Experience in developing Open Source and the Open Source Community in Thailand

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Outline

- Open source development in Thailand
- Preparing local competence
- Keep local strength
- Regional cooperation and adaptation
- Open source implementation in government projects

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Open Source Development in Thailand

- Government support "research & development and provide support"
  - National Electronics and Computer Technology Center (NECTEC)
  - Software Industrial Promotion Agency (SIPA)
- Private company "Develop specific application for serve needs."
  - Business for Open source software society (BOSS)
  - PTTICT,EGAT,S&P ...
- Education "Apply OSS to curriculum"
  - University
- Community "personal interesting"
  - Thai Linux Working Groups (TLWG)
  - thaiopensource.org

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Open Source Development in Thailand

Well known applications

→

•Prioritize applications
•Prioritize bug

↓

Local Development Process

←

Release bug-fixed version

←

Patch Submitted process

↑
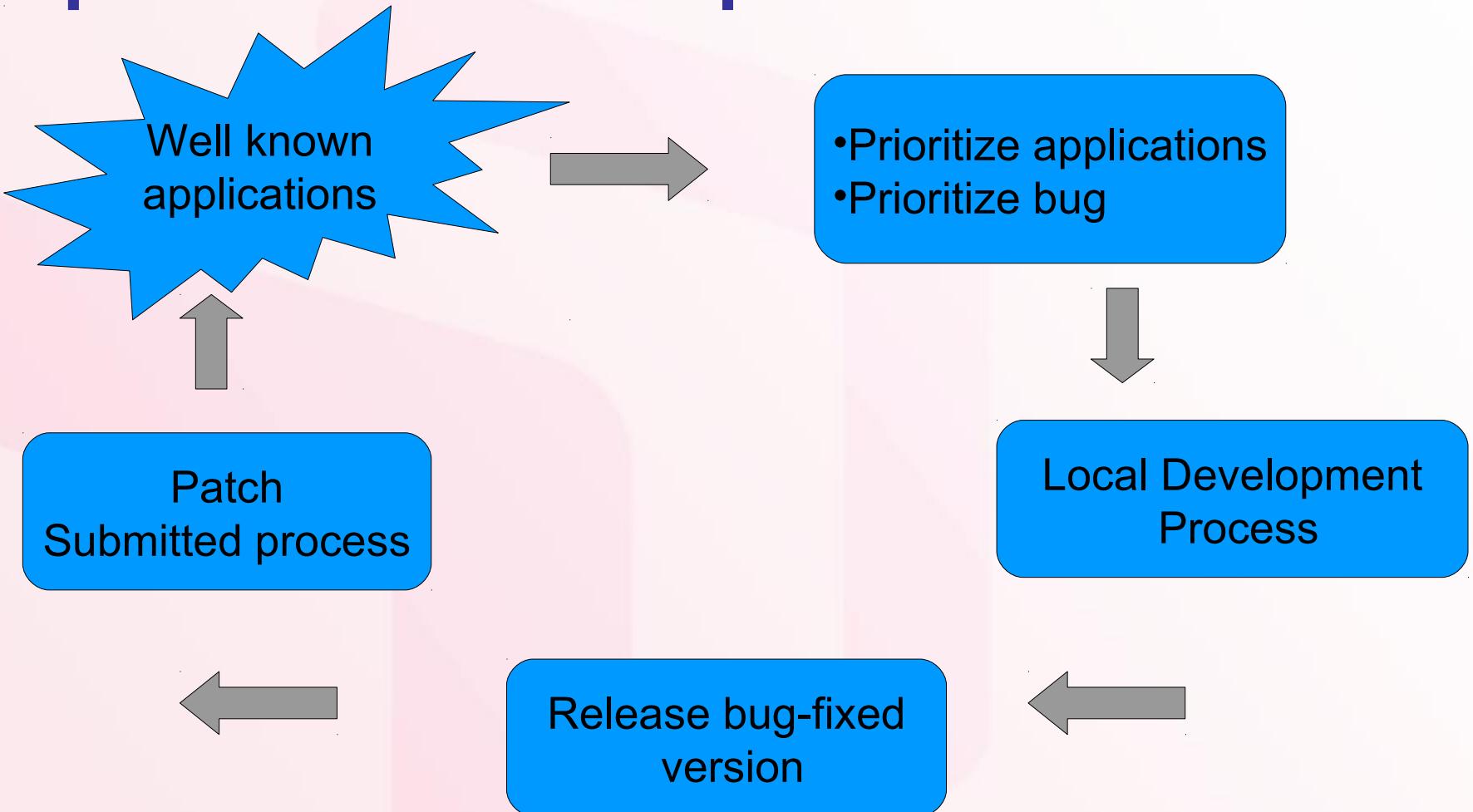
Open Source Development in Thailand

- Open Source Projects in Thailand
  - OpenTLE
    - Linux TLE (Thai Language Extension) for desktop user
