

# Linux on Mobile Devices

BOF Session

Tim Riker <Tim@Rikers.org>

and all of you!

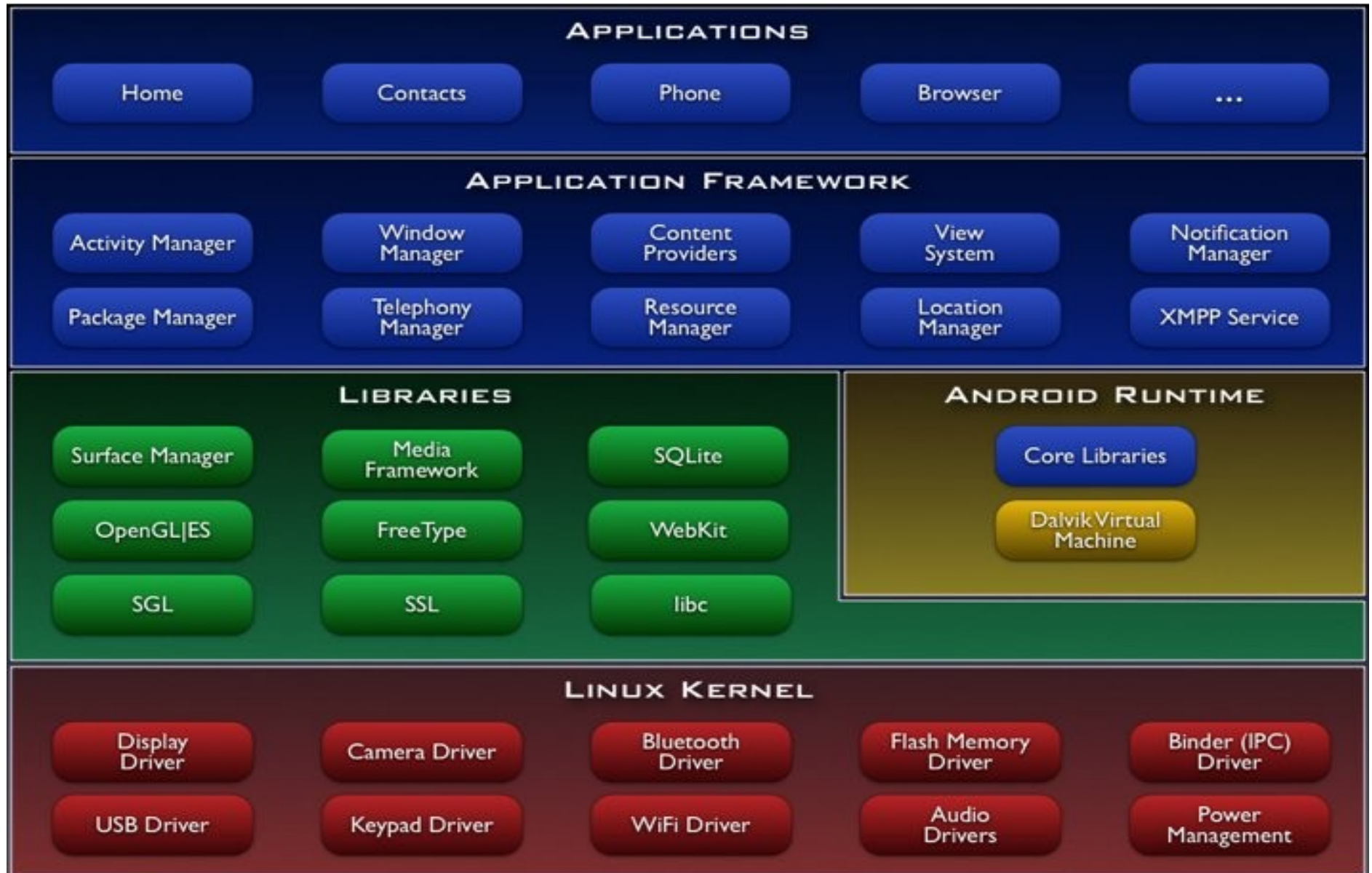
Linux Symposium 2010



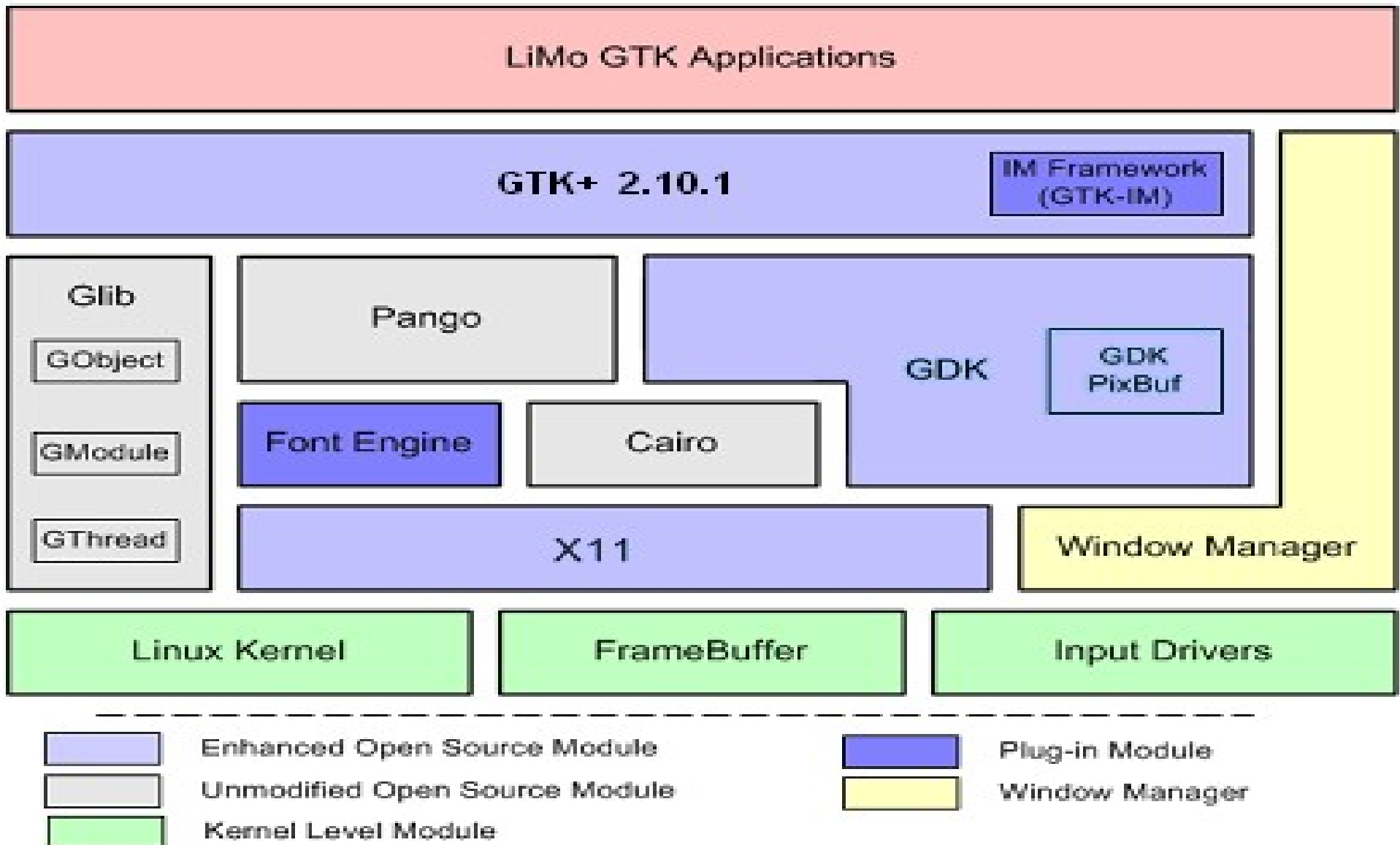
# Current Options

- Android - apk, java
- LiMo – standard, not distro
- WebOS – Not used it yet
- Maemo – Qt, ipkg, GTK?
- Moblin – rpm? Qt and GTK
- MeeGo – MobLin + Maemo, rpm, Qt, GTK?

