



IT R&D Global Leader

CJK Open Source Community Initiatives

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Contents

- OSS overview and trends
- The necessity of community
- CJK community and expectation effects

OSS definition and features

- Anyone can freely access source code, run program for any purpose, modify the program, and redistribute on the basis of license free
- Public collaboration

- From team based development to community based development (Meritocracy)
- Participating developer the world over through Internet
- Peer review

OSS advantages and obstacle factors

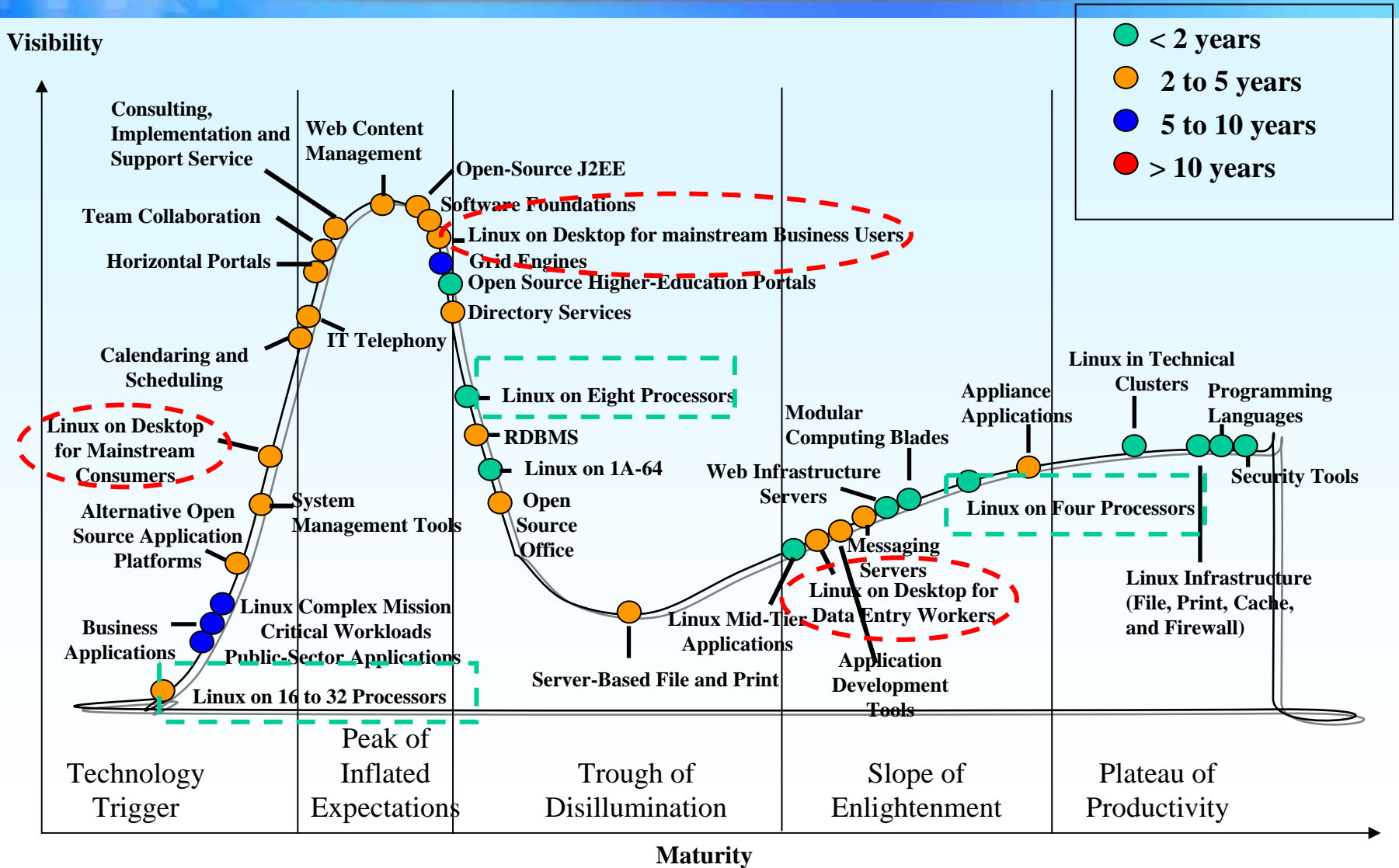
Advantages

- **Reducing the gap of capabilities compared to major SW vendors**
 - Can grow in-country SW industry by oneself
- **Ensuring the security and transparency of SW**
 - Appropriate for in-country security
- **Preventing from the lock-in of specific products**
 - Ensuring standardization and compatibility
- **Breaking down the monopoly power of some SW vendor and then expecting to cut down expenses**

Obstacle factors

- **Migration costs**
- **Intelligence Property**
- **Business model**

OSS technology hyper cycle



❖ OSS developments is began with SW engineer's interest, and OSS satisfy each engineer's requirement

What is a community ?