    - Linux SIS (Simple Internet Server) for administration
  - Fundamental projects
    - Localization (KDE,GNOME,Firefox,CMS....)
    - LibThai (text manipulate)
    - Fonts
    - Xiterm+thai
    - Firefox
    - OpenOffice.org
   - 38 project host in svn server

Open Source Development in Thailand

- Open Source Projects in Thailand
  - Specific application
    - CMS (Moodle,Joomla) we have core team in thailand
    - LMS (LearnSquare)
    - RahulNAS (Network Authentication Service)
    - AppServe

    - Asterisk
    - Dspace
    - Koha
    - Green stone
    - And more .. (normally just try to enable Thai feature and customize to serve organization needs)

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Open Source Development in Thailand

- Challenge
  - How to increase number of OSS Developer
  - How Thailand developer contribute more in open source projects (don't only be a user)
  - How fast we can to fully support basic Thai feature (for development & usage)
  - How to change the government support software projects to release under open source.
  - How to balance demand and supply of OSS (support vs customer)
  - How to create more success story on OSS implementation
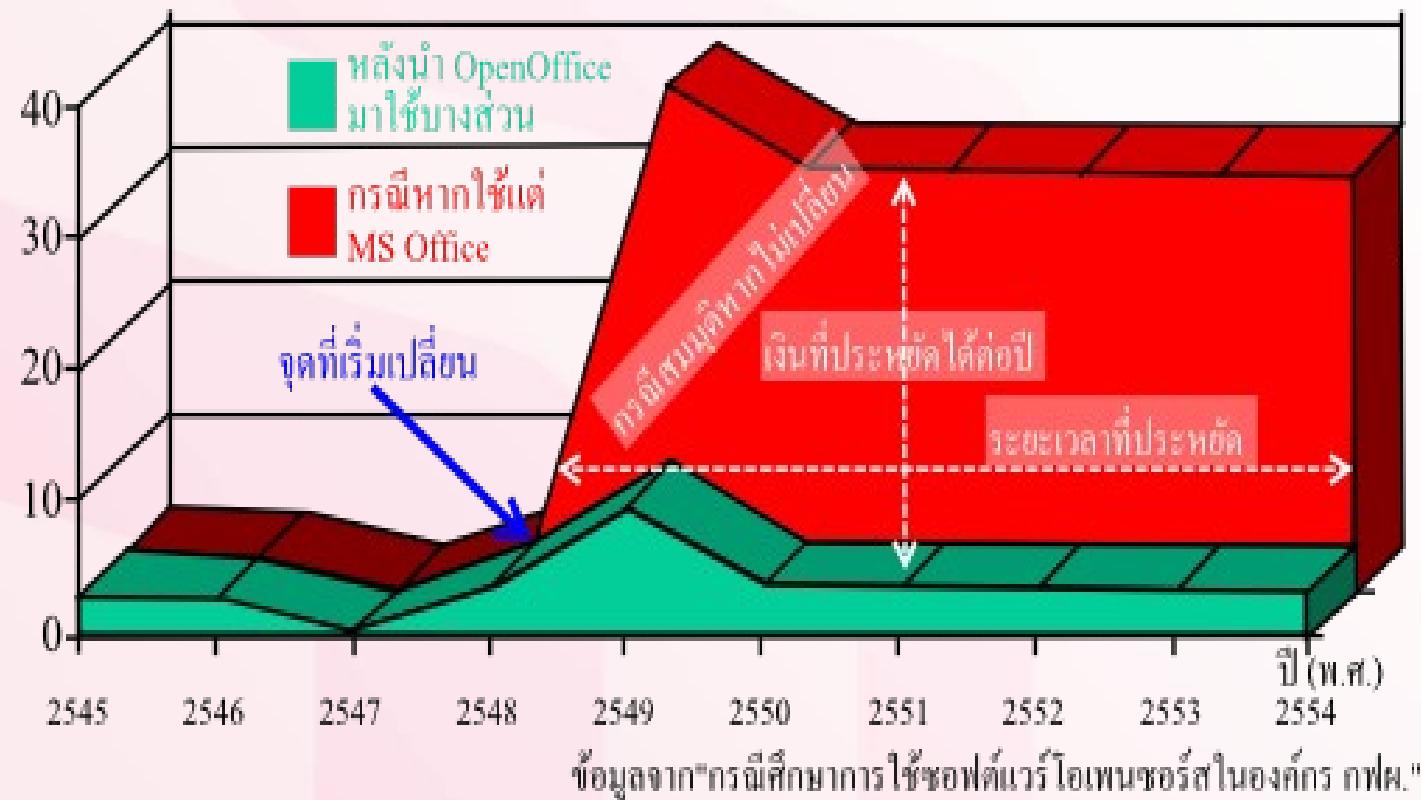
Preparing local competence

