close’ button. A prompt will appear to update the package list. Muon will now be allowed to find the newly available software.





5.1.2 Enable a Repository

You can use the Muon Discover to enable repositories.

How-to: Start Muon Discover. Select Sources, Configure Software Sources in the window. Enter your administrative password at the prompt. Left-click the ‘Other Software’ tab. Check the appropriate box in the center section of the window to enable a repository. Left-click the ‘Close’ button. A prompt will appear to update the package list. Muon will now be allowed to find the newly available software.

5.1.3 Disable a Repository

You can use the Muon Discover to disable repositories.

How-to: Start Muon Discover. Select Sources, Configure Software Sources in the window. Enter your administrative password at the prompt. Left-click the ‘Other Software’ tab. Uncheck the appropriate box in the center section of the window to disable a repository. Left-click the ‘Close’ button. A prompt will appear to update the package list. Muon will now forget the no longer available software.

5.1.4 Remove a Repository

You can use the Muon Discover to remove repositories.

How-to: Start Muon Discover. Select Sources, Configure Software Sources in the window. Enter your administrative password at the prompt. Left-click the ‘Other Software’ tab. Left-click the name of an existing repository in the center section of the window to select it. Left-click the ‘Remove’ button. Left-click the ‘Close’ button. A prompt will appear to update the package list. Muon will now forget the no longer available software.

5.2 Managing Personal Package Archives

Personal Package Archives allow any person in the Ubuntu community who has committed to observe the [Ubuntu Code of Conduct](#) to upload Ubuntu source packages to be built and published as an apt repository by Launchpad. Software from Launchpad's [Personal Package Archive](#) (PPA) requires a [GnuPG](#) (GPG) key so your system can verify that it's getting the packages from the correct source and that the packages have not been interfered with since they were built. GnuPG is GNU's tool for secure communication and data storage.

Important: The contents of Personal Package Archives are not checked or monitored. You install software from them at your own risk.

5.2.1 Add a PPA

You can use the Muon Discover to add a PPA:

How-to: Open the Launchpad PPA overview page in your browser. Look for the location of the PPA in the ‘Adding this PPA to your system’ section.

Open Muon Discover. Select Sources, Configure Software Sources in the window. Enter your administrative password at the prompt. Left-click on the ‘Other Software’ tab. Left-click the ‘Add...’ button. Paste the location you got from the PPA’s overview page into the text box. Left-click the ‘OK’ button to add the repository. Left-click the ‘Close’ button. A prompt will appear to update the package list. Muon will now be allowed to find the newly available software.

You can use the command line to add a PPA on 9.10 Karmic Koala or newer Kubuntu systems:

How-to: Visit the Launchpad PPA overview page. Look for the location of the PPA in the ‘Adding this PPA to your system’ section.

Open a terminal window. Add the PPA to your system by entering this command in the terminal window, replacing Location with the location you got from the PPA’s overview page: `sudo add-apt-repository Location` Update the package index by entering this command in the terminal window: `sudo apt-get update` You can now install software from the PPA.

5.2.2 Remove a PPA

You can use the Muon Discover to add a PPA:

How-to: Open the Launchpad PPA overview page in your browser. Look for the location of the PPA in the ‘Adding this PPA to your system’ section.

Open Muon Discover. Select Sources, Configure Software Sources in the window. Enter your administrative password at the prompt. Left-click on the ‘Other Software’ tab. Left-click the ‘Add...’ button. Paste the location you got from the PPA’s overview page into the text box. Left-click the ‘OK’ button to add the repository. Left-click the ‘Close’ button. A prompt will appear to update the package list. Muon will now be allowed to find the newly available software.

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SOFTWARE

Short guide to the software which is included in your Kubuntu installation.

6.1 Graphics

Some basic graphics applications are installed in Kubuntu by default, allowing you to create, view, scan, and manipulate images. The following applications are installed by default:

- [Okular](#) is a universal document viewer for many kinds of documents: PDF, Postscript, !DjVu, CHM, XPS, ePub and others.
- [LibreOffice Draw](#) is an all-purpose diagramming and charting tool which lets you produce anything from a quick sketch to a complex plan, and gives you the means to communicate with graphics and diagrams. With a maximum page size of 300cm by 300cm, Draw is a an excellent package for producing technical drawings, general posters, and much else.
- [Skanlite](#) is a simple image scanning application.
- [Gwenview](#) is an image viewer with many features.
- [Kamoso](#) is a webcam recorder from the *KDE* community.
- [KSnapshot](#) is the best at desktop screenshots, simple and sweet.

6.2 Internet

6.2.1 Browsers

Firefox is the default browser shipped with Kubuntu, the most popular open-source browser in the world. For more information on how to use Firefox see the [Firefox Help Page](#).

