

RELEASE

This project has been 1 and ½ years in the making with countless hours testing and refining: We have live sites who have assisted us greatly in testing and troubleshooting the environment.

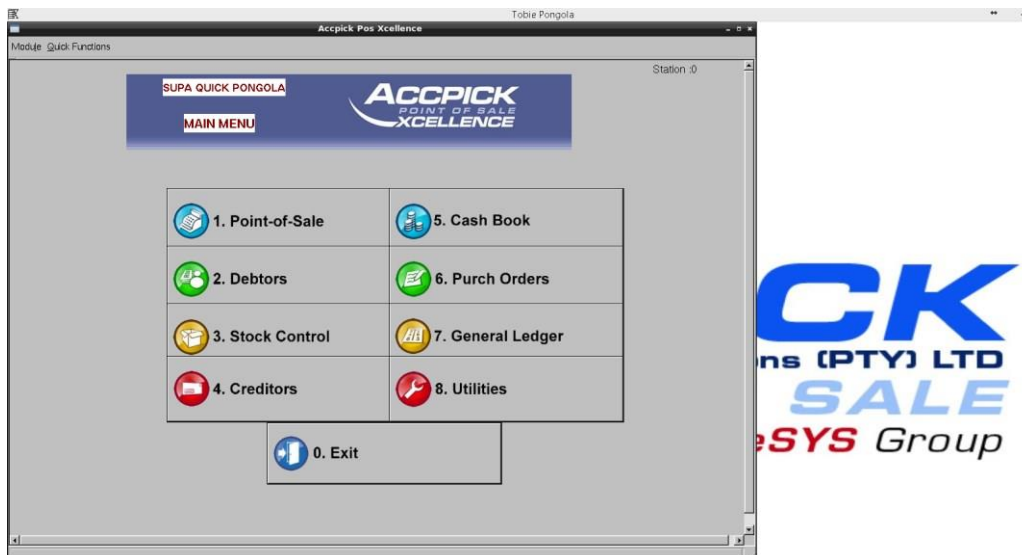
New Accpick Cloud based server:

The new 64 bit version of Accpick looks and feels the same as the previous version, the difference, it now runs on any platform via the internet on a cloud server.

Using Ubuntu16 Previously Accpick ran and still runs on Linux Gentoo .

A cloud server is a logical server that is built, hosted and delivered through a cloud computing platform over the Internet. Cloud servers possess and exhibit similar capabilities and functionality to a typical server but are accessed remotely from a cloud service provider.

Cloud servers probably hold the best stability / cost ratio performance. They do not suffer from the usual **server** hardware problems and they have all **Cloud** computing, **benefits**, i.e. they are stable, fast and secure. On the other hand, **cloud servers** are economically more efficient than the standard dedicated **servers**.



PHYSICAL SERVER COST

Consider a new PHYSICAL server costs between R 8000 and R20,000 depending what you use. ie PER MONTH $R 15,000 / 48 = R 312$ a month

Excludes Technical hardware maintenance R 1,500 an hour plus running cost electricity, air conditioner, rent @
R 2.00 per hour x 720 hours a month = R1,752.00 these are called **HIDDEN COSTS**

ACCPICK CLOUD SERVER

Our servers start at R 550 + vat a month
Require internet connection and consider a backup solution

CLOUD SAVING on hidden costs

Expect to save R 1250 + vat a month, No need to purchase hardware server again, Simple to upgrade RAM or disk space at a small cost easy to clone duplicate