- Provide more OSS materials (especially in Thai language)
- Nectec Linux Competition
- National Software Contest   (Oss topic)
- OSS Festival
- Joomla Day
- OSS Certification
  - OpenOffice.org,Linux Desktop,Linux Administration

  "Target for young generation and public awareness"

See you at JoomlaDay 2010 (may be.)

All kind of supports are always welcome.
We really need more than your smiles.

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Keep local strength

- CodeFest (3 time/year)
- DebCamp (tentative 13-19 march 2010)
- Barcamp
- Developer mailling list

"increase number of developer and maintain developer communities"

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Regional cooperation and adaptation

- International Open Source Software Network (IOSN)
- CICC Japan
- CICC Singapore
- Asia Open Source Software Centre
- Learning from regional experience and adapt to local environment
    - LPI Certification
    - OSS Curriculum
    - OSS Materials
    - Information Exchanges

Open Source implementation in Govt. projects

- Thailand ICT Master Plan (2009-2013)
- Low-cost PC
- OLPC
- Ecolonux
- Thailand OSS White paper

Thailand ICT Master Plan (2009-2013)

- Human Resource Development
  - Promote use of open source software in Education and Research area, improve open source skills for young generation and use open source as a tools for create contents and software development
  - Give support for developer community especially Open source/Embedded/Robotic
  - Give support for Leaning environment that use open source software especially student can develop base on open source
- ICT for supporting a good governor
  - Create awareness of open source and open standard for government organization
  - Use open standard as a basic tools fore ICT system

Low cost PC (Computer ICT)

- Objective
  - Increase opportunities and the number of computer user in the country
  - Promote and encourage people to increase their usage of ICT
  - Increase opportunities to learn about ICT which will be an important foundation for human resource development
- Methodology
  - Local brand PC assembled and delivered
  - Use Open Source Software (Linux or Windows + OSS)
  - CAT telecom provide after sale services
- Outcome
  - > 160,000 PC are delivered

One Labtop Per Child (OLPC)

- Objective
  - Provide ICT access for Rural area
  - Possibility to create learning environm
  - Reduce digital divide
- Outcome
  - ~650 Trials Xos
  - Chiangmai, Nakorn Nayok,Lampang, Chiangrai, Bangkok, Chonburi
  - Research found that rural area student very active usage
  - Student interesting to use a lot of information from internet
  - Student can use OLPC better than Teacher
- Problem
  - Cause of a low prices of netbook,notebook, They revise a proposal.

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Ecolonux

Month	Ecolonux	OSSforWin
Oct. 08	180	
Nov. 08	220	
Dec. 08	190	
Jan.	220	
Feb.	230	
Mar.	210	
April.	3,211	225
May.	6,002	120
June.	1,487	320
July.	9,669	316
Aug.	8,796	367
Sep.	4,140	
Oct.	34,555	1,348

- Objective
  - Increase number of Linux User
  - Reduce linux h/w problem
- Methodology
  - Testing H/W with LinuxTLE and fixed bug
  - Technical training for PC Vendor
  - Call services support
  - Next 3 year, have plan to training 27,000 OSS user & developer

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Thailand Open Source White Paper

- Objective
  - To benchmark OSS usage in Thailand
  - To benchmark OSS business in Thailand
  - To make an awareness of Open Source Software
- Methodology
  - Raw data from OSS Partner (community & business)
  - Internet Surveys
- Outcome
  - >

