



# Welcome to Got FOSS

a presentation on Free Open Source Software

Offered by the Washoe County Library System

Presenter: Todd Goatley



# Housekeeping

- This presentation is offered by the Washoe County Library System.
- My name is Todd Goatley and my county email is: [tgoatley@washoecounty.us](mailto:tgoatley@washoecounty.us)
- This slide presentation can be found on our webpage: [http://www.washoecountylibrary.us/open\\_source.html](http://www.washoecountylibrary.us/open_source.html)
- The software suggested here (though it is used in some fashion by the Library IT Systems team) must be used at your discretion.
- You will find a great deal of information on FOSS (Free Open Source Software) at our website.



# FOSS – Free Open Source Software

- **FOSS definition and description – 5 to 10 minutes**
- **Main topics to be discussed**
  - Open Office – 20 minutes
    - Where to find it and how it will to make it work for you
  - Linux – 20 minutes
    - Your next well advised move in operating systems
- **Open Discussion – 10 to 15 minutes (or as time warrants)**
- **Classes will be coming!**
  - Watch our website for listings
- **Where can you find more information**
  - Website(s) -
  - [http://www.washoecountylibrary.us/open\\_source.html](http://www.washoecountylibrary.us/open_source.html)



# So, what's FOSS?

## **F stands for Free.**

Free software comes without a cost to the user.

## **OSS stands for Open Source Software.**

**F.O.S.S.** allows an individual the freedom and right to use software licensed under an open source agreement. The individual may use the software as is or may make changes as needed. This use may or may not come with a cost depending on the developer's software philosophy. **Open source** software can be used, studied and/or modified dependent upon the needs of the user and any modifications are still held to the open source guidelines and criteria.

*Proprietary software* is on the other end of the spectrum and is another name for non-free software and the coding is closed.

Free Software is better than Open Source -

<http://www.gnu.org/philosophy/free-software-for-freedom.html>



# FOSS Flow

Free

Free software comes without a cost to the user.

Open Source Software

**F.O.S.S.** allows an individual the freedom and right to use software licensed under an open source agreement. The individual may use the software as is or may make changes as needed. This use may or may not come with a cost depending on the developer's software philosophy. **Open source** software can be used, studied and/or modified dependent upon the needs of the user and any modifications are still held to the open source guidelines and criteria.



# Free Software & Websites

FreewareFiles.com (a great site to find categorized free software) - <http://www.freewarefiles.com/>

cnet Freeware downloads (ditto the above link) - <http://download.cnet.com/windows/>

Ubuntu (the Microsoft Operating System alternative) - <http://www.ubuntu.com/>

OpenOffice.org (the Microsoft Office alternative) - <http://www.openoffice.org/>

Scribus (Microsoft alternative desktop publisher) - <http://www.scribus.net/>

Gimp (the Adobe Photoshop alternative) - <http://www.gimp.org/>

IrfanView (A fast free image viewer/converter for Windows) - <http://www.irfanview.com/>

Picasa (free Google photo editor, organizer and manager) - <http://picasa.google.com/index.html##>

Audacity (audio editor, recorder and converter) - <http://audacity.sourceforge.net/>

avast! 4 Home Edition (first choice for anti-virus) - <http://www.avast.com/free-antivirus-download>

AVG Anti-virus - <http://free.avg.com/us-en/download?prd=afg>

Clam AV (an anti-virus software) - <http://www.clamav.net/about/win32/>

Google Earth - <http://earth.google.com/>

Adobe Reader - <http://www.adobe.com/>

Skype – (VOIP Voice over IP) - <http://www.skype.com/>

7-Zip (Multi-format file archiver) - <http://www.7-zip.org/>

Thunderbird (email client (combine with Lightning Calendaring)) - <http://www.mozillamessaging.com/en-US/thunderbird/>

