

Situation and Development of China OSS

Shanqin QIU

China
2014-11-20



中国开源软件推进联盟

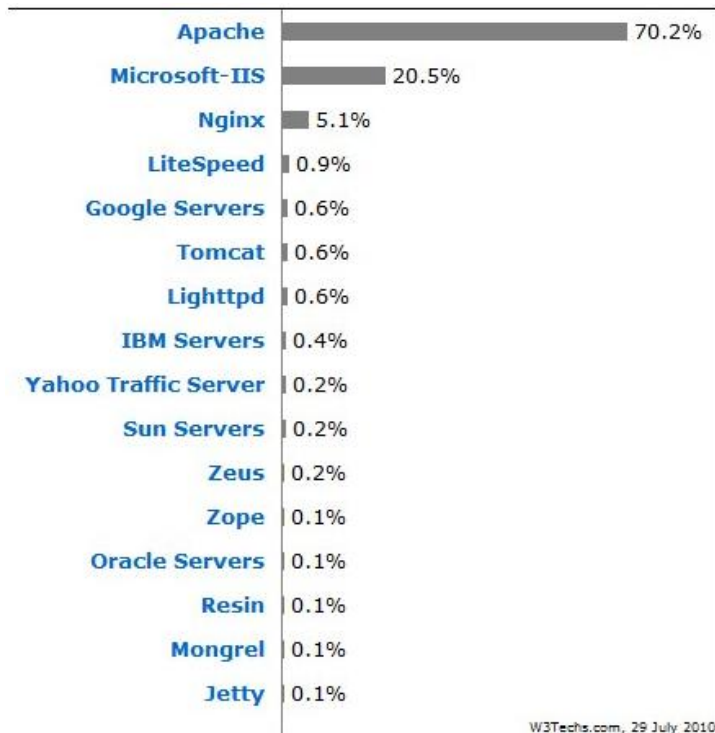
China Open Source Software Promotion Union

Contents

- **Global OSS Development Trends**
- China OSS Situation, Opportunities & Challenges
- Future Plan

Fast OSS development promotes industry innovations

Usage percentage in Top 1,000,000 Web Servers



- Linux has become the mainstream server OS.
- 75% of the world top 1 million websites are using open source web servers (Apache and Nginx)