Operating system usage
http://truehits.net

Thailand OS Usage (Truehits.com)

Legend:
- Windows 98
- Windows XP
- Windows 2000
- Windows Vista
- Linux
- Mac
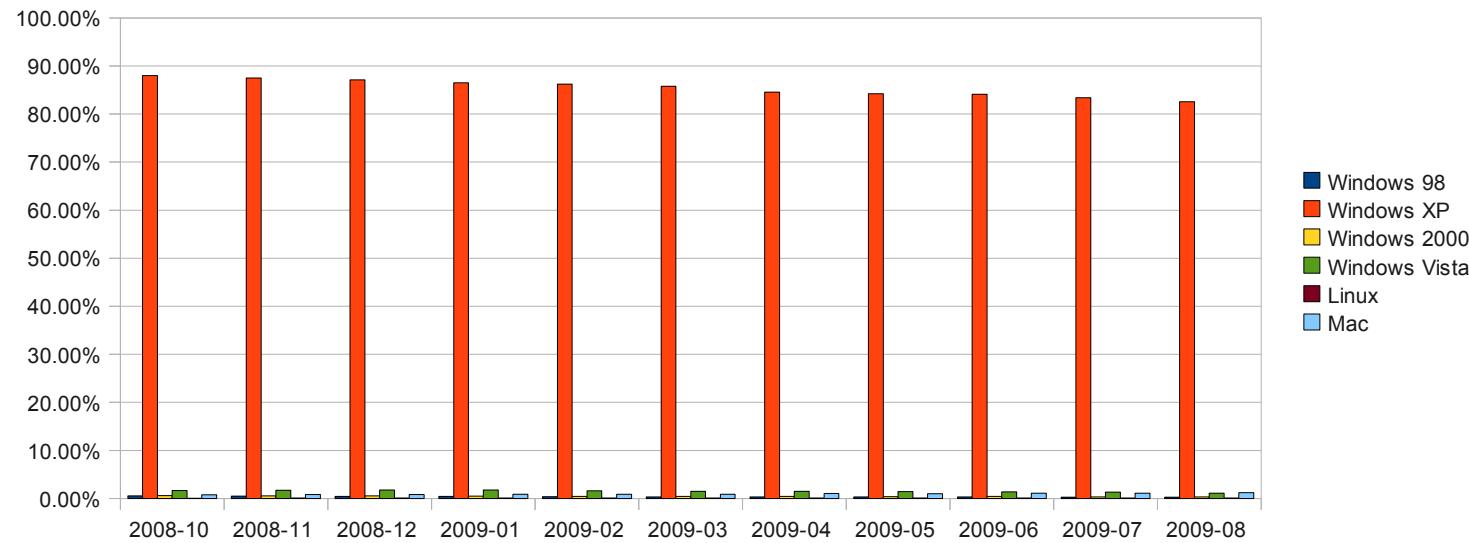
Web browser usage
http://truehits.net

Thailand Browser Usage (Truehits.com)