Lightning - <https://addons.mozilla.org/en-US/thunderbird/>

VirtualBox (a way to load and run different Operating Systems within your Operating System) - <http://www.virtualbox.org/>

Firefox (free Internet browser that's better than Internet Explorer) - <http://www.mozilla.com/en-US/firefox/upgrade.html>

CD BurnerXP - <http://cdburnerxp.se/en/home>



Brought to you by the Washoe County Library System: [http://www.washoecountylibrary.us/open\\_source.html](http://www.washoecountylibrary.us/open_source.html)



# OpenOffice – it's FREE!



- OpenOffice Writer
  - Used to create text documents



- OpenOffice Calc
  - Used to create spreadsheets



- OpenOffice Impress
  - Used to create presentations



- OpenOffice Base
  - Used to create databases



- OpenOffice Draw
  - Used to create diagrams



- OpenOffice Math
  - An equation creator/editor





# OpenOffice

**OpenOffice** is a text, computational, and presentation software package (think, Microsoft Office). The software includes comparable Microsoft Office software (except Publisher) and then a few products more. Here are the comparisons of software between OpenOffice and Microsoft Office:

- **OpenOffice Writer** similar to **Microsoft Office Word**
- **OpenOffice Calc** similar to **Microsoft Office Excel**
- **OpenOffice Impress** similar to **Microsoft Office Power Point**
- **OpenOffice Base** similar to **Microsoft Office Access**
- **Scribus** similar to **Publisher (a FOSS outside of OpenOffice)**



Other programs in OpenOffice include **Draw**, which is a Diagram/Paint like program and **Math** which is a program that allows you to work out or develop math computations.

**OpenOffice** is used throughout the world. Households, industries (i.e. IBM) and the European countries use OpenOffice extensively. The European countries also use an Open Source operating system (again think FREE) called Linux (like Microsoft XP, Vista or Win7) which comes automatically with OpenOffice.

**OpenOffice** is an incredible application that will allow you to **create, open and save** documents. It also allows you to **make** changes to Microsoft Word, Excel, Power Point and Access and you can share the documents that you have created with others that have either OpenOffice or Microsoft Office as long as it is saved in a recognizable extension.



