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

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China OSS Promotion Union
CSIP – OSS Center

We are…

China OSS Promotion union

www.copu.org.cn

COPU Mission

Technology | **Community**

OSS Service

Training | **Industry Promotion**

- 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

禅道 ZenTao

OceanBase

Linux Deepin

文泉驿
开源中文计划

Fcitx 小企鹅输入法

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**
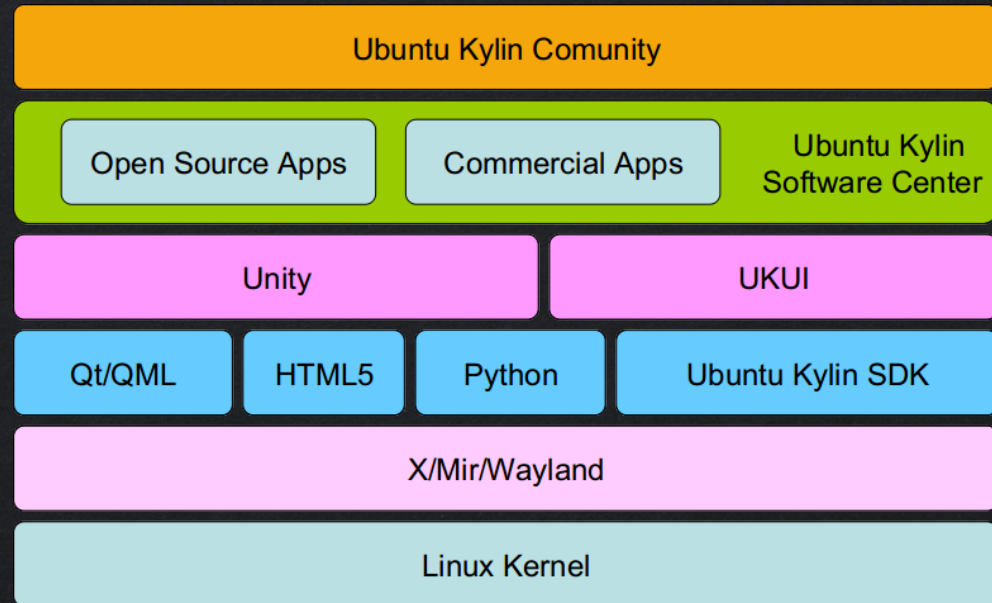
   Such as Ubuntu Kylin (CCN Lab)

◆ **Private enterprise + community**

   Such as Deepin OS

Case one: Ubuntu Kylin

- **WPS Office**
  - Corporating with kingsoft
- **Netwoking disk**
  - With kingsoft
- **Sogou input**
  - With sogou

- **Software center**

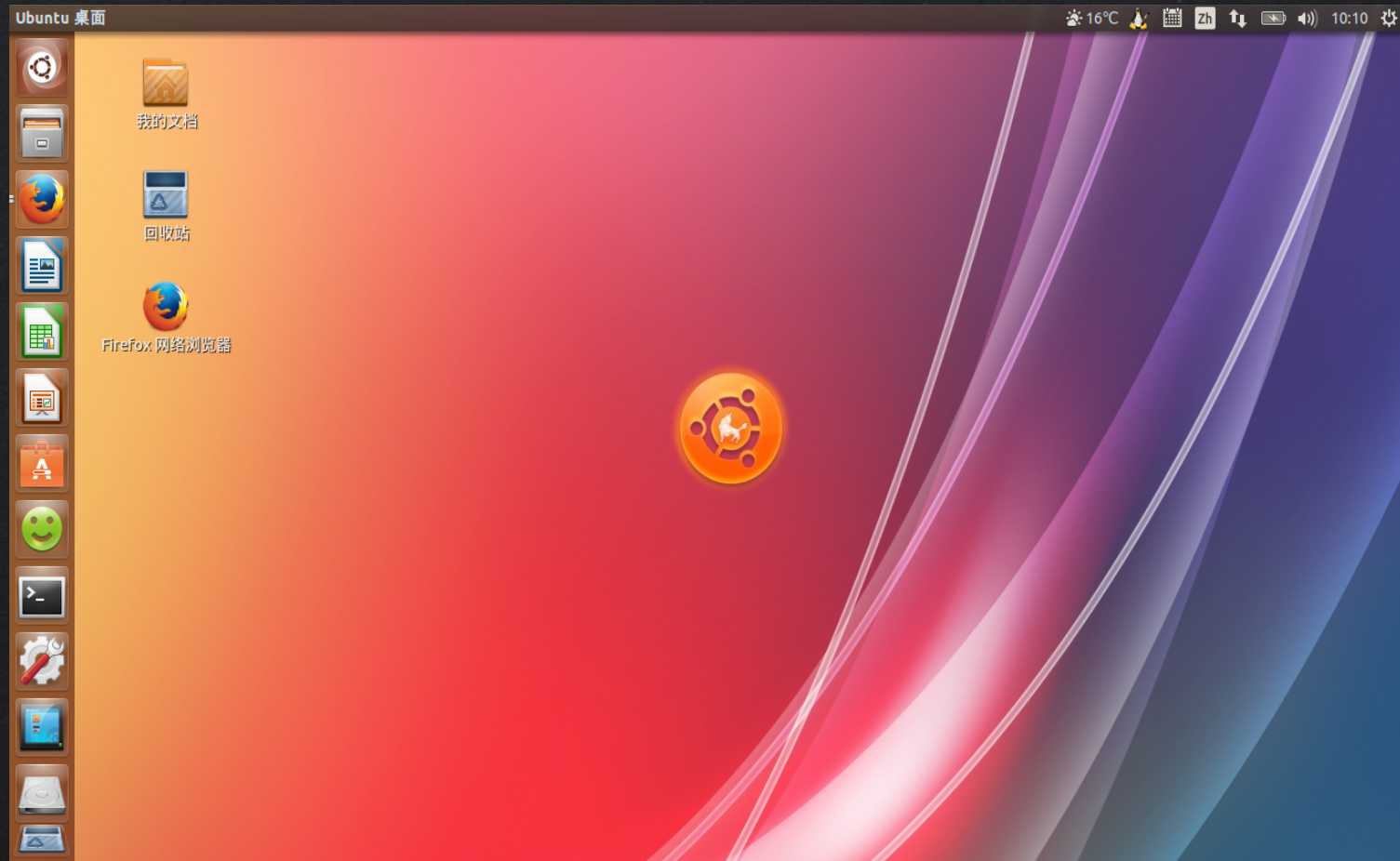- **Uker tools**
  - System management tools