Legend:
- IE 6.x
- IE 7.x
- IE 8.x
- Mozilla/FireFox
- Chrome
- Safari
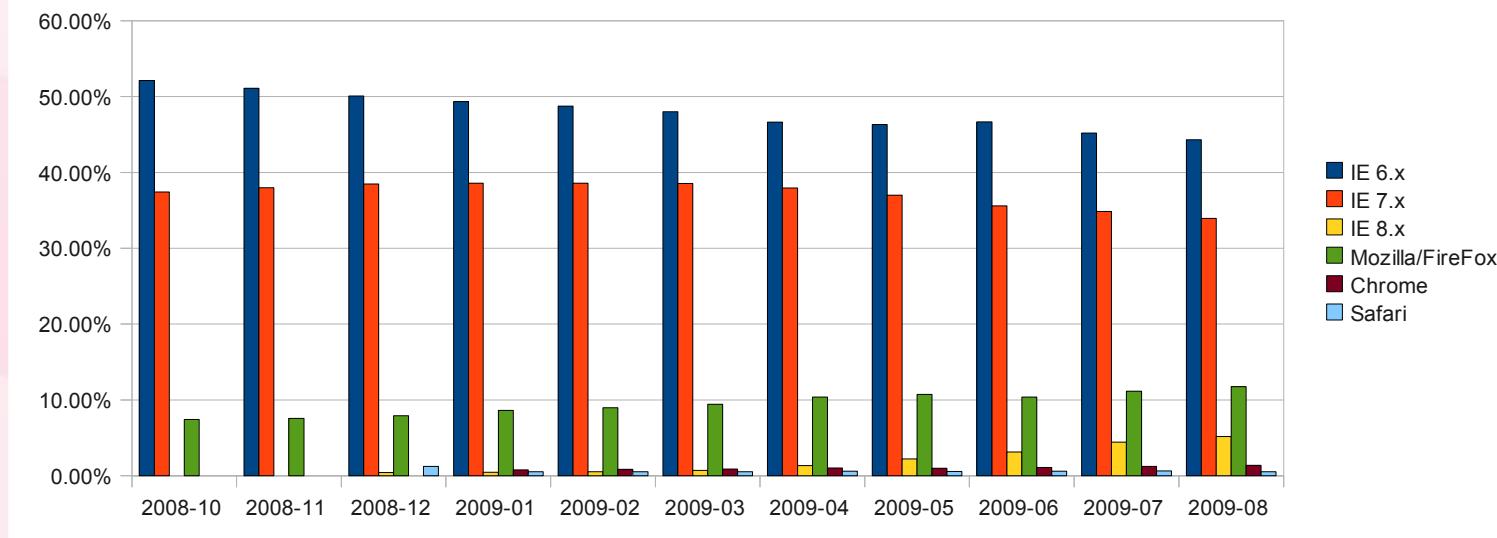
Thailand Operating system usage
http://truehits.net

OS	August 2551	August 2552
Windows 98	0.69%	0.26%
Windows XP	89.28%	82.53%
Windows 2000	0.68%	0.33%
Windows Vista	1.59%	1.13%
Windows Me	-	-
Linux	0.06%	0.12%
Windows NT4	-	-
MacOS	0.72%	1.19%

http://truehits.net/graph/graph_stat.php

Open source web board communities


Communities Webboard
Page views

blognone.com
ubuntuclub.com
forum.ubuntuclub.com
itwizard.info
linuxdisc.com
debianclub.com
opentle.org
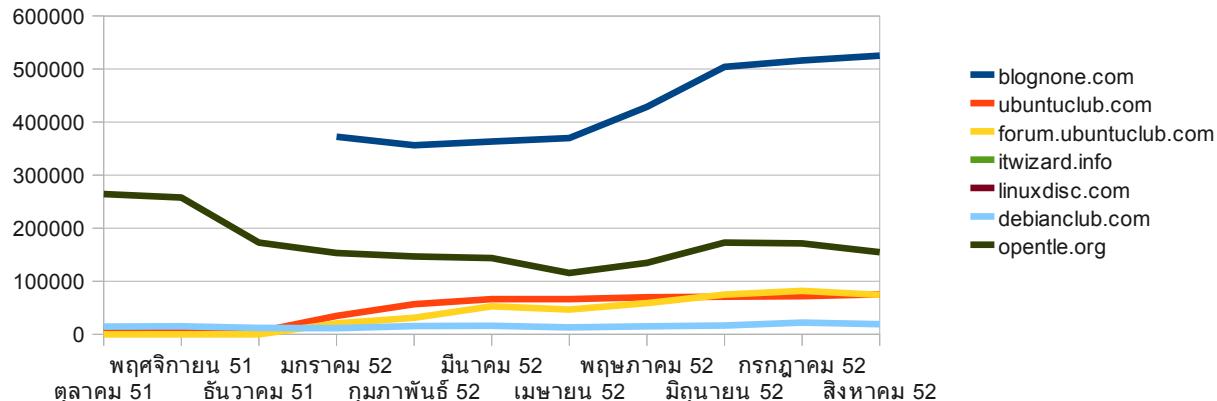
Communities Webboard
Unique Visiter

