

Localization and FOSS Adoption in Cambodia

ASIA Open Source Software(AOSS) Workshop

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Agenda

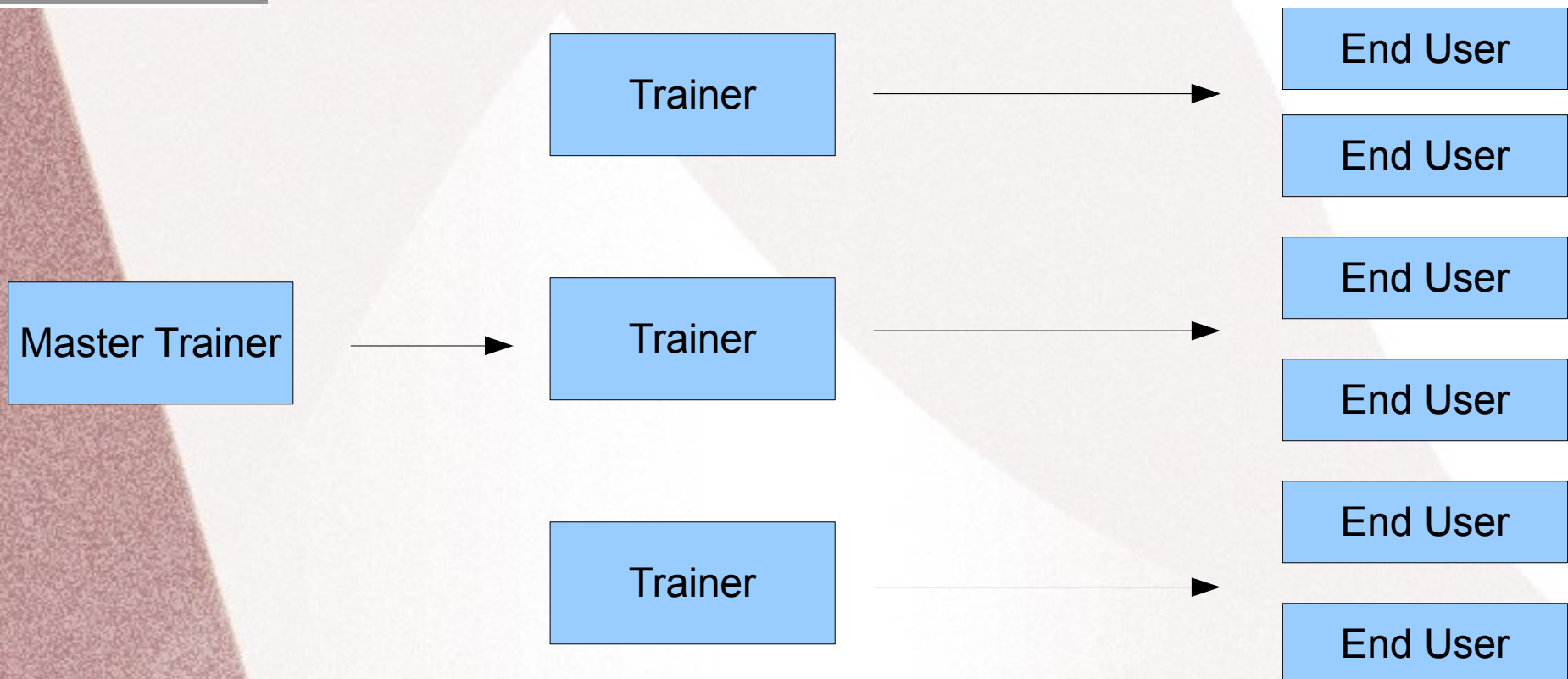
- FOSS Strategy
- Current FOSS status
- Localized FOSS
- Why Localized?
- FOSS Adoption in Cambodia
- Why Adopt and Spread FOSS?
- Future FOSS in Cambodia

FOSS Strategy

To promote the use of Free Open Source:



- National ICT Development Authority (NiDA) has conduct various training on FOSS usage in the whole country by using Multiplier Strategy: Master Trainer → Trainer → End User



FOSS Strategy

- Other Community and organization also play an important role in promoting FOSS in Cambodia through
 - Localization
 - FOSS application development
 - Online community
 - Seminar/Conference
 - Free training on FOSS
 - Individual contribution
 - others

Current FOSS Status

- Community and Organization

- NiDA (National ICT Development Authority)
- KhmerOS
- PANL10n
- JUGCAM
- KhmerLC
- OLPC (One Laptop Per Child)
- Others

- Localization

- Office, Internet, Email, CMS, Search Engine, Media Player, Games and others



Current FOSS Status

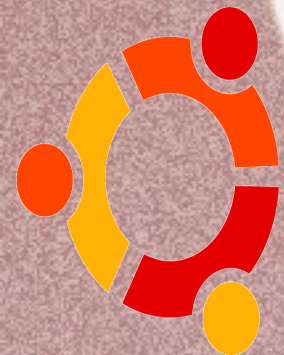
- Local FOSS
 - Khmer Unicode 2.0
 - Khmer Converter
 - Khmer Unicode Typing
 - Khmer Dictionary(Choun Nath)
 - Khmer Spell Checker
 - others

Localized FOSS

There are already mature localized software in Cambodia such as

- Office ==> OpenOffice
- Internet & Email ==> Firefox & ThunderBird
- CMS ==> Moodle, Drupal, Joomla, Typo3 and others
- OS ==> Ubuntu, OpenSUSE
- Search Engine ==> google.com
- Media ==> VLC
- Others ==> Virtual Box

Localized FOSS



Why Localize?

- Low literacy rate in foreign language eg. English
- Free License ==> Free to use
- English is no more mandatory for learning computer
- Good for education and non-profit sector
- Localization separates the skills of “English” and “Local Contents”.

FOSS Adoption in Cambodia

- Government
 - eg. OpenOffice
- Non-Profit Organization
 - eg. Firefox & ThunderBird
- Business
 - eg. Ubuntu, Joomla
- Education
 - eg. Joomla, Drupal, Ubuntu

FOSS Adoption in Cambodia

- Software Development
 - PHP, Python, Ruby on Rails
 - MySQL, pgSQL
 - Eclipse, Netbeans
 - Joomla, Drupal
 - More...

Why Adopt FOSS?

- The Royal Government of Cambodia encourage to use Open Source Technology. NiDA is the main entity to promote FOSS in Cambodia
- Free choice to learn and improve oneself
- No need to pay propriety license
- There are a lot of community support
- Hand to Hand experience
- Enabling Technology
- Good for student and self learning

Challenges and Difficulties in FOSS Adoption

- Software piracy and illegal software
- Lack of Human Resource in ICT
- Lack of Technical Support
- Poor in communication ways
- Still few OpenSource community
- Lack of financial support
- Lack of awareness and concepts and potential benefits of Open Source Software

FOSS Development

- FOSS for Business
- FOSS for Education
- FOSS for Personal
- Form more stable FOSS community

Suggestion?

Appendix I

- <http://www.nida.gov.kh>
- <http://www.khmeros.info>
- <http://www.pancambodia.org>
- <http://www.jugcam.org>
- <http://www.khmerlc.org>
- <http://www.pepy.org>

Appendix II

- Localized FOSS
 - Firefox, Thunderbird, OpenOffice, Joomla, Drupal, Typo3, VLC, Virtual Box, Ubuntu, OpenSUSE
- Khmer FOSS
 - Khmer Unicode, Khmer Converter, Khmer Touch Type, Khmer Typing, WordForg, KhmerSMS

Thanks You For Your Attention

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