Sun City Summerlin Computer Club

Seminar

Desktop Linux Mint
What's New

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Where to Find the Materials

- **Sun City Summer Computer Club Website:**
  - **http://www.scs-cc.com/smnr/Desktop_Linux_Mint.pdf**

Seminar Agenda

- **Introduction**
- **Linux Advantages**
- **Linux Disadvantages**
- **Popular Free Desktop Linux "Distros"**
  - **Where to get Linux**
  - **Direct Boot from CD/DVD**
- **Install and Demo – Linux Mint w Xfce**
- **Demo – Linux – Zorin OS**
- **Demo – OpenSuse Linux**

Desktop Linux Mint

Introduction

- **Linux is an open-source operating system**
  - **Originally written by Linus Torvalds**
  - **Looks and acts much like Bell Labs' Unix**
  - **Widely used today as a server operating system**
- **Linux now has many derivative distributions ("distros")**
  - **There are now many versions of Linux for the desktop**
  - **http://www.linux.com**
  - **http://www.linux.org**
  - **http://distrowatch.org/**
- **We'll look at one of the most popular desktop distros Linux Mint 18.3**
- **The Mint distro is available as "boot and run" DVDs**
  - **Usually you can also install from the boot and run distros**
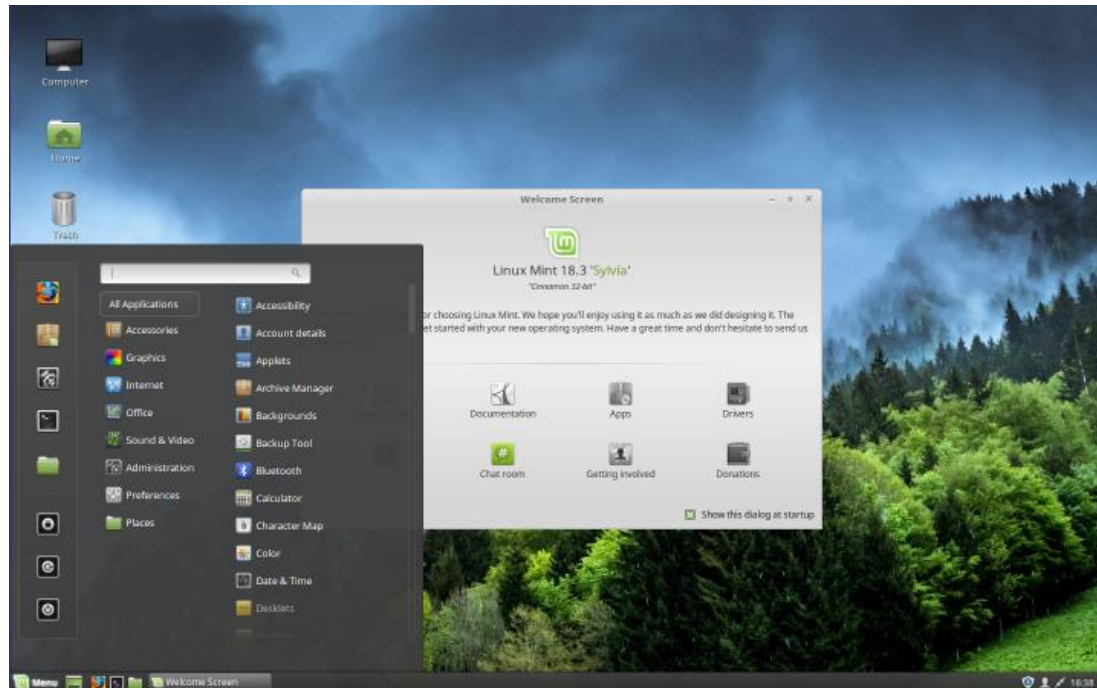
Desktop Linux Mint Advantages

- **It's FREE**
- **Hardware requirements are generally less than for Windows or Mac OS**
- **Includes a rich set of free bundled apps**
  - **Web browsers**
  - **E-mail**
  - **Office Suite**
  - **Image editors**
  - **Multi-media**
- **Linux Mint distros are well-supported**
- **Linux is generally more secure**
  - **Small user base is not an attractive malware target**
  - **Linux system design is innately more secure**

Desktop Linux Mint Disadvantages

- **It's not Windows or Mac OS**
  - **Windows apps don't run natively (but you there is a compatibility system called WINE)**
  - **You will have to do some learning
(but the Mint distro looks and act a lot like Windows)**
- **If you need help or training, there's far less available**
  - **Don't expect telephone support – especially from third parties like Cox or CenturyLink**
  - **Most distros DO have good online support forums**
  - **Plan on being much more self-reliant**
- **Getting updates or patches isn't as automatic**
  - **This may actually be a GOOD thing.**

Linux Mint Cinnamon Distro (1)

- **Based on Ubuntu**
  - **http://www.linuxmint.com/**
  - **Versions for 32-bit and 64-bit x86 processors**
  - **Download the .iso, burn to a DVD or flash drive and then boot to install**

Desktop Linux Mint

Linux Mint Cinnamon Distro (2)

- **Looks and acts much like Windows 7**

- **Our demo version uses the "Cinnamon" desktop (In all, there are *four* choices of desktop)**

- **Extensive set of applications and tools including**
  - **File Browser (like Windows File Explorer)**
  - **FireFox Web browser**
  - **Thunderbird E-mail**
  - **Libre Office Office Suite**
  - **GIMP Image editor**
  - **VLC Multi-media**

- **Also can access a huge library of free applications**

Desktop Linux Mint

Install Linux Mint in a Virtual Machine

- **Start Virtual Box (can get from https://www.virtualbox.org)**
- **Create a new, empty virtual machine for Linux (2 GB RAM)**
- **Place the Linux Mint setup DVD in the drive or link the virtual DVD to an image (.iso) of the setup DVD.**
- **"Start / boot" the [empty] virtual machine just created.**
- **If the virtual BIOS doesn't detect the DVD, check the menus at the top. Enable the DVD. Make sure it's first in the boot order.**
- **Follow the step by step for the Linux Mint setup.**
  - **Let Linux Mint partition and format the entire drive**
  - **Answer a few setup questions.**
  - **Finish the setup.**
- **Finally reboot into Linux Mint in the VM.**

Desktop Linux Mint

BIO BREAK

Desktop Linux Mint

Linux Mint Cinnamon Distro (3)

- **Let's look at Linux Mint Settings**
  - **Desktop**
  - **Package Manager (install / uninstall Apps)**
- **Let's Explore the Mint Start Menu and a Few Apps**
  - **File Explorer / Manager**
  - **Web Browser (FireFox)**
  - **E-mail (Thunderbird)**
  - **Libre Office Office Suite**
  - **GIMP Image editor**

Desktop Linux Mint

Final Q and A

**Final
Questions
and
Answers**

Desktop Linux Mint