ubuntuclub.com
forum.ubuntuclub.com
itwizard.info
linuxdisc.com
debianclub.com
opentle.org
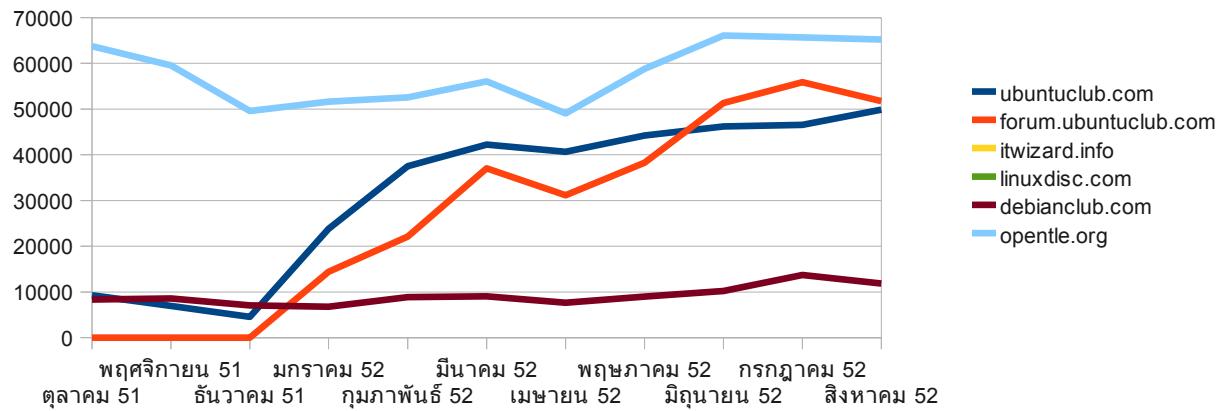
FTP site download stat

Unique Visit per month
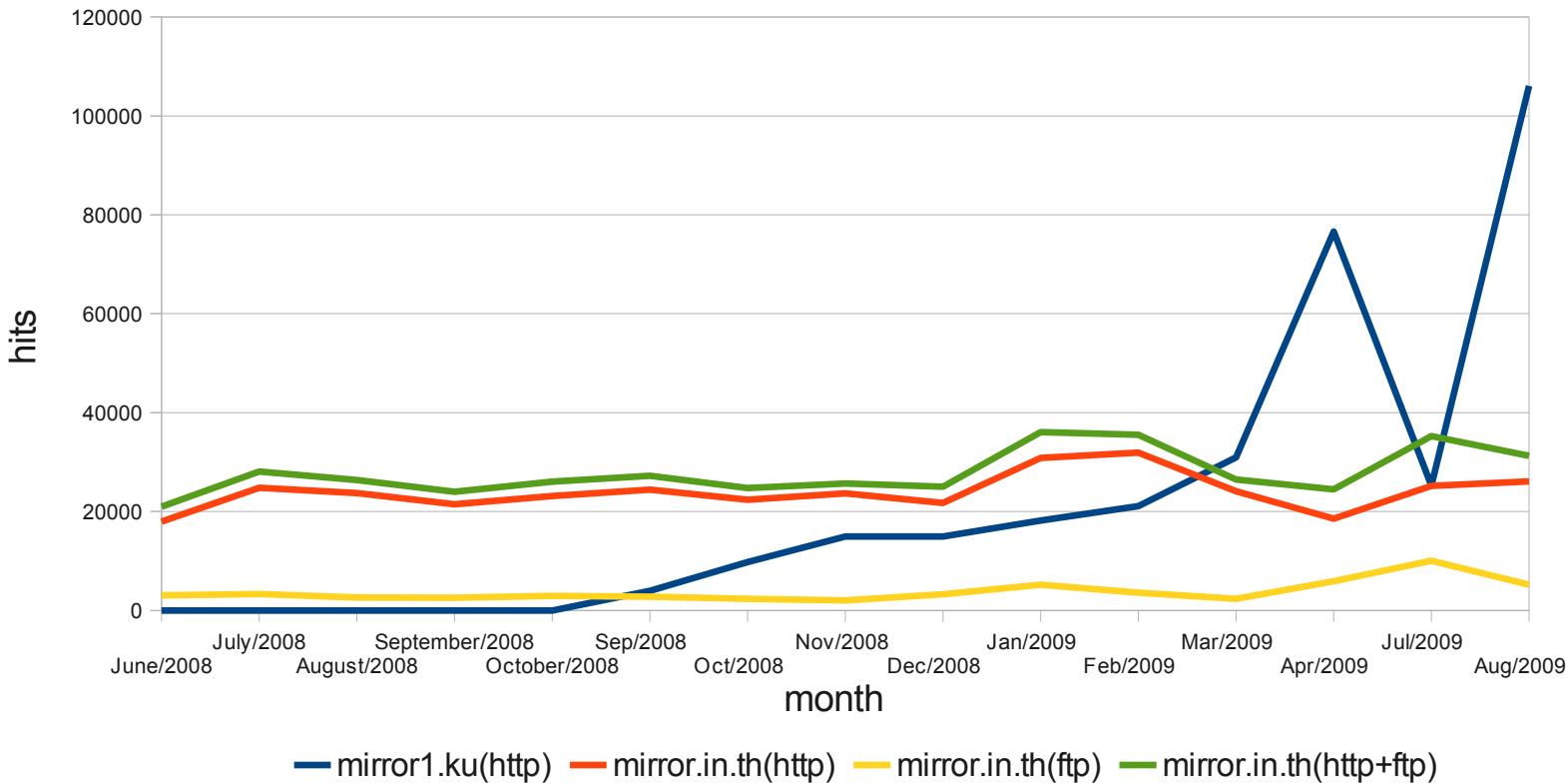
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http	http	ftp
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Fedora-10-i386-DVD.iso	eclipse	freebsd
ubuntu-8.10-desktop-i386.iso	chantra	fedora
openSUSE-11.1-DVD-x86_64.iso	Fedora	linuxtle
Fedora-11-x86_64-DVD.iso	openSUSE	debian
Freebsd/7.2-RELEASE-i386-dvd1.iso.gz	FreeBSD	eclipse
Fedora-11-i686-Live.iso	Unbuntu	ubuntu
ubuntu-8.10-dvd-i386.iso	CentOS	openSUSE
CentOS-5.3-i386-bin-DVD.iso	debian	eclipse
debian-502-i386-DVD-1.iso	appserv	chantra
ubuntu-8.04-desktop-i386.iso	oscca	centos
Fedora-11-i686-Live-KDE.iso	pclinuxos	mysqlgui