Ubuntu 16

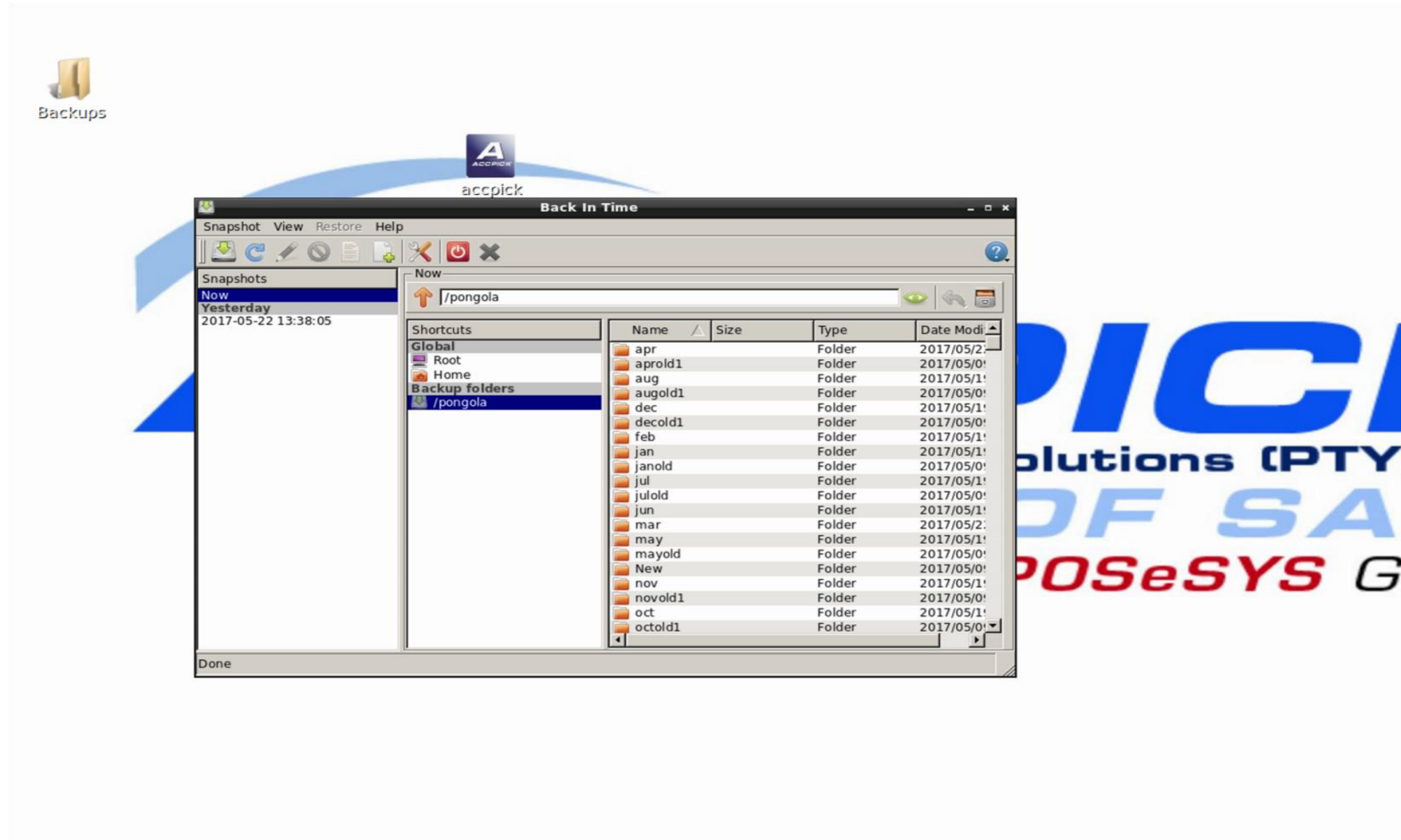


CONTINUOUS BACKUP

Pre set to backup every 2 hours or less to local drive and copy a backup to second remote Accpick Backup server

User can also do backup themselves via the GUI interface - no CDs or USB required