OSS fully penetrates global IT industries

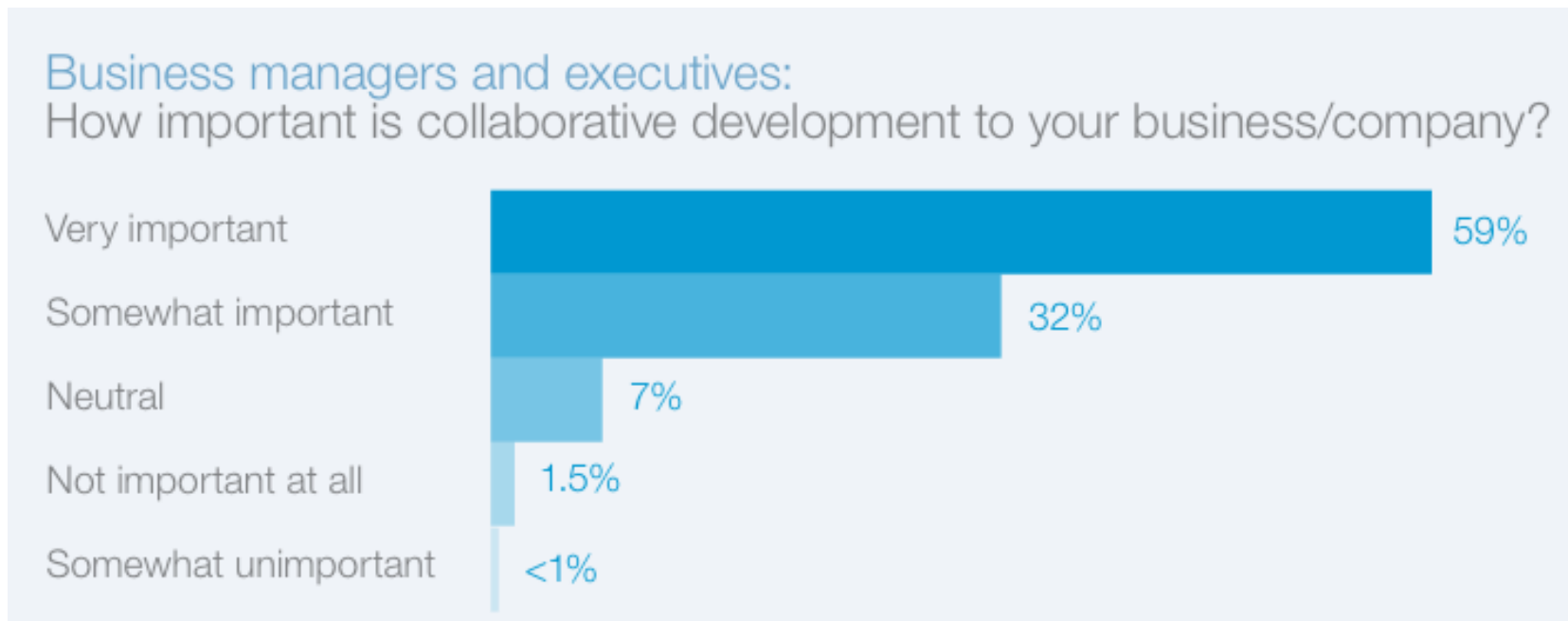


- In 2015, 85% business software will use open source technologies
- In 2016, at least 95% mainstream IT companies and organizations will directly or indirectly use OSS in its mission-critical programs

(reference: Gartner)

Open source collaboration is the best and most economical way of software production

Linux Foundation did a survey for 686 members in March: 91% of executives believe that the open source approach is highly significant for the business



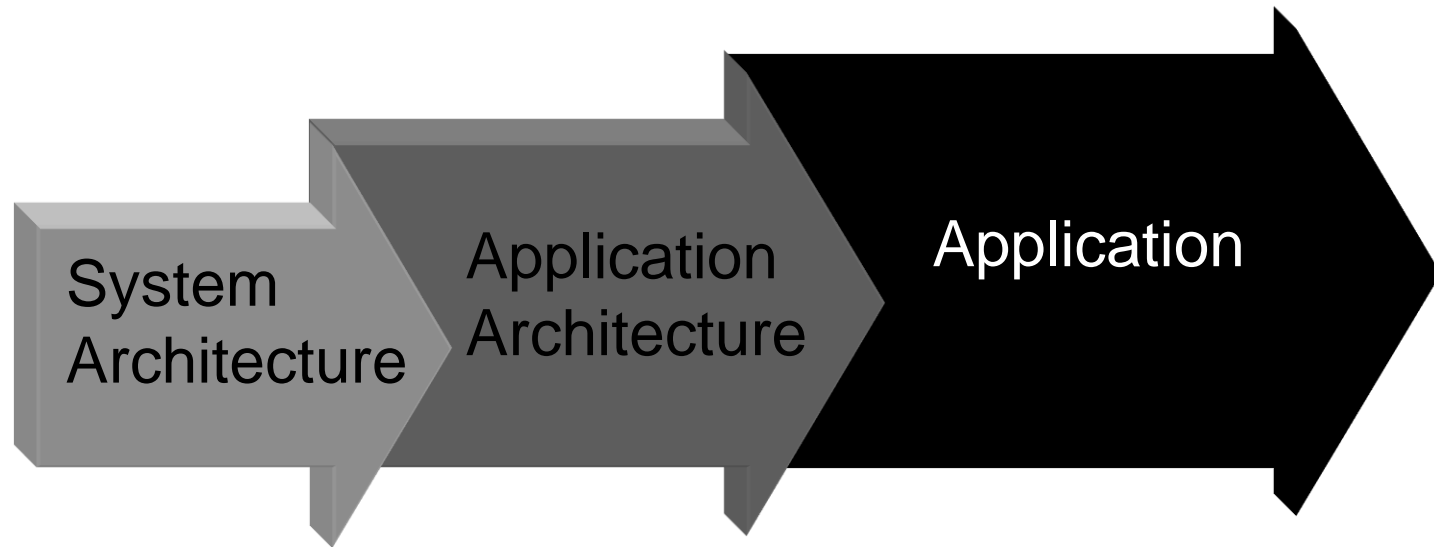
More actively software developers participate in open source community activities

Last year, the global open source community participation increased 59%



Global trends of open source technologies

- High acceptance level in infrastructure areas
- Lower acceptance level in enterprise applications