Ecolonux
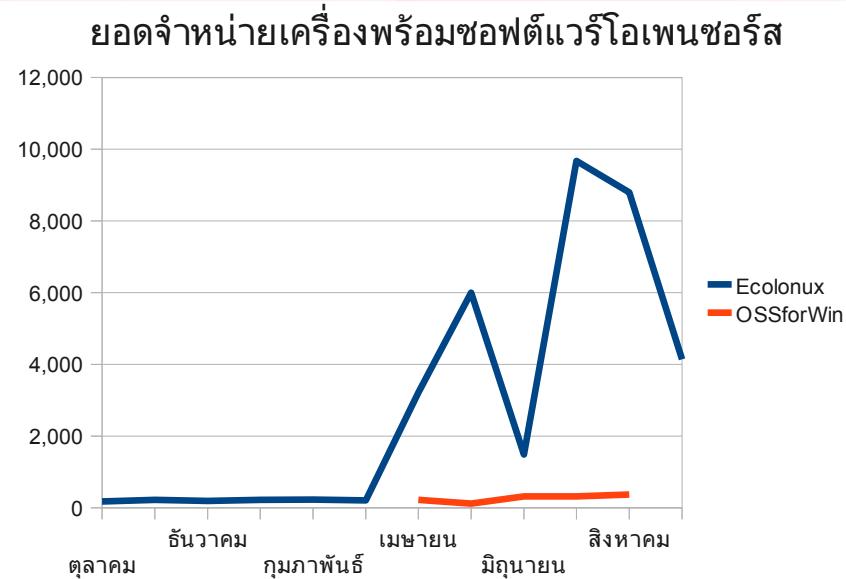
ยอดจำหน่ายเครื่องพร้อมซอฟต์แวร์โอเพนซอร์ส

Month	Ecolonux	OSSforWin
Oct. 08	180	
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Oct.	34,555	1,348

แบบสอบถามกลุ่มผู้ใช้ซอฟต์แวร์โอเพนซอร์ส
ทางอินเตอร์เน็ต
http://www.opentle.org/osssurvey/

อัตราส่วนผู้ตอบแบบสอบถาม

Admin; 101; 14%
Cafe; 2; 0%
Education; 155; 22%
Hospital; 7; 1%
Oraganization; 47; 7%
People; 401; 56%

- Admin
- Cafe
- Education
- Hospital
- Oraganization
- People

ผู้ตอบแบบสอบถาม 713 ราย

Q&A