- ❑ Many different faces
- ❑ Types of participants
 - Users Group
 - Maintainers
 - Developers => *Open Projects*
- ❑ Types of supporters
 - Industries (including Consortium) :
 - Fedora, Open Suse, OSDL, DMTF, Ubuntu,...
 - Governments (central, local) :
 - KDE, Ba;yanihan, Booyo, linuxdesktop.org, (Beijing)...
 - Volunteers (including NGO) :
 - GNU, kernel.org, sourceforge.net, Debian, Knopix, KLDP(Korea),...

Linux community analysis

	ubuntu	mandriva	open suse	mepis	damn small	debian	slackware	gentoo	freebsd	vector	xandros	puppy	arch	Yellow dog
Source Opening	O	X	O	X	X	O	O	O	O	X	X	△	O	O
Base System	Debian	from the scratch	RPM	Debian	Debian	from the scratch	fom the scratch	from the scratch	BSD Unix	Slack ware	Corel	from the scratch	from the scratch	fedora
Decision Making	Community Governmen t	?	Novell	1 person	2 persons	Voting	?	Manager Discussio n	Manager Decision	Manager	Relevant Team in company	Foundatio n	Trusted User	private
Development Community	O	O	O	X	X	O	O	O	O	X	X	X	O	X
Fund	Company	Company	Company	Donation	Donation	Donation	Com pany	Dona tion	Dona tion	Dona tion	Sales	X	X	Company
Size (men)	?	?	?	1	2	More than 1500	4	330	350	7~8	?	19	18	?
Desktop	O	O	O	O	O	O	Not Separated	O	O	O	O	O	O	O
Server	O	O	O	X	X	O		O	O	X	X	X	O	O
Desktop Environment	Gnome	Any	KDE	KDE	FluxBox	Gnome	Any	Any	Gnome	KDE, gnome	KDE	Gnome	Enlighten-ment	Any
Features	Easy to use	European Linux	No.2 in the world	Desktop easy to use	Livedd	Systemized Development	Simple/ Stable	High flexibility	Lots of Projects	SOHO	MS APP compliant	Livedd	Light weight & simple	ppc exclusive
Country	Isle of Man	France	Germany	US	US	X	US	US	US	Canada	Canada	Australia	Canada	US
Ranking	1	2	3	5	6	8	9	10	12	14	16	20	22	51

As of Q1, 2006

OSS Revisit (1)

□ “Communities” *versus* “Products”

▪ Fedora *vs* Red Hat

▪ Communities

- OSDL, DMTF, DEBIAN, GNU, GNOME, sourceforge.com, kernel.org, KDE, Knoppix, Ubuntu, Bayanihan (Philippines), **Booyo**,...

▪ Products

- SUSE (Germany), Red Flag (China), Red Star (DPRK (North Korea)), Turbo (Japan), Mandriva (France), Conectiva (Brazil), Wow(Korea), Igetlinux(Korea), Asianux (CJK),...
- ### ▪ Cf. crude petroleum *vs* gasoline, public education *vs* private institute

OSS Revisit (2)

□ Examples of communities in the world

- International : OSDL, DMTF, Debian, kernel.org, GNU, GNOME,...
- USA : Fedora
- Germany : KDE, Knoppix
- England : Ubuntu
- Philippines : Bayanihan
- Korea : Booyo
- CJK : NEA OSS Forum WG1 projects(eg, OpenDRIM, Crackerjack, DB benchmarking, Security entity model)

