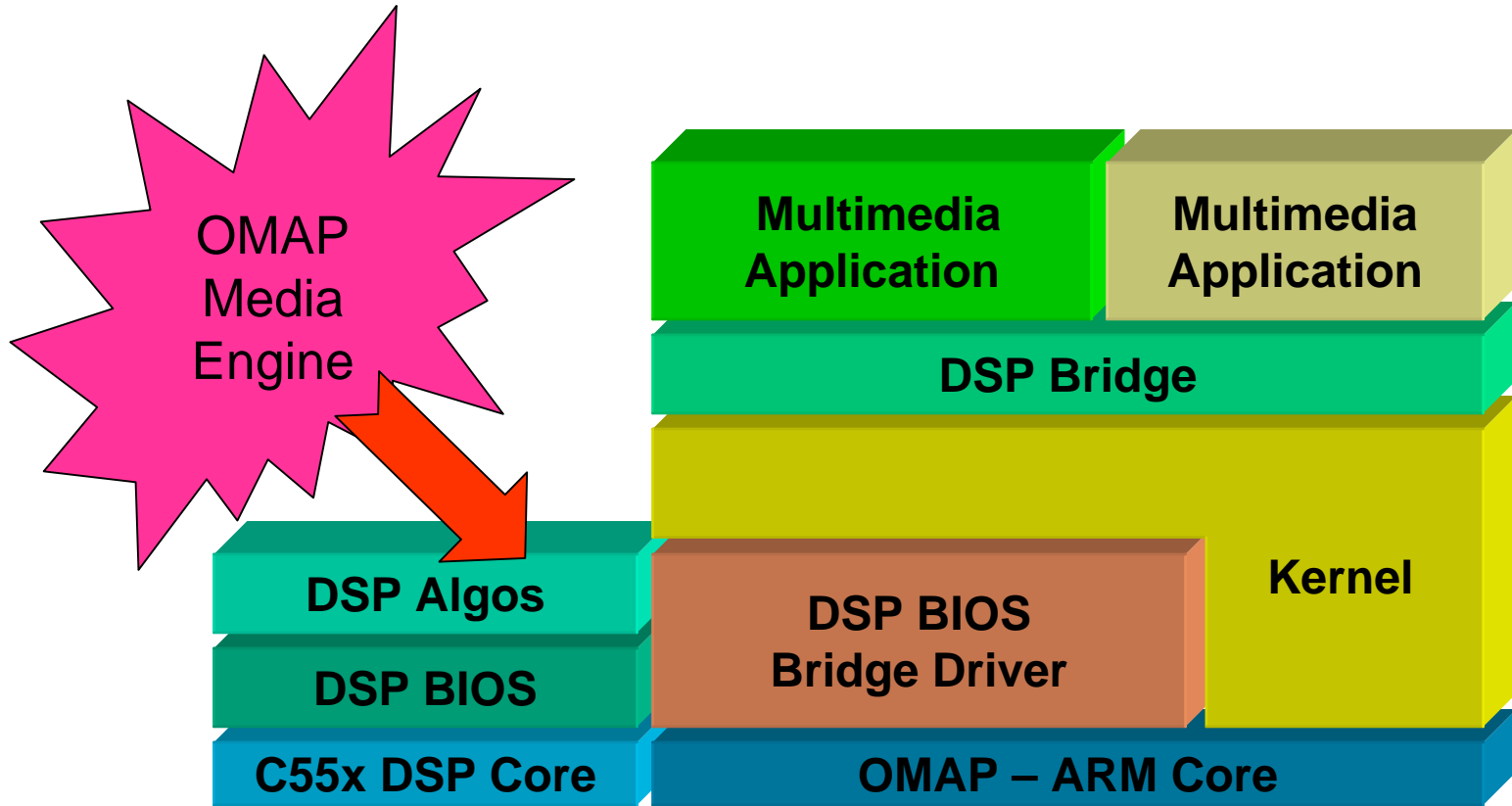
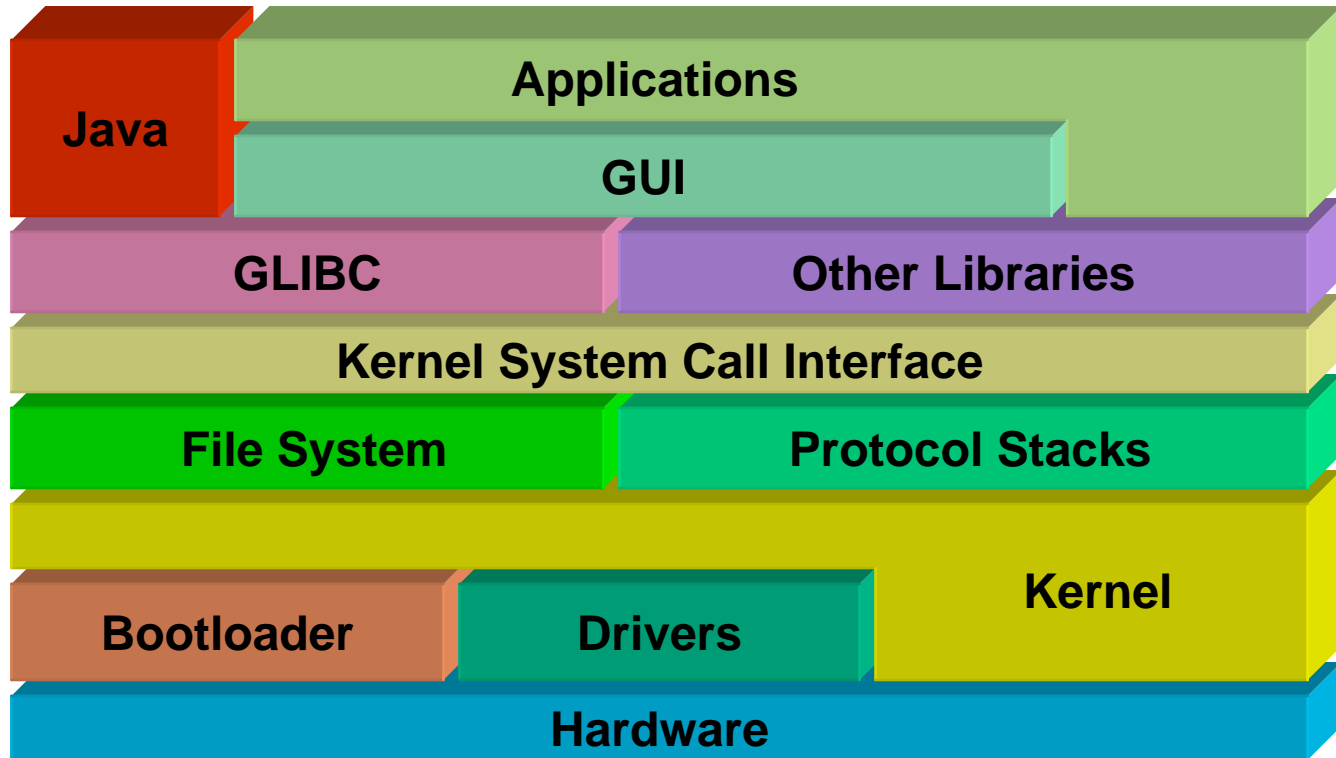