# OpenOffice continued

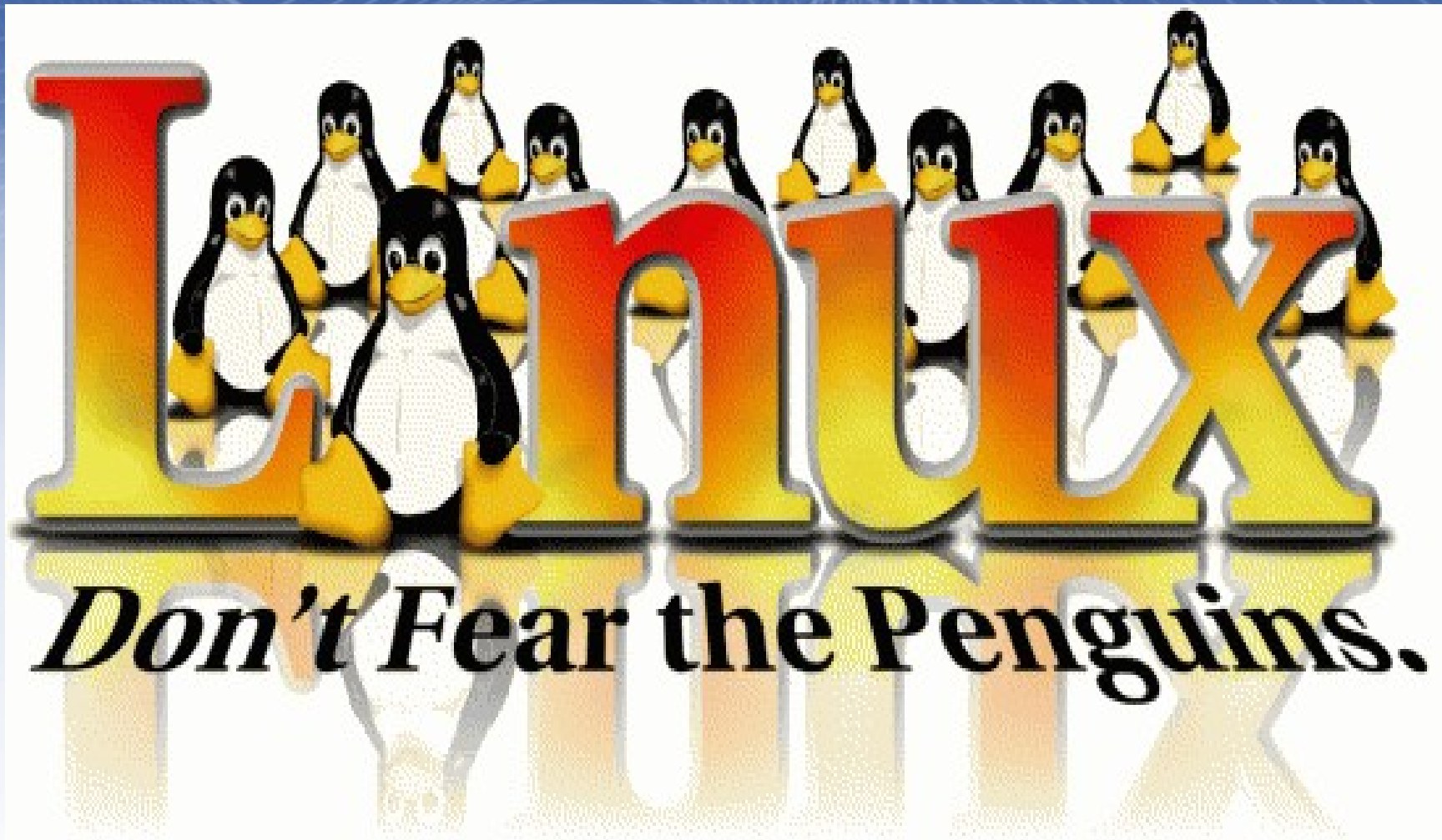
## More specifics



- The OpenOffice software includes comparable Microsoft Office software (except Publisher) in addition to several more products. It is developed with the international open document format (ODF) extension standards which allows you to save a document in many formats including the Microsoft extension standards (.doc, .xls, .pps)
  - OpenOffice can be found at: <http://www.openoffice.org>
- Add the OpenSource Desktop Publisher called Scribus that will compliment your home or office PC
  - Scribus can be found at: <http://www.scribus.com>

