

Japanese FLOSS Now Free Software Movement among People, Open Source Software in Industry

Free Software Initiative of Japan

Chief Operating Officer

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日本自由軟件主導會
董事會副董事長
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Agenda

- Who am I
- Embedded
- Government
- Industry
- Organization and Groups
- Hackers
- Conclusions



Who am I

- Co-chairman and COO of FSIJ
 - Free Software Initiative of Japan
 - 日本自由軟件主導會 董事會副董事長
- Unix Expert
 - Over 20 years professional career
 - Software consultant, President of my own company
- Part-time teacher in some colleges
 - Waseda Univ. Senshu Univ. and Jissen Women Univ.
- My own Free Software project and research project
 - OpenPKSD.ORG project
 - WCLSCAN project



Embedded GNU/Linux (1)

- Pixier
 - Wireless Router
- Corega
 - Cbox: Home Web Server
- I/O Data
 - LANDISK: Disk Storage via LAN
- Kinkei System
 - Earth Quake Recorder



Embedded GNU/Linux (2)

- Sony Hard Disk Video Recorder



デジタルハイビジョンチューナー内蔵。
ハイビジョン放送も、自動で録れる

デジタルハイビジョンチューナー内蔵
HDD搭載DVDレコーダー
250GB RDZ-D5

ハイビジョン 録画	電子番組表 (EPG)	おまかせ・ まる録	番組追跡録画/ スポーツ延長	"XMB"
i.LINK (HDMI/DVI入力)	HDMI出力			

FSIJ
FSI-PRODUCT-GROUP

Embedded GNU/Linux (3)

- Sharp Zaurus



FSIJ
FSI-PRODUCT-GROUP

Embedded GNU/Linux (4)

- Mobile Phone



NEC



Panasonic

FSIJ
FSI-2004-000001

Government Support (1)

- METI
 - Budget for “Open Source Software”
 - 9 Million USD/Year
 - FY2003: 19 projects
 - FY2004: 15 projects
 - Operated by IPA 独立行政法人 情報処理推進機構
INFORMATION-TECHNOLOGY PROMOTION AGENCY, JAPAN
 - The Japan OSS promotion Forum
 - Operated by IPA

FSIJ
FSI-2004-000001

Government Support (2)

- System Development
 - Desktop Environment
 - School, Government
 - Embedded
 - OpenSource u-TRON, embedded SSH
 - Asian Languages
 - Open Printing, Rendering Library



Government Support (3)

- Human Resource Development
 - IPA's "Exploratory Software Project" to support individual developers
 - Free Software related projects in "Exploratory Software Project"
 - Japanese input environment
 - KNOPPIX hosting environment
 - Porting uClinux to H8/300



Government Support (3)

- Survey
 - Free/Libre/OpenSource Software Developers Survey in Japan
 - Survey On Current Status of OSS utilization and Guideline for OSS adoption
 - Survey on ensuring security of OSS

FSIJ
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Industry (1)

- Major SI-ers



NEC



Hitachi



Fujitsu

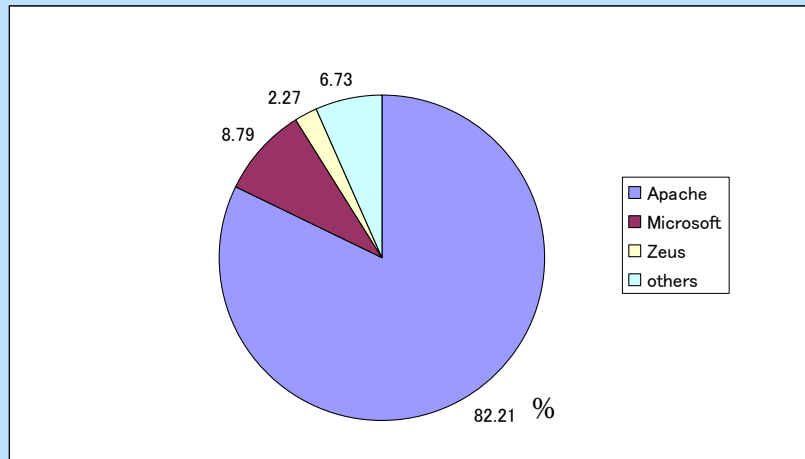
IBM, HP, etc...

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Industry (2)

Source: E-Soft

- How Apache is Popular in JP domain?



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Industry (3)

- Linux Server Shipment
 - 2004: 68,420 servers (13.9% share)
 - 2007 (estimation): 140,000 servers (20% share)
- Distribution for server market (2004)
 - Red Hat Linux 53%
 - Miracle Linux 22%
 - Turbolinux 13%

FSIJ

Source: Yano Research Institute, Ltd

Organizations and Groups

- GNU/Linux
 - Debian, VineLinux, Gentoo
- BSDs
 - FreeBSD, NetBSD, OpenBSD,
- NPO
 - FSIJ, OSSAJ, JOSAO, OSCAR, etc.
- Regional NPO
 - Okinawa, Hokkaido, Gifu, etc.
- LUGS
 - So many (over 30?)



FSIJ

特定非営利活動法人フリーソフトウェアイニシアティブ

- Free Software Initiative of Japan
 - Since 2002
 - Non-Profit Organization
 - Certificated by Tokyo Metropolitan Government
 - Events
 - Monthly Open Meeting (w/ SEA)
 - Codefest日本2005, 夏休みコード道場2005
 - Special Interest Groups
 - Gentoo, Zope, Debian Archives, etc...
 - www.fsij.org
 - But mostly Japanese language only



Japanese Developer

- SourceForge.jp
 - 745 projects
 - 6385 members
 - Developers (estimate) 3000-5000

Source: FLOSS-JP report 2003

FSIJ

Hacker

<http://www.rons.net.cn>

Someone who loves to program and enjoys being clever about it

Welcome to MNN Project's main site — the cap... the cap...

File Edit View Go Bookmarks Tools Help

<http://www.rons.net.cn/>

熱愛編程 享受自由

A Hacker means "Someone who loves to program and enjoys being clever about it".

Ask Hong Feng

Articles & Books
文章与作品

Hackerdom Pedagogics
黑客道教学法

Chinese Traditional Poems
自由的旅程(古典诗词)

My Bookshelf
我的书架

Ask Hong Feng
填表提问

MNN Project

Who is Hong Feng?
关于洪峰

 **Hong Feng** (hongfeng@gnu.org) is the author of several interesting books, including the "[Free Software: New Game Rules](#)" ([Chinese version](#)), the creator of Hackerdom Training Program (HTP), a part of MNN Project he founded. Based on the research of the [Pansystems Methodology](#), he's presented the Regretism Philosophy, the Pansystems Measure Theory, and Wuhan Programme. He's discovered a rock-solid theoretical basis for the Pansystems Economics, by which a mathematical model is presented to measure the huge value of the

FSIJ

Japanese Hackers

- Approx. 2-3% Japanese contributors in major global FLOSS projects
 - Linux 65/3101 (2.0%)
 - Apache 17/523 (3.2%)
 - FreeBSD 176/7907 (2.2%)
 - NetBSD 248/7426 (3.3%)

Source: FLOSS-JP report 2003



Japanese “Core” Hackers

- Debian
 - 48/1266 (3.7%)
- FreeBSD
 - 176/7907 (2.2%)
- NetBSD
 - 12/46 (26.0%)



Conclusions

- Embedded Linux is already in our living room
- Japanese major SI-ers provide Linux well
- Japanese government supports and promotes FLOSS
- Many FLOSS organizations and groups in Japan
- Japanese FLOSS developers are not popular in global FLOSS community