Linux Solution On OMAP

<http://www.microunit.com.cn>



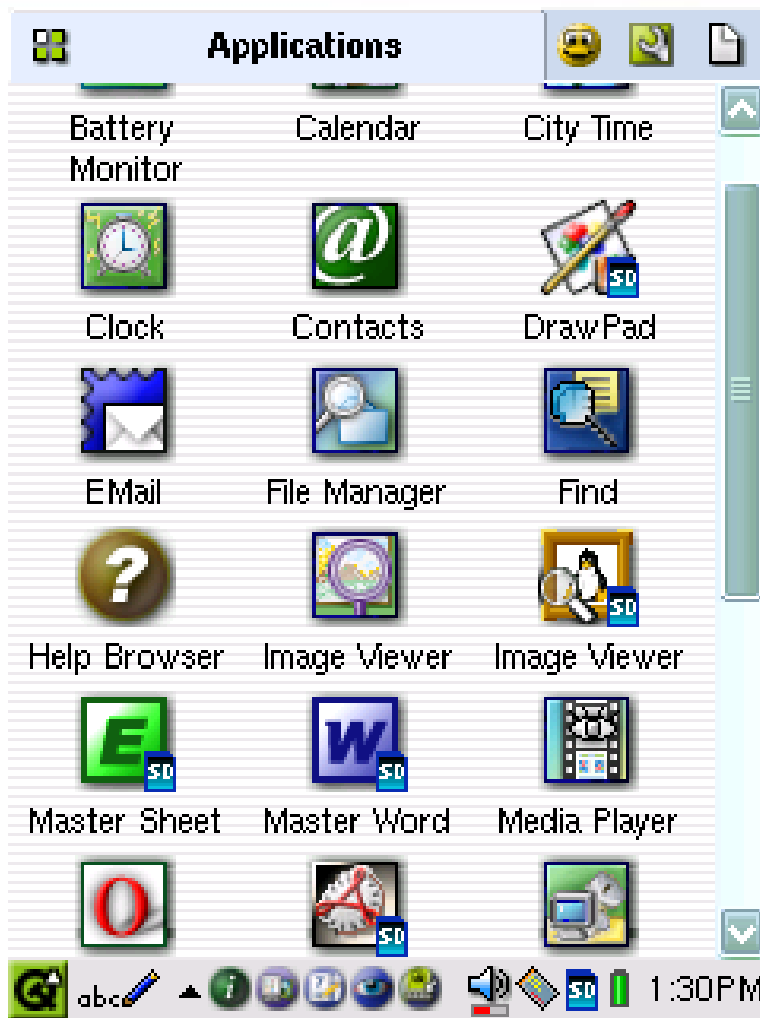
System Architecture



- **Base On MontaVista CEE 3.0**
- **TI OMAP 710, 1510/5910 Ready**
- **Various Driver Support**
 - ▶ **Communication – Ethernet, 802.11b, Bluetooth, IrDA...**
 - ▶ **Extended Interface – Compact Flash, MMC/SD**
 - ▶ **M-System DiskOnChip Millennium Plus**
 - ▶ **USB Host**
 - ▶ **USB Slave(Ethernet via USB, Mass Storage)**