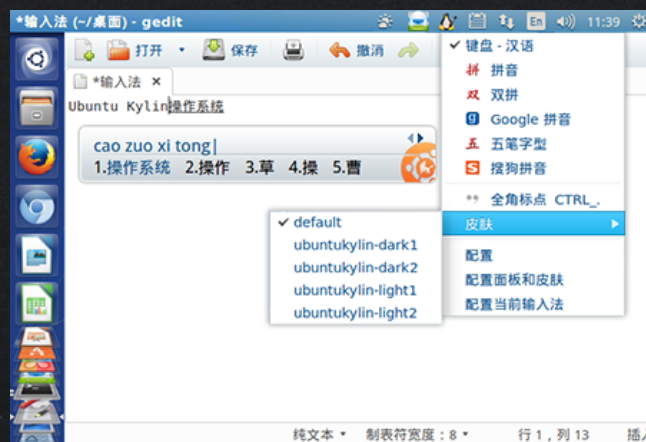| Ubuntu Kylin Comunity		
Open Source Apps	Commercial Apps	Ubuntu Kylin Software Center
Unity		UKUI
Qt/QML · HTML5 · Python		Ubuntu Kylin SDK
X/Mir/Wayland		
Linux Kernel		

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，3million lines source code

深度系列应用 深度音乐，深度影院，深度翻译，软件中心，游戏中心**......**	Linux应用 搜狗输入法，**WPS**，火狐浏览器**......**	Windows应用（**QQ**，**OFFICE**，**PhotoShop**等）
		DeepWine（Wine中间层）
深度桌面环境 **(Deepin Desktop Enviroment)**	深度系统设置服务 （**Deepin Setting Deamon**）	
系统内核（**Linux kernel**）与底层服务		

Architecture

TIZEN™ DEVELOPER SUMMIT 2014 SHANGHAI TIZEN开发者峰会（上海）

Case two: Deepin OS

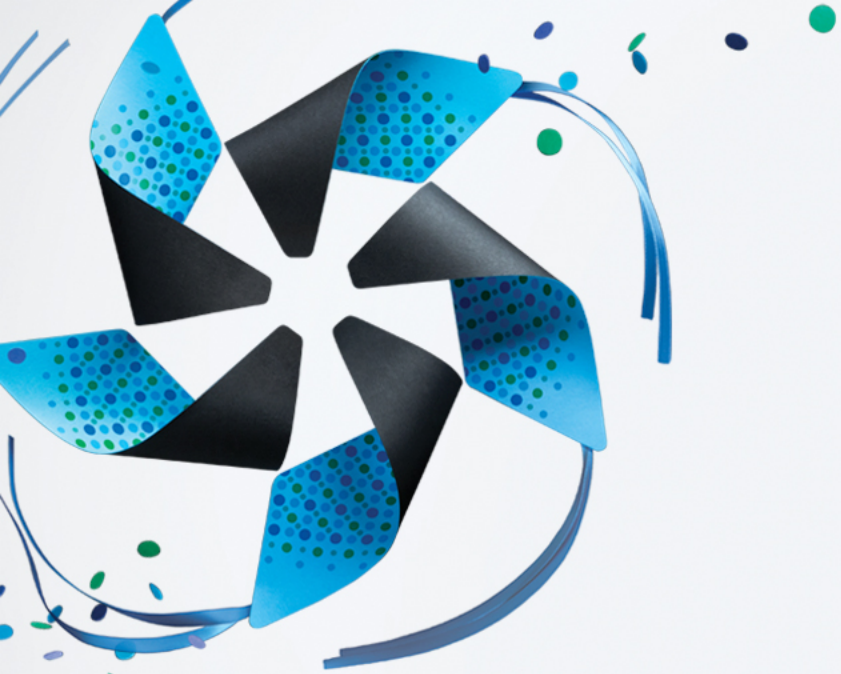# Case two: Deepin OS

Case two: Deepin OS

Tizen

Using Open Source, rooted in the Chinese IT industry

**Not Only
Open Source**

Let's Open Source

Open Source is Opportunity for Us, also for China.

谢谢　　Thank You

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