Export your bookmarks

To export your bookmarks from Firefox

1. Click on the Bookmarks menu item
2. Select Show All Bookmarks or Ctrl+Shift+o
3. A new window will appear. Select Import and Backup

> Tip: Note where you save your bookmarks (by default in ~/yourfilename)

Import your bookmarks into Firefox

Click for guide to [import your bookmarks into Firefox](#).

6.2.2 Email Clients

There are many options when it comes to email clients. In Kubuntu, Kmail is default email client, either as a stand-alone client or as part of the Kontact personal information manager (PIM). Kmail is the email component of Kontact, the *KDE* personal information manager (PIM). Kmail by itself is similar in functionality to other popular email programs, while Kontact is as full-featured as the fanciest personal information managers (PIMs), as it can be configured with calendars, address books, notes, an RSS reader, time tracking, journals and simple project planning. The following are just some of the features of Kmail:

- IMAP, POP3, SMTP support
- SSL, TLS, and Digest-md5 secure logon support
- PGP and GNUPG signatures and encryption support
- HTML reading, spam filtering, internal character sets, search and filter functions, spell checking, and robust searching. More information on Kmail can be found in the [KMail documentation](#).

6.2.3 Chat Clients

Chatting with friends and family is a popular use of the internet, and Kubuntu provides the necessary applications. There are two default chat clients installed in Kubuntu - *KDE Telepathy* for instant messaging, and Quassel for chatting on IRC (Internet Relay Chat).

- *KDE Telepathy* is already installed and ready to configure.
- *Konversation* is the IRC (Internet Relay Chat) client pre-installed in Kubuntu. Not only does it provide functions similar to those of other popular IRC clients such as ‘X-chat’, its design emphasizes ease of use. Konversation includes tabbed browsing and notification of messages and other events.

KDE software connects you to the world. See [Internet, Networking, & Communication](#) for more.

6.3 Multimedia

The best in multimedia is installed when you open your new Kubuntu installation. If you get an error message about “missing codecs” please install kubuntu-restricted-extras. You can find your Multimedia applications through Kickoff->Applications->Multimedia.

The following applications are installed by default:

- *Pulseaudio* keeps all your sound and video inputs and outputs working together. If you need to direct your audio or video output to other devices, install the pavucontrol package, launch it by pressing Alt + F2, then type pavucontrol.
- Exploring your music in Kubuntu is exciting with the pre-installed Amarok music player. For more about how to use and customize it see [Amarok](#).
- *K3b* is a simple, powerful and highly-configurable graphical optical disk burning application for audio, video, data projects.
- *Kmix* controls all your audio channels.
- *Dragon Player* is a simple interface for playing your movies, TV shows, and music.

6.4 Office

The default office suite installed in Kubuntu is LibreOffice. It includes Calc, Draw, Impress, Math, Base and Writer. This suite is the open source equivalent of the Microsoft Office suite and each application corresponds to a similar product in that line.

- Calc = Excel
- Writer = Word
- Impress = PowerPoint
- Base = Access

LibreOffice works well with the files created by their Microsoft counterparts, with the exception of Microsoft Access files. For more information see [LibreOffice](#).

6.4.1 Personal Information Manager (PIM)

Installed with your system is the *KDE* Personal Information Manager Kontakt. This includes many tools to manage your life.

- email
- contacts
- diary
- notes
- feeds
- to-do list

Please see [Kontact](#) for more details and help with this powerful set of tools.

6.5 System Settings

Information on adjusting system settings can be found at [System Settings](#).

6.6 Utilities

Your newly installed Kubuntu system has some utilities already installed. One of the most useful is not in your menus; just press ALT + F2. Look at the top of your screen; there is one of your most powerful utilities, called Krunner. See more here: [Krunner](#).

- [Kate](#) is the default text editor for KDE. It has many great features for editing plain text or writing code in many different languages.
- [Ark](#) is the default tool for handling archives of files such as tar, gzip, bzip2, zip, rar and 7z.
- [Klipper](#) is a clipboard to hold copied text for later use. Unlike other clipboards it will hold your entire copied text, rather than just one line.
- [KNotes](#) is a sticky-note application to post notes on your desktop.
- [KCalc](#) offers basic calculator functions and much more.

- [Konsole](#) is the KDE terminal emulator, it can be used to run console shells.

6.6.1 Bash

Bash is the default shell in Konsole and the terminals. Click for more on [using the Terminal](#).

6.7 Firewall configuration

Ufw is the default commandline configuration tool for the firewall. Ufw stands for Uncomplicated Firewall, it is developed to ease iptables firewall configuration. For more information about ufw see: [UFW](#)

CONTRIBUTE

The Kubuntu community is made up of individuals and teams working to package software, test it, triage bugs, and then promote Kubuntu to a wider audience. All of the software, artwork, and documentation has been created, tested, used, and discussed openly by people around the world participating in the Open Source community made possible by the Internet. We invite you to help shape Kubuntu to better meet your needs.