- **XIP**
- **Image update via external storage**
- **Power management**
 - ▶ **Dynamic CPU speed scaling – auto measuring the needed CPU speed**
 - ▶ **Customization power saving strategy**
 - ▶ **Kernel interface for application**
 - ▶ **All drivers are power management optimized**
- **File system**
 - ▶ **M-system TrueFFS**
 - ▶ **NAND flash file system**
 - ▶ **Persistent RAM disk**
 - ▶ **Synchronous file I/O**

- **World Leading Embedded GUI – Trolltech Qtopia/Qt-Embedded**
- **Full Feature Window System**
- **Rapid Development Tools Under MS-Window/Linux**
- **Scalable Memory Usage: 500KB – 4MB**
- **Same API With Qt Desktop Over X-Window System**
- **Online Screen Rotation Capability**
 - ▶ **Application can rotate independently**
- **Flexible UI Design**
- **The Easiest GUI For Development**



- **Unicode System – CJK, Western and Other Language**
- **Universal Input Method – Traditional/Simplified Chinese**
- **Full Screen Hand Writing Recognition**
- **Stroke-Based Font Engine**
 - ▶ **Font size optimized – a half of TrueType font**

未命名 - 文字編輯器

檔案(E) 編輯(E) ✂

鉅格系統科技
Master IA

未命名 - 文本編輯器

文件(E) 編輯(E) ✂

- ✂ 剪切 Ctrl+X
- 📄 複製 Ctrl+C
- 📄 粘貼 Ctrl+C
- 🔍 查找... Ctrl+F
- 🔍 查找下一個

未命名 - 文字編輯器

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- 📄 複製 Ctrl+C
- 📄 貼上 Ctrl+C
- 🔍 尋找... Ctrl+F
- 🔍 尋找下一個

Skip pen input

Lowercase ascii

a
b
c
d
e
f
~

abc

o

Clear

應用程式

PDF 小時鐘 今日事項

瀏覽器

文字編輯器 多媒體播放器 行事曆

求助幫手 系統資源 城市時間

待辦事項 科學計算機 通訊錄

謝鏞 諧論 誑 Sym Set Del

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ファイル 編集 ✂

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- 📄 開く Ctrl+O
- ⊗ 閉じる

abc English 16:31

English

HIRAGANA

簡体五笔

簡体双拼

簡体仓捷

簡体拼音

繁體注音

繁體行列

繁體蝦米

繁體倉捷

繁體簡單

繁體拼音

Settings

City Time

File Browser

Sound Player

15:52

4:02 PM

● PIM

- ▶ Contacts
- ▶ Datebook
- ▶ Todo
- ▶ Find
- ▶ Today
- ▶ **Host Sync – Data exchange with MS-Outlook & Palm Desktop**

● Internet Applications

- ▶ Opera
- ▶ ACCESS Netfront
- ▶ Email Client – POP3/IMAP4
- ▶ Instant Message Client

● Games

● Applications

- ▶ City Time
- ▶ Clock
- ▶ Image Viewer
- ▶ System Info
- ▶ Text Editor
- ▶ Multimedia Player
- ▶ Battery Monitor
- ▶ eBook Reader
- ▶ Voice Recorder
- ▶ RDP Client
- ▶ SciCalculator
- ▶ System Backup
- ▶ Task Manager
- ▶ IrDA OBEX
- ▶ GSM/GPRS Applications

You can get comprehensive applications from Linux community !!!

無線網路

資料加密 密鑰 效能

傳送/接收效能

已傳送千位元組：
已接收千位元組：

連線狀態

信號強度：
 65%

連線品質(SNR)：
 61%

雜訊比：
 20%

行事曆

檢視 設定

一月 2002

日	一	二	三	四	五	六
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
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小精靈

1UP 800 HIGH SCORE 5000

編輯新資料

基本 附註 照片

使用照片

選擇：

owner
80 x 95
True color

2:43

● MontaVista Embedded Linux

- ▶ Industrial Standard GNU Toolchain
- ▶ Target Configuration Tool
- ▶ KDevelop Integrated Development Environment
- ▶ Library Optimization Tool
- ▶ Hardware Debug Tool Support

● TROLLTECH Qt/E, Qtopia

- ▶ Qt Designer
- ▶ Frame Buffer Simulator

● **Microunit provide complete design service on OMAP include H/W and Linux S/W support**

● **Contact Microunit for OMAP support**

▶ **Email – sanmao1644@sina.com**

▶ **Email – zsm@microunit.com.cn**

▶ **Phone – 0571-88156055**

▶ **Website – <http://www.microunit.com.cn>**