Accpick can roll back to a live snapshot at 2 hour intervals

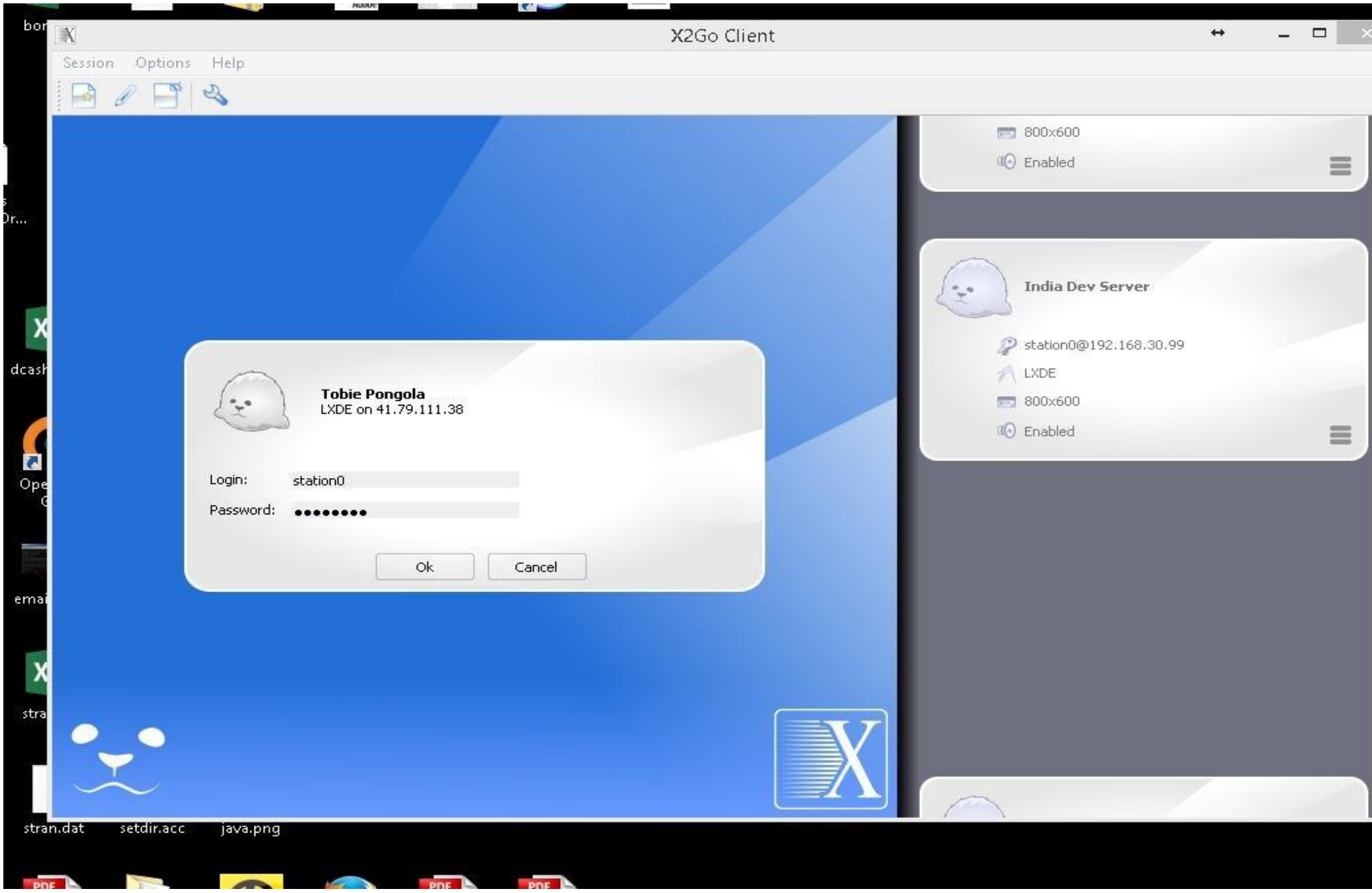


X2go Terminal to access Cloud server

X2Go is a server based computing environment with


- session resuming

- low bandwidth support
- LDAP support
- client side mass storage mounting support
- audio support
- authentication by smartcard and USB stick x2goclient is a graphical client (Qt4) for the X2Go system. You can use it to connect to running sessions and start new sessions.



X2Go Client

Session Options Help

 **Tobie Pongola**
LXDE on 41.79.111.38

Login:

Password:

 800x600

 Enabled 

 **India Dev Server**

 station0@192.168.30.99

 LXDE

 800x600

 Enabled 

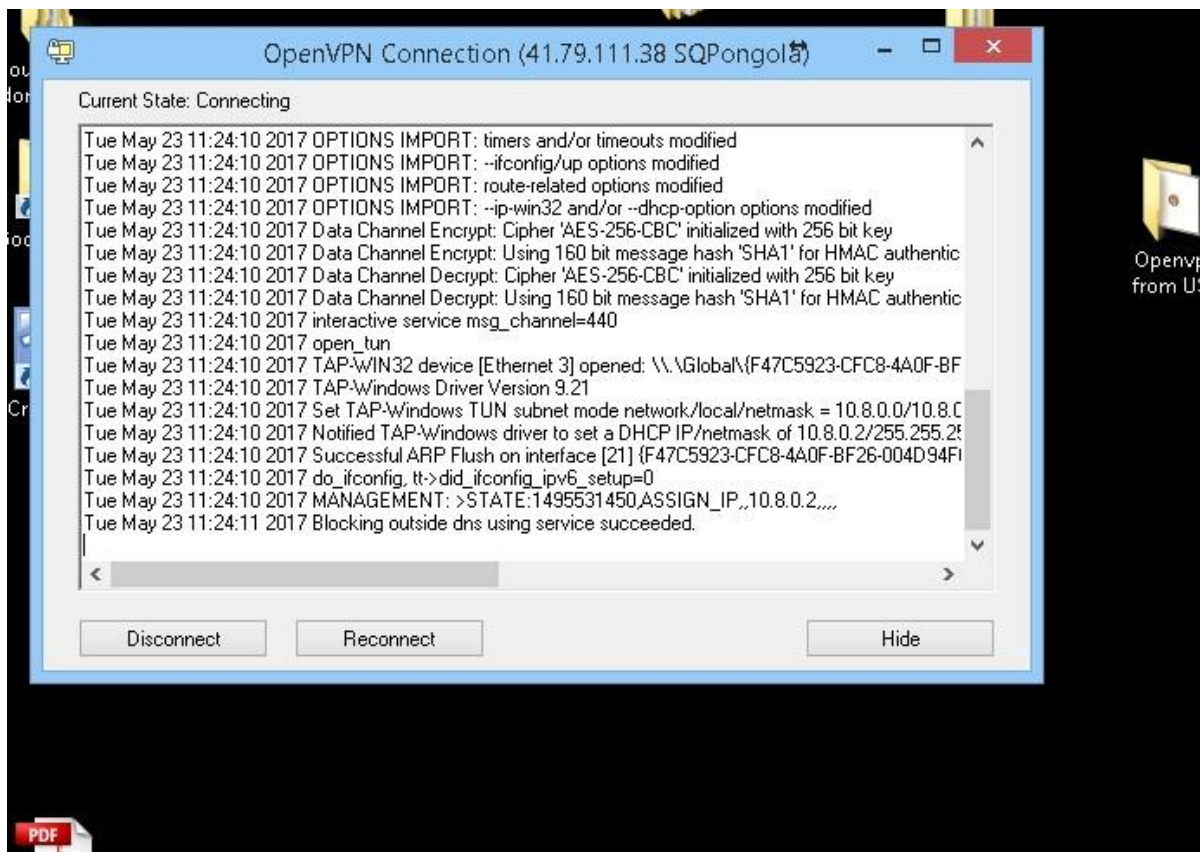
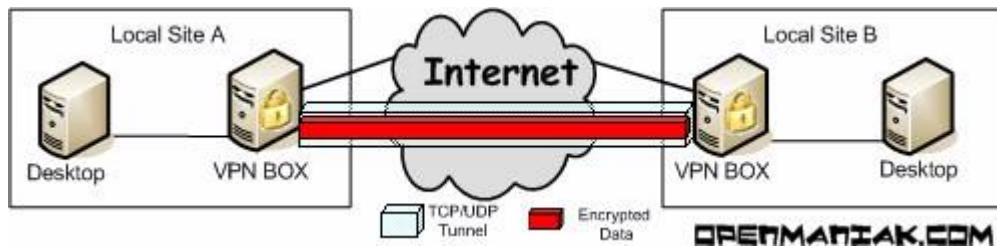


stran.dat setdir.acc java.png



VPN secure access to the cloud server

A **virtual private network (VPN)** is a network that is constructed using public wires — usually the Internet — to connect to a private network, such as a company's internal network. There are a number of systems that enable you to create networks using the Internet as the medium for transporting data.





How new Accpick works compared to past.

Accpick runs on a Linux server the only way to connect from many different locations and windows pc is to use a remote desktop software NX (no machine or x2go(won't work on gentoo too old)
Once connected to the sever we need a windows look and feel so we chose lxde)

Genoo Linux used the desktop called **KDE**

KDE ([/,keɪdi:'i:/](#)) is an international [free software](#) community^[1] developing free and libre software like [Plasma Desktop](#), [KDE Frameworks](#), and many [cross-platform](#) applications designed to run on modern [Unix-like](#) and [Microsoft Windows](#) systems. It further provides tools and documentation for developers to write such software, which makes it a central development hub and home for many popular applications and projects like [Calligra Suite](#), [Krita](#), [digiKam](#), and many others.

Ubuntu 16

LXDE (abbreviation for **Lightweight X11 Desktop Environment**) is a free desktop environment with comparatively low resource requirements. This makes it especially suitable for resource-constrained personal computers such as netbooks or system on a chip computers.

LXDE is a minimalistic desktop environment, somewhat like **Windows XP in look and feel**. It is designed to run on legacy hardware which requires a desktop environment that has minimal system requirements.

You can see the difference below on the left is **x2go** running the **LXDE** and on right is **Nx** running **KDE**



Please see the windows programs that connect to Accpick

UBUNTU 16 uses X2GO on left **and Gentoo** uses NX nomachine on right