

[Slide 7.5: Android overview](#)[Slide 7.7: Android Studio](#)[Home](#)

Android Architecture

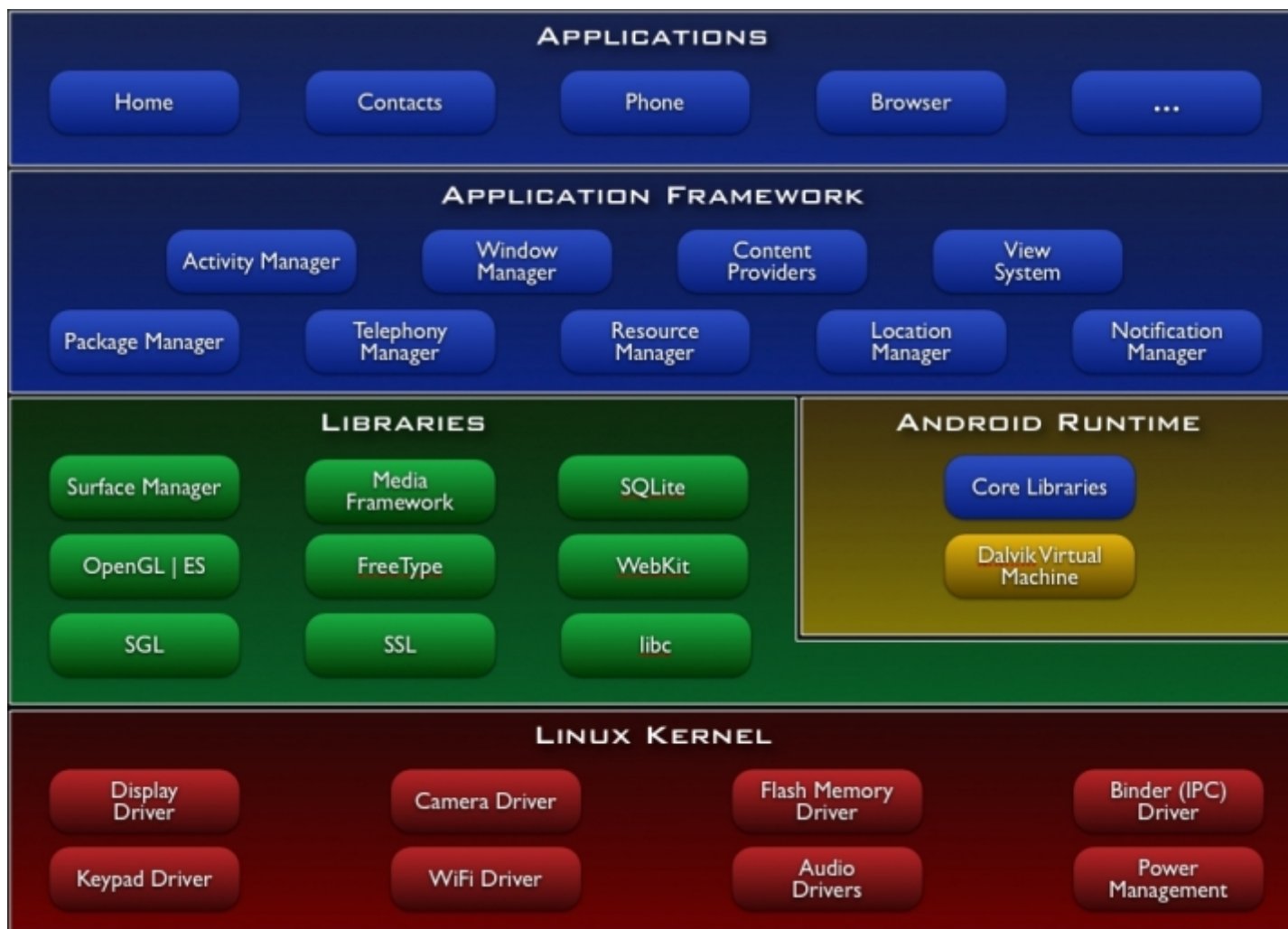
Android consists of a kernel based on the Linux kernel, with middleware, libraries, and APIs written in C and application software running on an application framework which includes Java-compatible libraries based on [Apache Harmony](#). Android uses the [Dalvik virtual machine](#) with just-in-time compilation to run compiled Java code.

The diagram below shows the major components of the Android operating system, which consists of five sections:

- Applications,
- Application Framework,
- Libraries,
- Android Runtime, and
- Linux Kernel.

Androidology - Part 1 of 3 - Architecture Overvie...





Slide 7.5: Android overview

Slide 7.7: Android Studio

Home