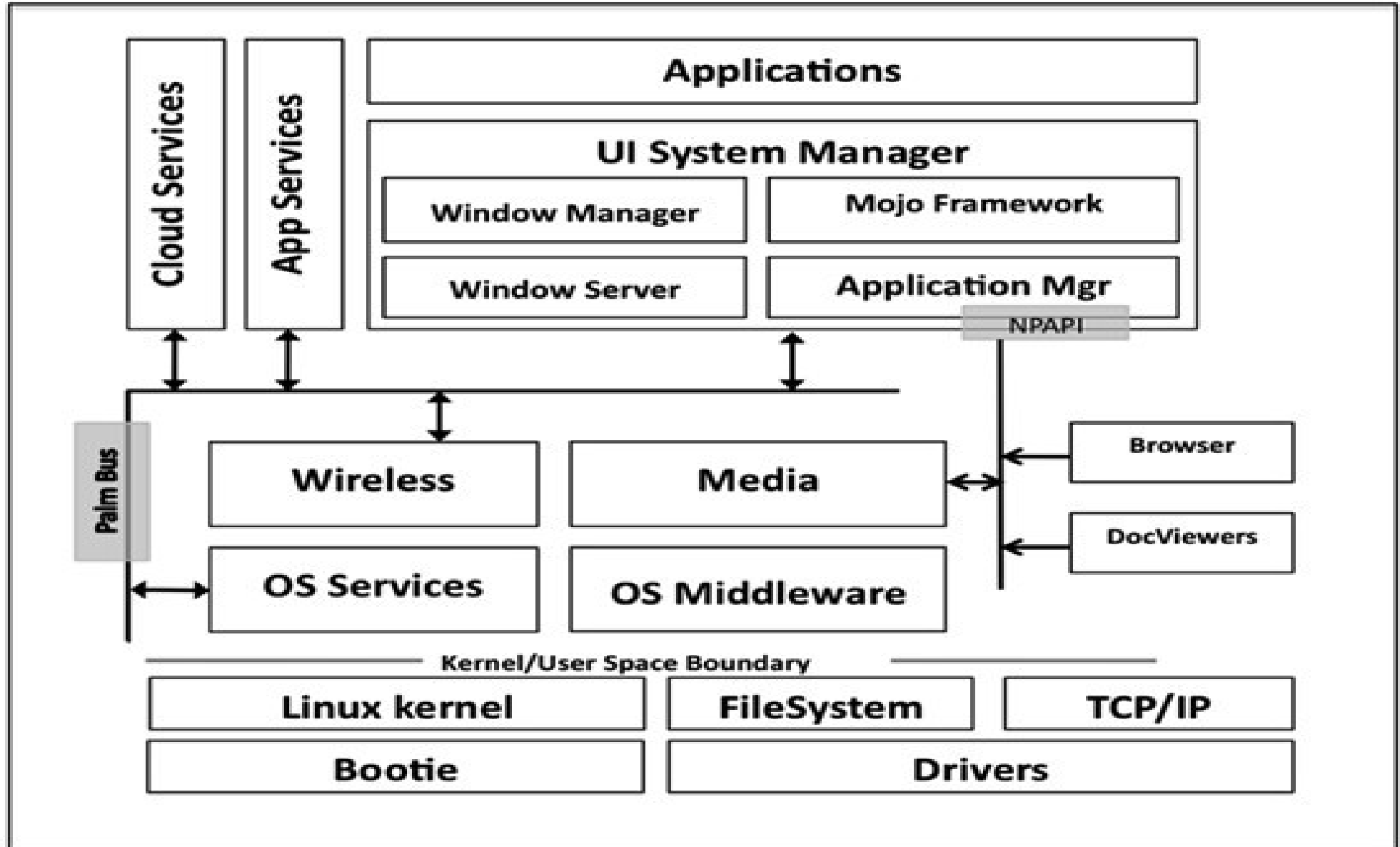
# Android



# LiMo



# WebOS



# Maemo

Hildon UI Framework

Maemo  
Launcher

Maemo SDK

GNOME/GTK+ Application Framework

gStreamer  
Multimedia  
Framework

GNOME  
VFS File  
Access

GNOME  
