Developing Operating System and Basic Software by Open Source Model in China

Chen Yue

China OSS Promotion Union
CSIP – OSS Center
We are...

China OSS Promotion union

www.copu.org.cn
COPU Mission

- International communication
- Standardization
- Project support
- Open technology training
- OSS IP service
- Community support
- Media support
- Business support

China OSS Promotion Union
COPU Mission
OSS Developing Status in China

- Industry environment for OSS become better in China
- OSS Industry Scale is increasingly growing, Open Source technologies are applied in more and more area.
- OSS policy for Chinese IT enterprises is clearer, and more active for OSS contribution.
- More international corporation in OSS industry
- Some new OSS public service for companies and communities
OSS Projects from China

- POMELO
- Dorado7
- OceanBase
- Linux Deepin
- fastDFS
Industry Environment of Chinese Desktop Operating System and Basic Software

- Government policy is beneficial to OS and basic software developing
- OSS and open technology are applied, and convenient for Chinese developing OSS and basic software
- Some Chinese companies have power to cover and developing OS

Opportunities
Industry Environment of Chinese Desktop Operating System and Basic Software

- Many OS products, but lack for key technologies and features
- Lack for a long-term talent strategy for IT technology experts and developers
- Lack for business support from big companies
- Lack for robust industry ecosystem for OS development

Challenges
Developing model for Chinese OS industry

- Government promotion
  Such as Redflag, COS

- The 3rd party organization + community
  Such as Ubuntu Kylin (CCN Lab)

- Private enterprise + community
  Such as Deepin OS
Case one: Ubuntu Kylin

- **WPS Office**
  - Corporating with kingsoft
- **Networking disk**
  - With kingsoft
- **Sogou input**
  - With sogou
- **Software center**
- **Uker tools**
  - System management tools
Case one: Ubuntu Kylin

- Desktop environment
- SDK for developers
Case one: Ubuntu Kylin
Case one: Ubuntu Kylin
Case two: Deepin OS

A new desktop environment based on web technology
Some high quality desktop application for end users
30+ project, 3 million lines source code

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<th>深度系列应用</th>
<th>Linux应用</th>
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<td>搜狗输入法，WPS，火狐浏览器......</td>
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<td>深度桌面环境 (Deepin Desktop Enviroment)</td>
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系统内核（Linux kernel）与底层服务

Architecture
Case two: Deepin OS
Case two: Deepin OS
Case two: Deepin OS
Tizen

Using Open Source, rooted in the Chinese IT industry
Let’s Open Source

Open Source is Opportunity for Us, also for China.
谢谢

Thank You

My home page: http://my.oss.org.cn/nick

weibo: @NICK_陈越