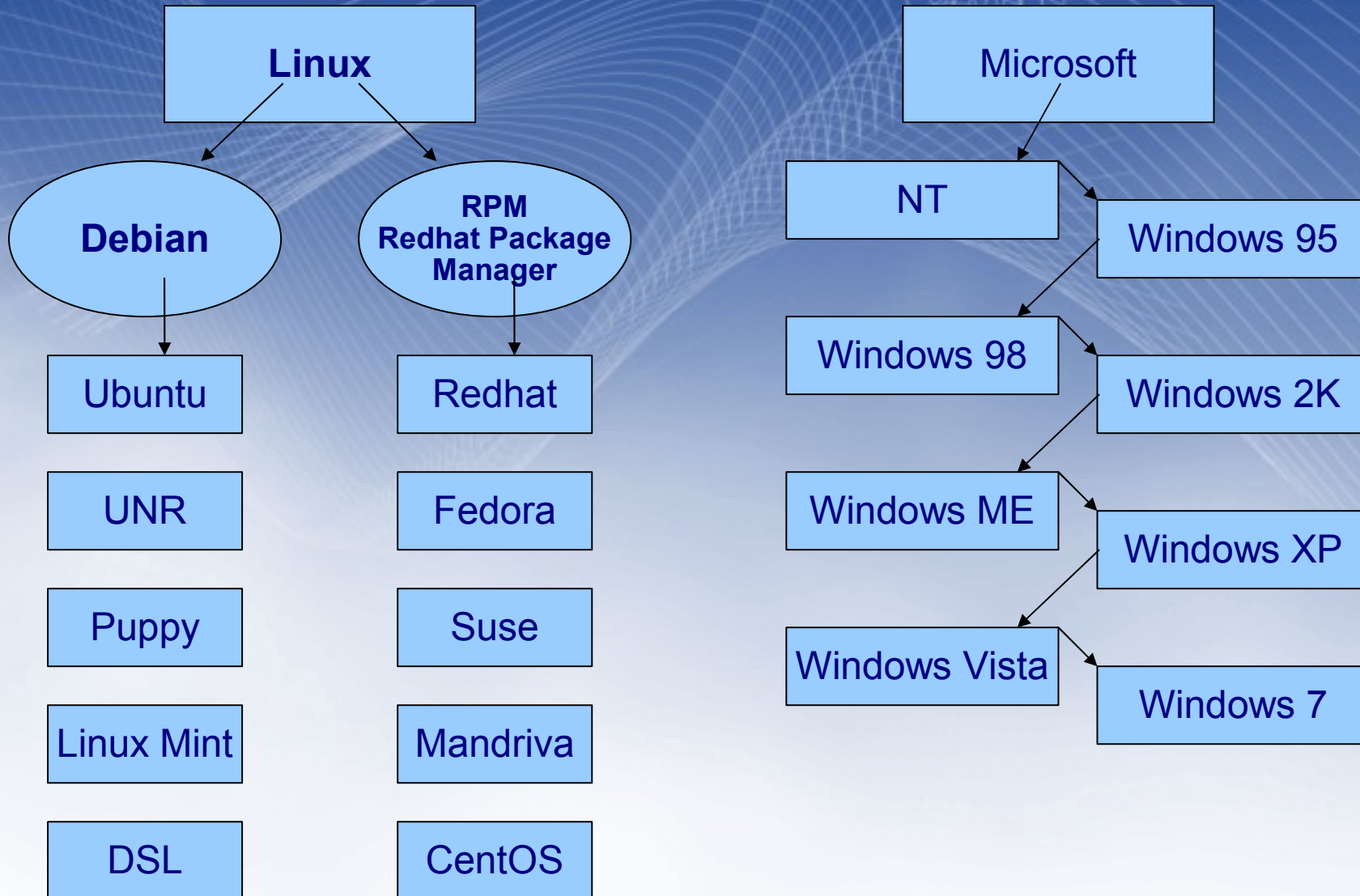


# Linux – what a wonderful world





# Linux & Microsoft product flow





# Linux – The introduction

## Linux, not just a trademark.

- Linux is a FOSS Operating System, similar to Windows
- Linux is free with an option to purchase assistance
- Linux gives you the tools you need to accomplish your tasks
- Linux offers stability and security
  - Folks brag about the uptime of there server or PC
  - Viruses for Linux are almost non-existent
- There are 100+ distributions of Linux operating systems that can accommodate even the most discriminating tastes
  - PC, Servers, Laptop, Netbook, Slate or Phone



# Linux - What can you expect?

- Linux is ready to go as soon as you load it onto your computer.
- Linux desktops and servers are robust and secure
- Software that comes standard and available without purchase are: Firefox web browser, Gimp photo editing program, and OpenOffice document creator to name a few.
- You can find software to fit your needs easily through the Linux application repository called Synaptic Package Manager through a search or specific selection adding it to your collection of software.