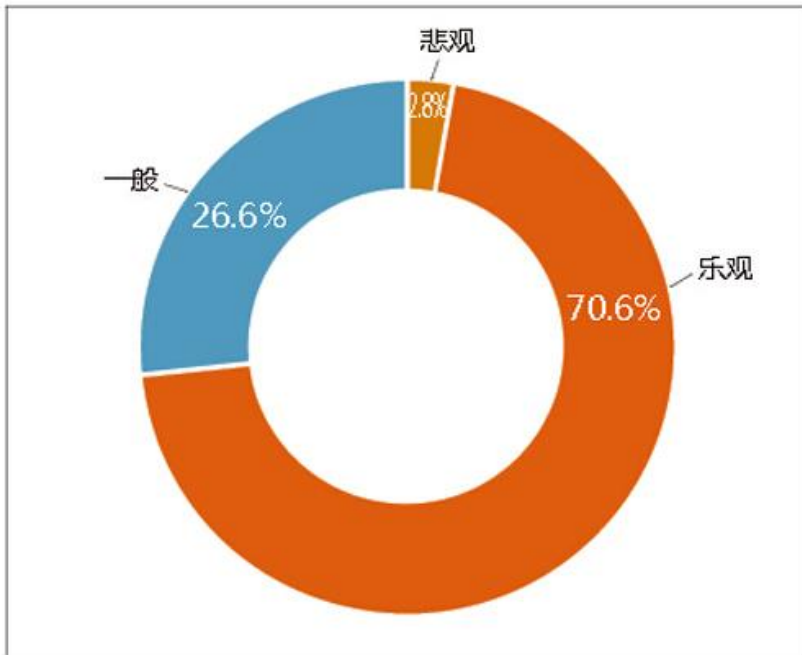


Contents

- Global OSS Development Trends
- **China OSS Situation, Opportunities & Challenges**
- Future Plan

Software industry continues to expand

from Jan. to Sep. in 2014, China's software and IT services software revenue ¥2.6815 trillion, a year-to-year increase of 20.6 percent



The survey launched jointly by CCID Software & Info Services Magazine and the China IT Value Chain Research Center : Positive and negative attitudes toward 2014 Software and IT Services Industry development

Better environment cultivated by Chinese government and industries

The Twelfth Five-Year Plan of Development in the Software and Information Technology Service sector

OSS model industrial ecosystem

Enhance the innovative and developing level of OSS Enterprises

China the world's largest internet country

- Domestic smart phone brands accounted for 6 of world top 10, with 25% market shares
- Over 1/3 total Android users in China
- Til June 2014, Internet users reached 632 million, mobile phone users 527 million, 3G users 471 million
- Til Quarter 3, 2014, 4G users up-to 40 million

Server + Cloud + Big Data + IOT

- China Cloud infrastructure investment growth rate has reached 42.0%
- 2012-2017 China big data market CAGR forecast to be 39%
- 2015 overall China Internet of Things market will reach 750 billion RMB, CAGR nearly 30%

Large Chinese enterprises set up open source sectors, to develop open source strategies



- * Open-sourced more than 100 proprietary projects



- * Established dedicated OSS Center



- * More than 200 open source projects



- * Extensive use of open source technologies, participation in open source communities

Chinese contribution to the international open source community has increased every year

Total changed lines of this kernel release: 846249

39 countries contribute their works to this kernel release.

Averagely, every countries committed 21698 changed lines.

⊕ No. 1	Unknown	316989(37.46%)
⊕ No. 2	American	134513(15.90%)
⊕ No. 3	Chinese	70549 (8.34%)
⊕ No. 4	Netherlander	43252 (5.11%)
⊕ No. 5	German	40777 (4.82%)
⊕ No. 6	Korean	28110 (3.32%)
⊕ No. 7	Indian	26239 (3.10%)
⊕ No. 8	English	25724 (3.04%)
⊕ No. 9	Australian	24588 (2.91%)
⊕ No. 10	Belgian	17145 (2.03%)

SOURCE: Linux Kernel Patch Statistic



中国开源软件推进联盟

China Open Source Software Promotion Union

China OSS Promotion Union continues to deepen international cooperation



Challenges for China Open Source

- A large number of Chinese companies do not know well about open source software, do not know how to effectively carry out OSS governance and the collaboration in communities.
- Lack of talents who master OSS skill sets

Contents

- Global OSS Development Trends
- China OSS Situation, Opportunities & Challenges
- **Future Plan**

Promotion plan

- Guide more Chinese enterprises and developers to use open source technologies and to participate in the international communities; Support the development of local communities
- foster the training of OSS talents
- Promote the work of OSS governance, license compliance and intellectual property protection

Promotion plan

- Strengthen the open source software industry research, support government decision-making
- Strengthen exchanges and cooperation



Thank you!

