

# **Deploying 100 Ubuntu Desktops in Ghana**

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Bay Area Linux Users Group

Elizabeth Krumbach

# Elizabeth Krumbach

- Member of the Ubuntu Community Council
- Member of the Partimus.org Board of Directors
- Linux Systems Administrator

# How it all started...

"This October, I am going to Ghana to deploy edubuntu desktops in schools under the umbrella of computereach. Dave Sevick, the exec director, asked if anyone else wants to go from Partimus."

Beth Lynn Eicher, August 17, 2012



# Logistics!

- What about work?
- How will I manage my other obligations?
- Where will I get funding?



Everything came together.



I arrived in Ghana!



...my suitcase, however, went on vacation in Germany for 5 days

You know what else was missing?  
100 computers.



(well, not so much missing as currently inaccessible, we're working on it)

# The Team

- Dave Sevick - Executive Director of *Computer Reach*
- Beth Lynn Eicher - Free Software Director of *Computer Reach*
- Nancy Latimer - Teacher
- Elizabeth Krumbach - Linux Consultant
- Daniel Kwaku Ganyoame - Executive Director of *Africa ICT Right*

# THE STREET ACADEMY



A B C D E F G

H I J K L M



Spider Web

A B C

N O P





**We need to provide training!**



Who can help us?

# Accra Linux Users Group!



Also, the Edubuntu images  
need some fixes



So... those computers?



# Made some contacts

- Ashesi University College
- U.S. Agency for International Development
- Ghana-India Kofi Annan Centre of Excellence in ICT
- Jubilee International Church
- Google



OHIO  
LinuxFest 2011  
Google

OHIO  
LinuxFest 2011

OHIO  
LinuxFest 2011  
Google

OHIO  
LinuxFest 2011

OHIO  
LinuxFest 2011

OHIO  
LinuxFest 2011

OHIO  
LinuxFest 2011

So... those computers?



# What schools can we serve?

- Power
- Security
- Commitment



October 2012

### ICT

Uses of ICT tools

- Information
- Communication
- Technology



CLASS TWO

### ICT

The Use of the Spacebar



A Keyboard

### SHAPES



Rectangle



Square



Circle

### KNOW YOUR COLOURS



YELLOW





We also got to try a bunch of  
local cuisine!



I really do not like fufu :(



100% Premium Ghana Cocoa  
Net Wt:  
Poids Net:  
100g

*Kingsbite*

MILK CHOCOLATE  
CHOCOLAT AU LAIT

No Cocoa Butter Substitutes



Keep your environment  
clean

# Ice pak

(Drinking Water)



So... those computers?



# Off to Ho - 3 step plan in place

- Information
  - Value of open source
- Training
  - On site and provided materials
- Support
  - Leveraging Africa ICT Right, LUG and local contacts







All work and no play...













So... those computers?









**Computers!**



COSCO

COSCO

CAI

CMA CGM

CMA CGM

LINEA  
MESSINA

CMA CGM

GOLD

But it was time for  
me to go home!















All 100 deployed by  
the end of 2012!

# Key takeaways

- Training is essential
- Must provide long-term support options
- Have an EOL plan
- Always have a Plan B!

# Questions?

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