# Linux – Getting more specific



# ubuntu

linux for human beings



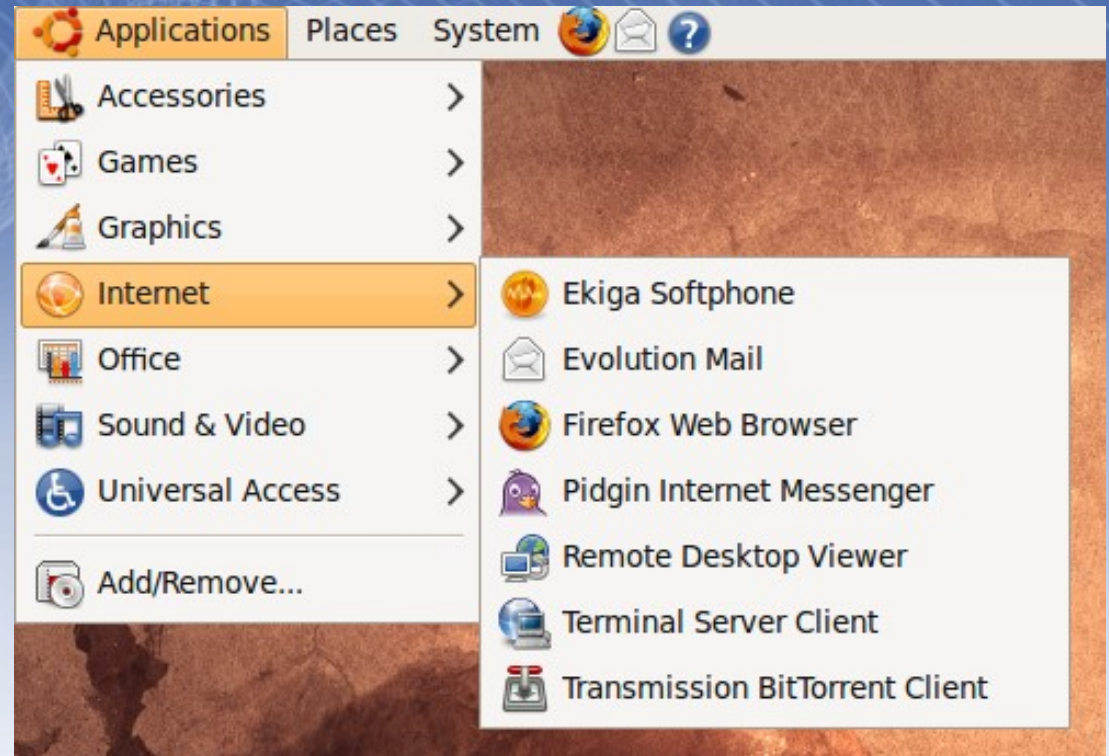
# Ubuntu - What is Ubuntu?

- Ubuntu/Linux is a Debian-based, operating system for desktops, laptops, and servers
- Ubuntu is completely Free and Open Source Software
- Ubuntu officially supports Intel x86, AMD 64-bit
- Ubuntu is the operating system that the Washoe County Library System is evaluating for use



# On-line with Ubuntu

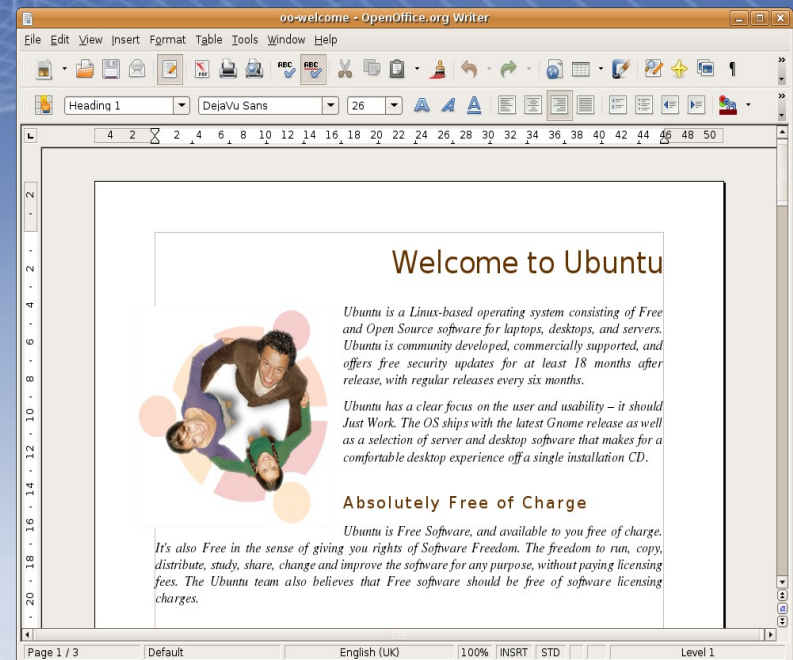
- Browse the web
- Send email
- Chat with friends
- Video conferencing





