

Free and OpenSource Software in Tanzania

Projects
Activities
Initiatives

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Kilinux

klnX

- This KlnX is an **Open Swahili Localization Project** started by the joint effort between the University of Dar es Salaam (**UDSM**)-**Dept of Computer Science** and the Swedish IT consultancy company IT +46.
- **Products:**
 - **OpenOffice Localised (1st ever swahili version of OpenOffice.org 1.1.3)**
 - **Firefox localization on progress**

Website: <http://www.kilinux.udsm.ac.tz>
<http://www.kilinux.org>





Tuwasiliane

- Swahili web browser
- (Mtambaa wa Kitanzania)

- Work on Progress
- Developers : COSTECH

Health Management Information System

- Customization of the Web based Free and OpenSource Health Management System
- Based on Care2X
- Developed on PHP and MySQL
- Developers: Research Unit-UCC

FOSS Activities at Dar es Salaan Institute of Technology (DIT)

- Training on OSS as module in FTC Curriculum (2nd Year)
- Training on Linux for Short courses (Tailor – Made programs).
- Planning to create Linux Lab for Research activities.
- Research on Swahili Word Processor
- OSS capacity Building For DIT-Staff
- OSS centre within DIT Campus for technical support and Certification



Flexible Charging System

- For Internet Services Providers
- Based on IP FIX Standard (supported by different routers: CISCO etc)
- It is a Web based System (PHP, MySQL)
- In Swahili

- Work in progress: COSTECH

KEWL.NextGen



- Free and OpenSource **Learning Management System Development**
- Uses PHP and MySQL
- Part of the African Virtual Open Initiatives and Resources (AVOIR) Project of UWC
- Collaboration: A number of Universities across Africa are involved

- Project Website : <http://avoir.uwc.ac.za>

- Developers in Tanzania:
 - KEWL Team, University Computing Centre,



SoftPhone

- Web based System to enable voice communication over the Internet
- Will also use Swahili language

- Work in progress
- Developers:
 - ICT Tanzania Project (include TCRA, COSTECH, DIT and others)



Swahili Grammar Checker

- Swahili Grammar checker, Swahili spelling checker and Swahili Thesaurus
- Developer: **Cuthbert Simalenga**
- Current Status: Conception stage

OpenSourceTz



- A Yahoo group
- Dedicated to discuss issues, opportunities and the benefits of Free and Open Source Software in Tanzania
- Membership: FREE
 - Current Number of members: 96
- Website URL:
 - <http://groups.yahoo.com/group/OpenSourceTz>



Also...

- We still would like people to let us know of other FOSS activities not covered.
- More information about other projects will be collected and posted on the TAFOSSA website www.tafossa.or.tz



○ THANK YOU LISTENING!