

Ubuntu

the human touch!

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Ubuntu Tunisian LoCo Team

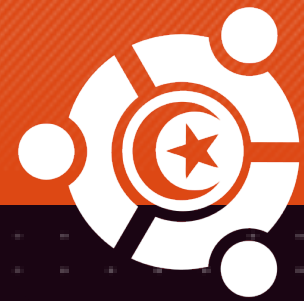


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Ubuntu-TN LoCo Team

What is a LoCo Team



- A Local Community in each country
 - Provides local support, assistance and other...
- LoCo Teams have an approval process by the LoCo Council
- Ubuntu-TN officially founded in 2007
- Ubuntu-TN Approved in 2008/2010/2013
- First approved in MENA region
- Second approved in Africa
 - After South Africa



How it works?



Ubuntu-TN

- Canonical / Ubuntu Foundation
- International Community
- LoCo Council
- Ubuntu-TN
 - Management Committee
 - Freedom Fighters
 - Members

What do we do?



Ubuntu-TN

- Conferences
- Trainings
- Workshops
- Support and assistance
- Local, National and International Events
- Contribution and development of Ubuntu
- Translation and testing of Ubuntu

The background features a dark gray field with a fine grid of small white dots. Overlaid on this are several concentric circles and a central five-pointed star. The circles are rendered in a lighter gray, creating a layered effect. The star is positioned at the center of the innermost circle.

Training Sessions

Session 1



- Presentation
 - Introduction to Ubuntu and FLOSS
 - Introduction to Ubuntu Touch
 - Ubuntu Touch development
 - Discussion
- Workshop
 - Install Ubuntu and Touch SDK
 - Hello Touch
 - Launchpad development
 - Experimental emulation
 - Discussion

Session 2



Sessions

- Presentation
 - QML
 - Javascript
 - HTML5
 - Native plugins
 - Discussion
- Workshop
 - Native application example
 - Open launchpad contributions
 - Discussion

Session 3



Sessions

- Open Discussion
- Presenting applications
- Votes
- Best application

Ubuntu & FLOSS

The background of the slide features the Ubuntu logo, which consists of a central circle containing a white five-pointed star. This central circle is surrounded by six larger, semi-transparent circles of varying shades of gray, arranged in a hexagonal pattern. The entire design is set against a dark gray background with a fine, light-colored dot grid pattern.

The Operating System



What is Ubuntu?



The Operating System



What is Ubuntu?



Ubuntu values



- Ubuntu is an African word
- I am what I am because of who we all are.
- Nelson Mandela
- Leymah Gbowee
- Archbishop Desmond Tutu



African Entrepreneur



who made it?

- Mark Shuttleworth



- Debian developer



- Founding Canonical & Ubuntu Foundation

CANONICAL

Linux kernel

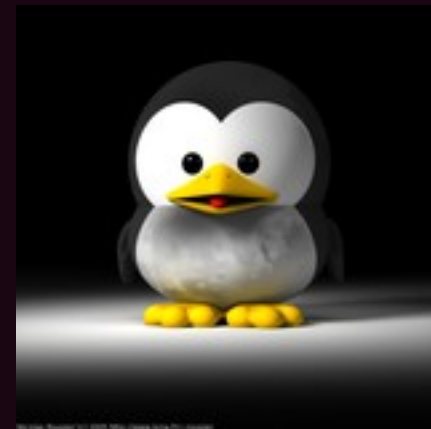


Who made it?

- Linus Torvalds



- Linux 1991



GNU Project



- Richard Mathew Stallman
- Four freedoms
 - Run the program
 - Study & Adapt the source code
 - Redistribute copies
 - Improve and release to the public



Freedom

Who made it?

Why GNU/Linux is better?



Why Ubuntu?

- Freedom
- Safety
- Stability
- Performance
- Innovation
- Fast
- Reasonable cost
- WhyLinuxIsBetter.net

Ubuntu promise



Why Ubuntu?

- Ubuntu is cost free.
- Fast, easy and accessible.
- Free and open source.
- Support and services worldwide.

Personal Computers



Where do we find
Ubuntu?