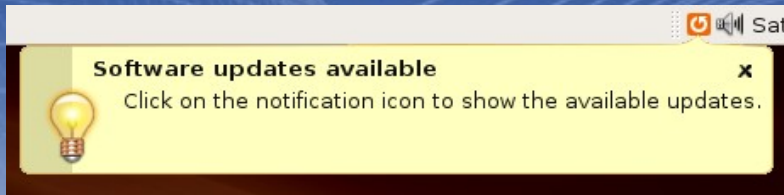
# Office tools

- Create presentations
- Build spreadsheets
- Write, edit documents
- Create databases
- Compatible with other office productivity products





# Free Security Updates



- Automatic announcements
- Easy to follow instructions

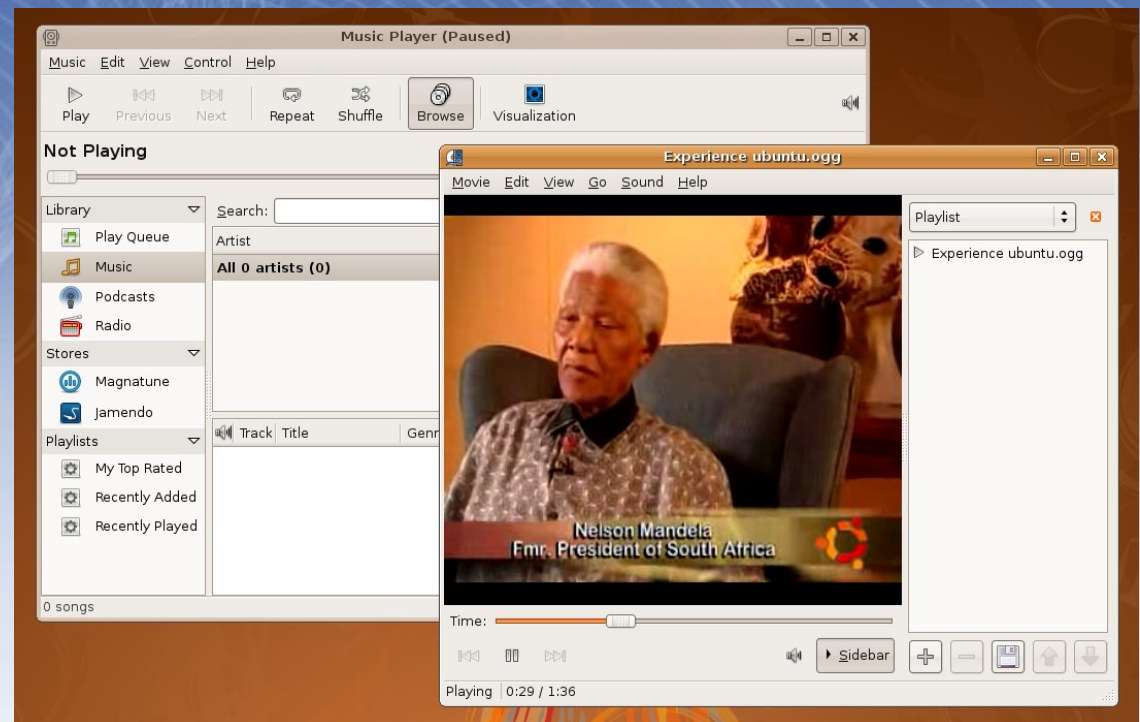




# Multimedia

Play and manage:

