Ubuntu

the human touch!

Ahmed Sghaier

Ubuntu Tunisian LoCo Team

Ubuntu-TN LoCo Team

What is a LoCo Team

Ubuntu-TN

- 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?

- Canonical / Ubuntu Foundation
- International Community
- LoCo Council
- Ubuntu-TN
  - Management Commitee
  - 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

Training Sessions

Sessions

- 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
- CLLFSM Touch contest announcement
- CLLFSM anniversary

Session 3

Sessions

- Open Discussion
- Presenting applications
- Votes
- Best application

Ubuntu & FLOSS

What is Ubuntu?

What is Ubuntu?

What is Ubuntu?

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

African Entrepreneur

Who made it?

- Mark Shuttleworth

- Debian developer

- Founding Canonical & Ubuntu Foundation
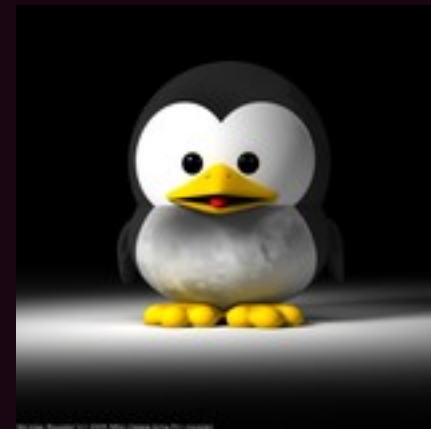
debian

CANONICAL

Linux kernel

Who made it?

- Linus Torvalds

- Linux 1991

Who made it?

- Richard Mathew Stallman

- Four freedoms

  - Run the program

  - Study & Adapt the source code

  - Redistribute copies

  - Improve and release to the public

Freedom

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.

Where do we find Ubuntu?

Servers

```
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: _
```
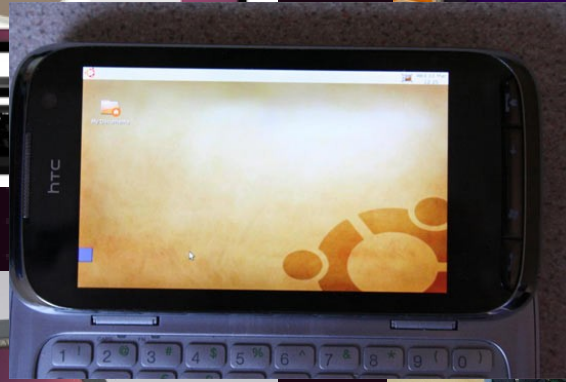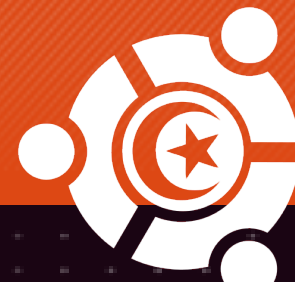
Where do we find Ubuntu?

Where do we find Ubuntu?
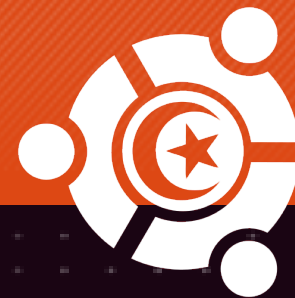
Touch Introduction

Touch Introduction

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

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

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

Touch Introduction

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

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

SDK

- QT version
- QT Creator version

Languages

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

Experimental Emulator

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

Touch Development

Workshop

Planning

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

Thank you.

Questions?

Ahmed.Sghaier@Ubuntu.com

Ubuntu-TN.org
Ubuntu-TN.com