Servers

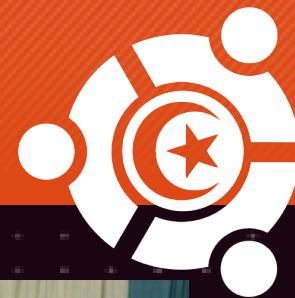


Where do we find
Ubuntu?

```
Starting up ...  
[42949375.420000] ACPI: Getting cpuindex for acpiid 0x1  
[42949375.420000] ACPI: Getting cpuindex for acpiid 0x2  
[42949375.420000] ACPI: Getting cpuindex for acpiid 0x3  
[42949385.210000] piix4_smbus 0000:00:07.3: Host SMBus controller not enabled!  
* Activating swap... [ ok ]  
* Checking root file system...  
fsck 1.39 (29-May-2006)  
/dev/hda1: clean, 21413/1003904 files, 143373/2004100 blocks  
[ ok ]  
* Checking file systems...  
fsck 1.39 (29-May-2006)  
  
Ubuntu 6.10 server1 tty1  
server1 login: _
```



Everywhere



Where do we find
Ubuntu?



Enterprises



Where do we find
Ubuntu?



Touch Introduction

Touch background



Touch Introduction

- Ubuntu Desktop
- Ubuntu ARM project
- Ubuntu Mobile project
- Ubuntu TV
- Ubuntu Phone
- Ubuntu Tablet
- Ubuntu Phablet
- Convergence idea → Ubuntu Touch

Touch trailers



Touch Introduction

Devices



- Officially supported devices
 - Galaxy Nexus
 - **Nexus 4**
 - Nexus 7
 - **Nexus 10**
- Community supported devices
 - 50 Supported devices
 - 35+ in progress
 - <https://wiki.ubuntu.com/Touch/Devices>
- Porting Ubuntu Touch
 - <https://wiki.ubuntu.com/Touch/Porting>

Architecture



Touch Introduction

- Linux Kernel
- Ubuntu Touch distribution
 - Unity
 - QML Interface
- Native Power
- OpenGL 3D
- HTML5 and Javascript portability
- All in one

Comparison



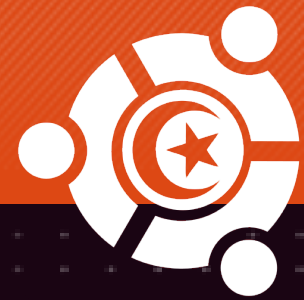
Touch Introduction

- Android
- IOS
- Windows Phone
- FirefoxOS
- Ubuntu Touch

Touch Development

The background features a dark grey field with a light grey dotted grid. A large, stylized graphic is centered, consisting of a dark grey circle containing a white five-pointed star. This central circle is surrounded by several concentric, semi-transparent dark grey circles and thick dark grey lines, creating a layered, circular effect.

Ubuntu Versions



Touch Development

- Development on Ubuntu Desktop
 - 12.04 LTS : SDK + Run project workaround
 - 13.04 : Run project fixed (no workaround)
 - 13.10 : Experimental emulator packages (previous versions require compilation)
- Touch Device
 - Ubuntu Touch 1.0 released 17 October 2013
 - Stable Ubuntu Touch version
 - Very few applications (less than 50 core apps; less than 100 3rd party apps)
 - Main use : Demo, testing and development
 - Secondary use : basic smart phone features



- QT version
- QT Creator version

Languages



Touch Development

- QML
- Javascript
- HTML5
- QT/C++

Experimental Emulator



Touch Development

- Experimental repository
- Compilation vs Packaging for older versions
- Future plans



Workshop

Planning



Workshop

- Install Ubuntu and SDK
- Create Launchpad account
- Install Bazaar
- Hello Touch
- Community Projects
- Emulation
- Discussion

Installing Ubuntu-SDK



Workshop

- `$ sudo add-apt-repository ppa:ubuntu-sdk-team/ppa`
- `$ sudo apt-get update && sudo apt-get install ubuntu-sdk`
-

Launchpad & Bazaar



Workshop

- <https://launchpad.net>
 - Create account
 - SSH Key
 - OpenPGP Key
 - Sign code of conduct
- bZR
 - Bazaar in five minutes — Bazaar v2.6.0 documentation
 - <http://doc.bazaar.canonical.com/bzr.2.6/en/mini-tutorial/index.html>

The background of the slide features the Ubuntu logo, which consists of seven interlocking circles of varying shades of gray. The central circle is the largest and contains a white five-pointed star. The other six circles are arranged around it, overlapping and interlocking. The overall color palette is monochromatic, using various tones of gray and white.

Thank you.

Questions?

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