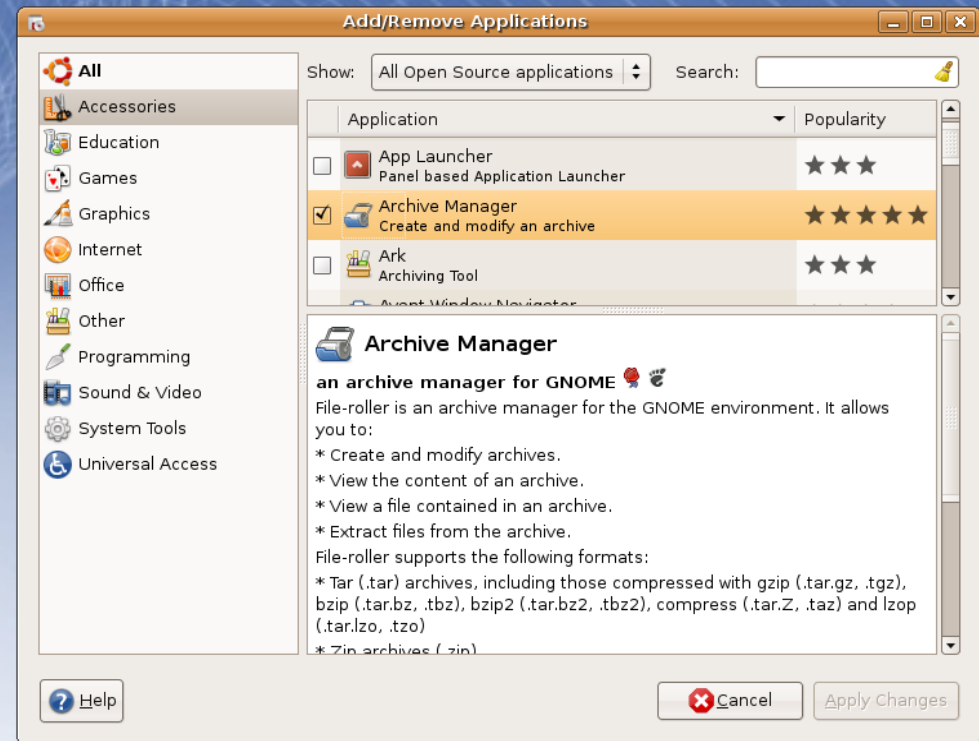
- Music
- Podcasts
- Web radio
- Videos
- And much more





# Add/Remove Programs

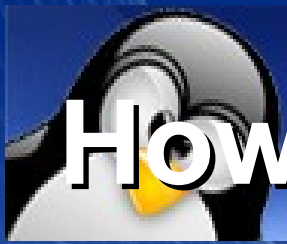
- Hundreds of free software packages
- Secure and simple package manager
- All at the click of a button!





# And much more...

- **Accessibility**
  - simple high visibility themes
  - screen magnifiers and screen readers
  - on-screen keyboard
- **Documentation**
  - System documentation through the Help program
  - Ubuntu Desktop Guide
  - Ubuntu Server Guide



# How about some links to help out!

- Washoe County Library's OpenSource web page
  - [http://www.washoecountylibrary.us/open\\_source.html](http://www.washoecountylibrary.us/open_source.html)
- OpenOffice
  - <http://www.openoffice.org>
- Linux
  - <http://www.ubuntu.com>
    - [tgoately@washoecounty.us](mailto:tgoately@washoecounty.us)



**ubuntu**  
linux for human beings