Issues of NEA OSS Forum

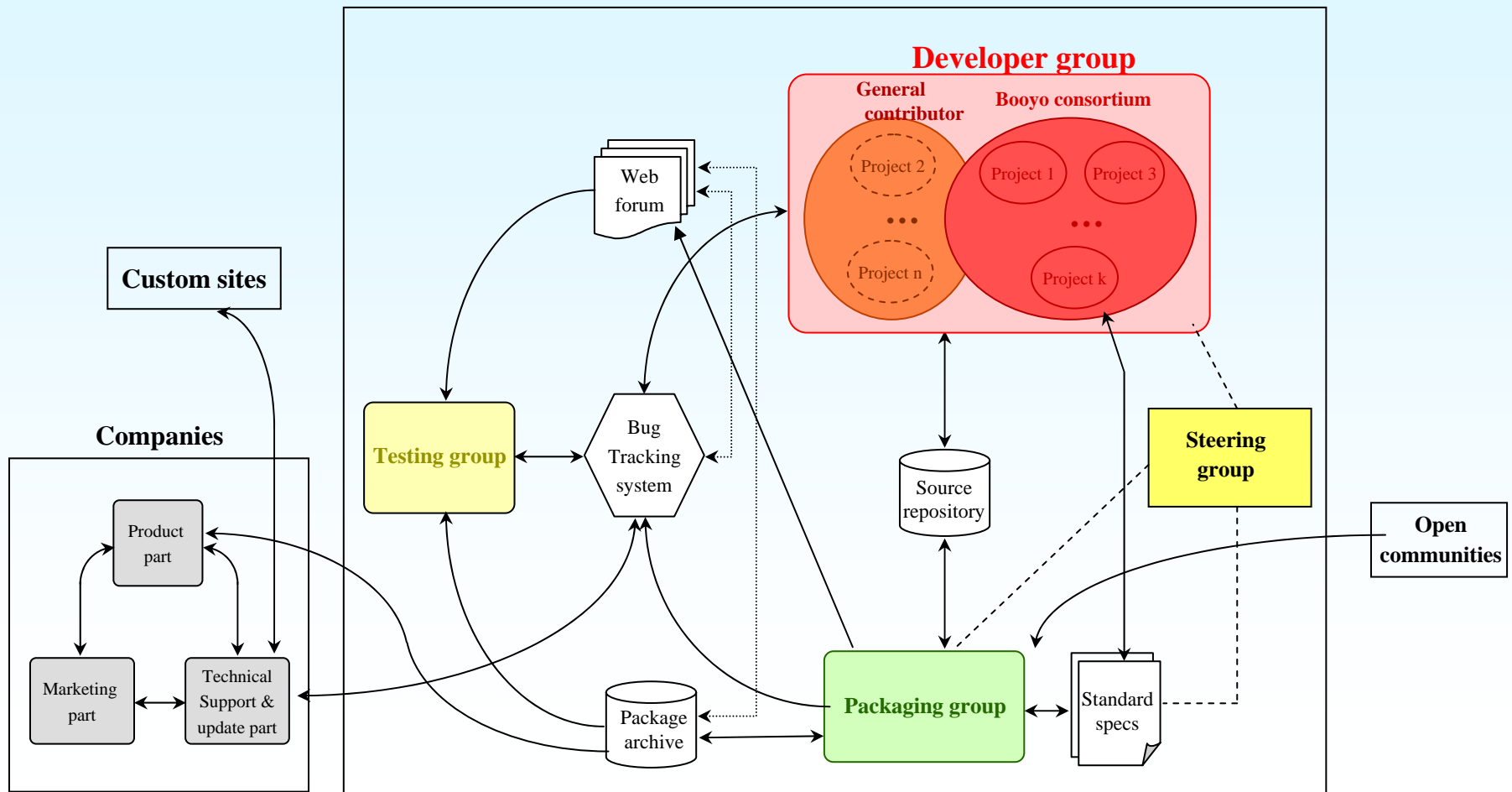
- ❑ Fewer contribution back to the world communities
- ❑ No lead in the world-wide open source projects
- ❑ The potential power of Asian developers were scattered

Cooperation or Minor Survivals ?

- ❑ Why a community is so important in OSS ?
 - It is the Business model.
 - Products without related communities will disappear sooner or later.
- ❑ International contribution by CJK
 - From OSS consumer to producer
 - 5% in 2008 : 10,000 developers
- ❑ CJK common developers community
 - Easy to communicate each other even in English
 - Simpler decision making process than the international communities lead by English-spoken
 - Not only source development but also common specification(standard)
- ❑ North East OSS Promotion Forum
 - WG1(Development), WG3(Standardization)

Community organization

OSS communities



Expectation effects

- Through CJK communities, CJK can
 - solve the problems supply-and-demand of engineers
 - bring up Asian SW developers
 - make companies with acquirement of technologies and ideas
 - develop stable and excellent outcomes
 - improve the Brand Identity of products implemented via community
 - expect that global companies and other countries watch CJK activities with deep concern

Conclusion

*We must devote our utmost efforts to establish
successful CJK communities*

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Thank you!