Structured  
File Library

GNOME  
Configuration  
Management

E-D-S  
Calendar/  
Contacts

Telepathy  
Communication  
Framework

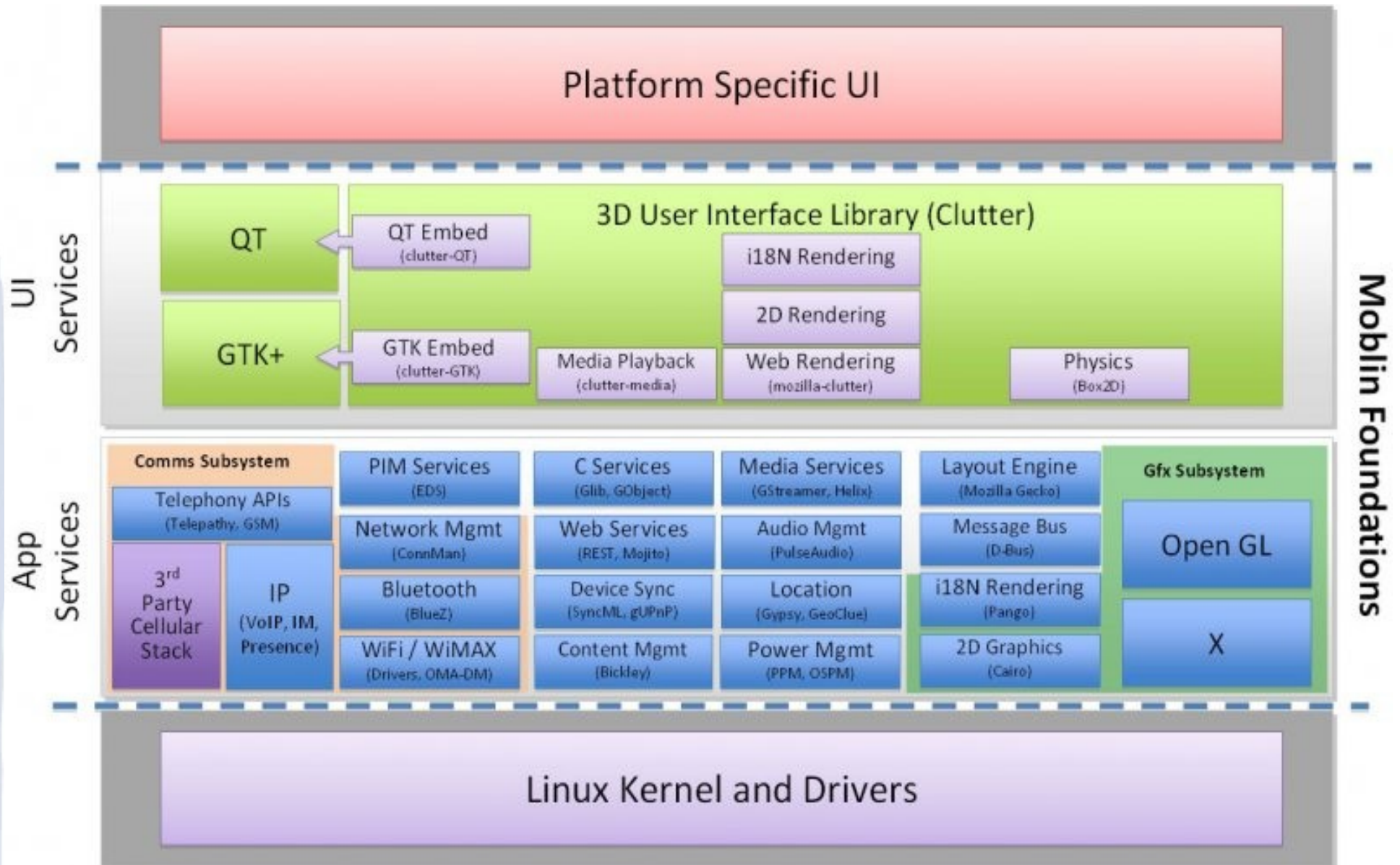
System services such as D-Bus, DSM, MCE, BME, and SQLite DB