7.1 Spreading the word

The easiest way to give back to the Kubuntu community is by sharing Kubuntu with others. Recommend Kubuntu to others, show them how to download and install it, and discuss the possibilities and qualities of Open Source Software with them. As our community grows, it becomes more vigorous and supported.

7.2 Giving support and getting it

Providing support is an awesome way to give back to the community because it is not required to have advanced skills or know everything about Linux or Kubuntu. You'll actually end up learning more as you help others, which increases your own knowledge and skills. This can be a gateway to learning other things, from bug triaging to packaging, and perhaps even to programming. Also, it is quite rewarding to fix the system of someone who is on the other side of the world!

You can give support and get it in the IRC channels, through the [Kubuntu Users Mailing List](#), or through the [Kubuntu Forums](#), [Ubuntu Forums](#), and [KDE Forums](#).

7.3 Subscribe

To begin using the mailing lists, please subscribe. Subscribing allows you to post a message without having it sit in an authorization queue, and allows you to receive messages from others who are also subscribed to the mailing list.

Before you send a message, check to see if the topic has been raised in the past. To do this, use Google to search the archives.

7.3.1 Kubuntu Users

- [Register](#)
- [Archive](#)

7.3.2 Kubuntu Development

- [Register](#)
- [Archive](#)

7.3.3 Kubuntu Documentation

- [Register](#)
- [Archive](#)

7.4 Kubuntu IRC Channels

#kubuntu The official Kubuntu Support channel

Connect to #kubuntu on the web here: [#kubuntu](#)

#kubuntu-offtopic For off-topic chatter with your fellow Kubuntu users

#kubuntu-devel This is the channel where the developers hang out

7.5 Bug Reporting

Filing good bugs is very important to improving the quality of Kubuntu. For information about filing bugs and writing useful bug reports, see [Bug Reporting](#).

For typical responses that you will likely get from upstream *KDE* developers, see [Bug Responses](#).

7.6 Local Teams

If you want to meet other Kubuntu users in your area, look for a Local Ubuntu Community team (LoCo team for short) to join.

- [LoCo portal](#)
- [LoCo Team List wiki](#)

7.7 Packaging and Development

Information about making packages and helping to [develop Kubuntu](#).

7.8 Translations

Kubuntu welcomes all translators from all over the world. Translating Kubuntu helps usage by people who are more comfortable with their mother tongue. The required translations can be found here, [Kubuntu Translation](#).

7.9 Testing

Being a Kubuntu tester involves running bleeding-edge software, testing ISO's to see if they install correctly, and testing packages to confirm that a bug is fixed. If you want to help test Kubuntu, see [Kubuntu Testers](#).

7.10 Membership

Have you found your spot in our community? Why don't you go grab an awesome Ubuntu Membership! Just follow this [link](#)!

SUPPORT

8.1 Contact and Support

There are three ways to contact with the Kubuntu Project; mailing lists (email), Internet Relay Chat (IRC), and the forums.

8.1.1 Mailing Lists

Mailing lists are the Kubuntu Project's official communication tools. They allow for email discussion and have searchable archives.

Subscribe: To begin using the mailing lists, please subscribe. Subscribing allows you to post a message without having it sit in an authorization queue, and allows you to receive messages from others who are also subscribed to the mailing list.

Before you send a message, check to see if the topic has been raised in the past. To do this, use Google to search the archives.

Refer to the Contribute Page for more infomation about Mailing Lists.

8.1.2 Internet Relay Chat

IRC allows you to communicate in real-time with many others who are also using IRC and are on common networks and channels. For more information about IRC clients, see the Chat Clients section on the Sofware Page. You can also use your browser to chat. To do so, go to the [Webchat](#) page.

Refer to the Contribute Page for more infomation about IRC Channels.

8.1.3 Forums

Kubuntu Forums are located at: [Kubuntu Forums](#)

8.1.4 Application Help

In most *KDE* applications there is a 'Help' button in the toolbar that will lead you to the handbook. For general *KDE* documentation, see [KDE Documentation](#) and [KDE Userbase Wiki](#).

8.2 Kubuntu Phone Support

If you or your organisation needs help with your computer systems running Kubuntu but you don't want to worry about the best IRC channel to ask in you can pay some money and phone up the office in England to get some help. They will use phone, e-mail, Google hangout, Skype, VNC and any other method you like to help diagnose the issue and resolve it for you.

[Click here for more information](#)

**CHAPTER
NINE**

INDICES AND TABLES

- genindex
- modindex
- search