Debian Package Management

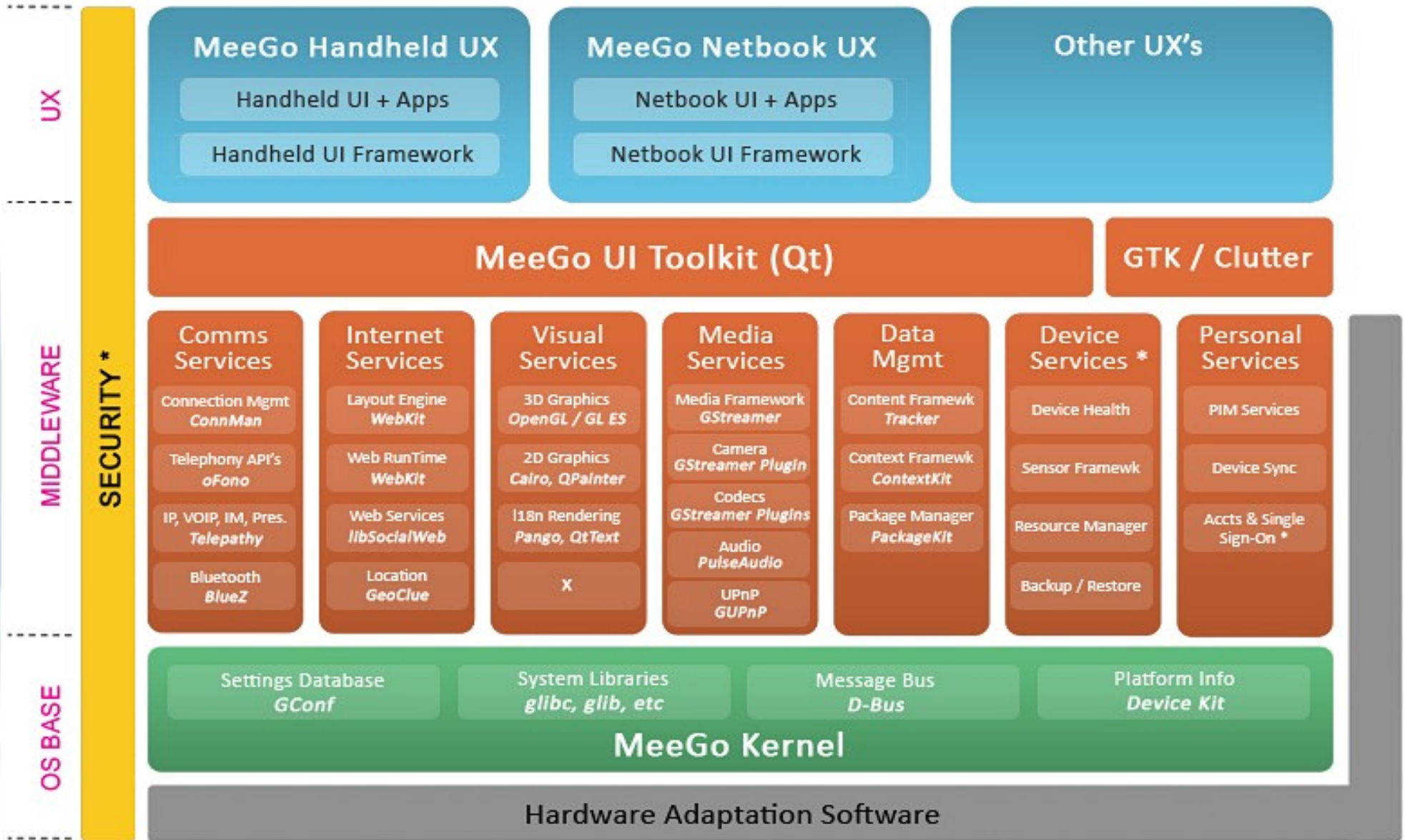
System Libraries incl. GNU C, STD C++, OpenSSL, curl HTTP, etc

ARM/OMAP-based Linux kernel

# Moblin



# MeeGo





# Building Android

- Apps on Linux, Windows and OSX
- OS only on Linux and OSX
- Lets do a walk through
- [http://wiki.cyanogenmod.com/index.php?title=Building\\_from\\_source](http://wiki.cyanogenmod.com/index.php?title=Building_from_source)