

AOSP and Project Treble

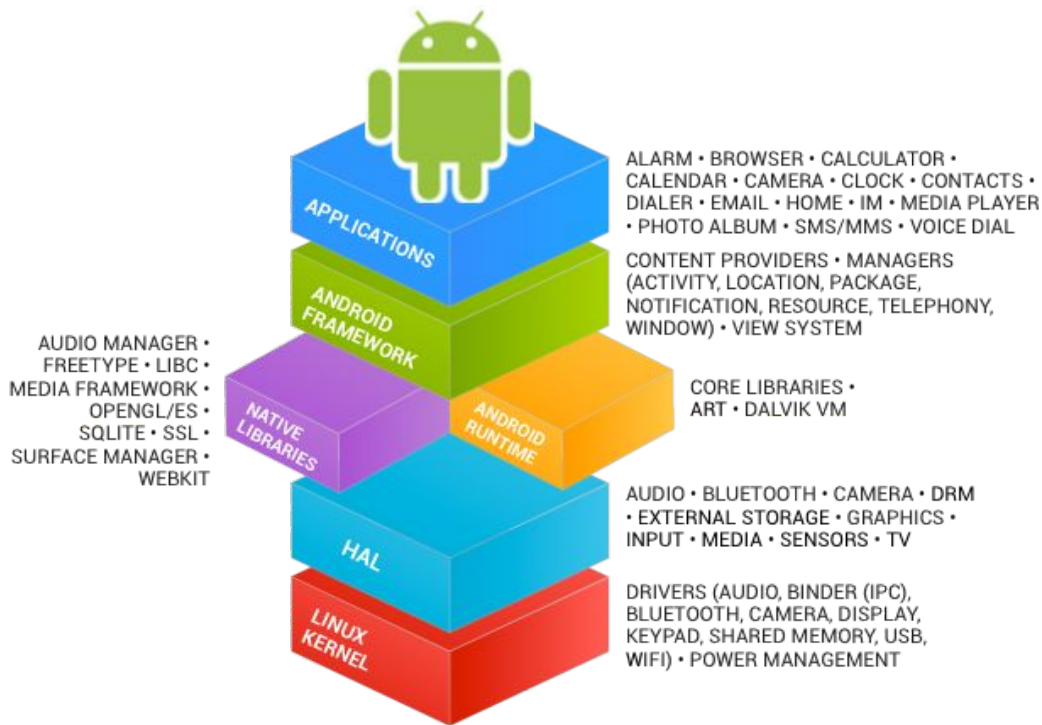
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Agenda

- Android Architecture
- What is AOSP ?
- What is Fragmentation ?
- Solving Fragmentation with Project Treble



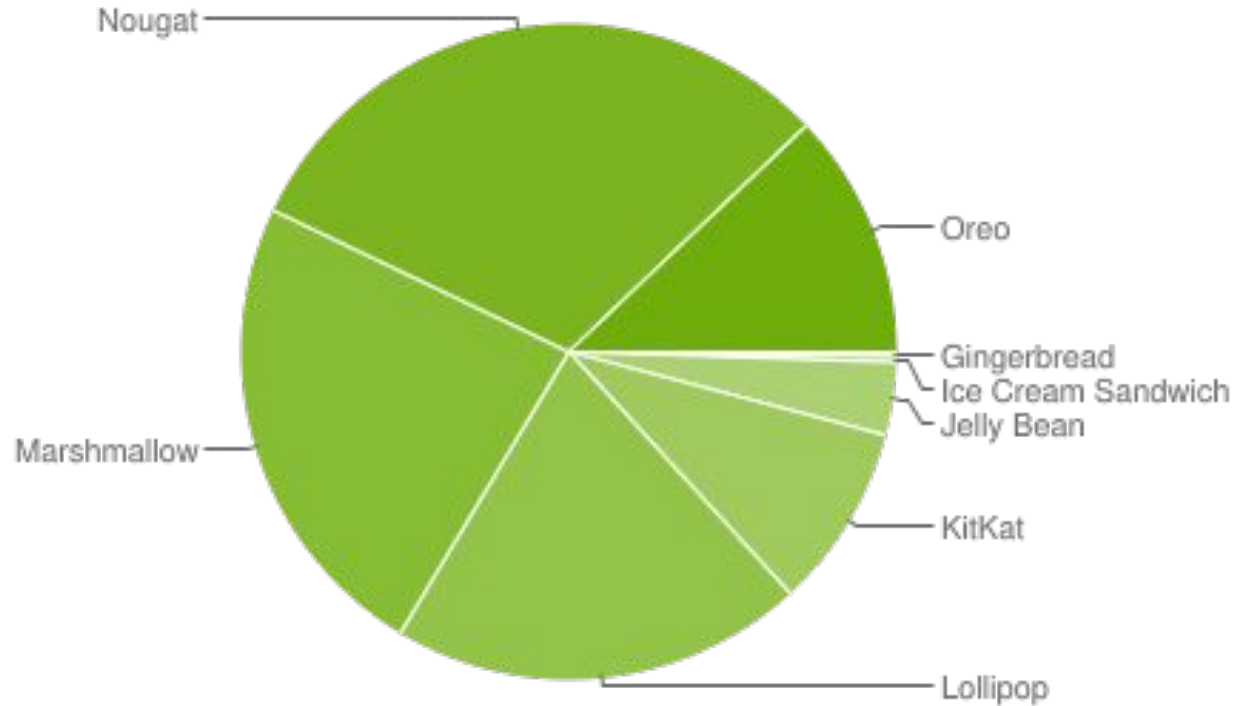
Android Architecture



What is AOSP ?

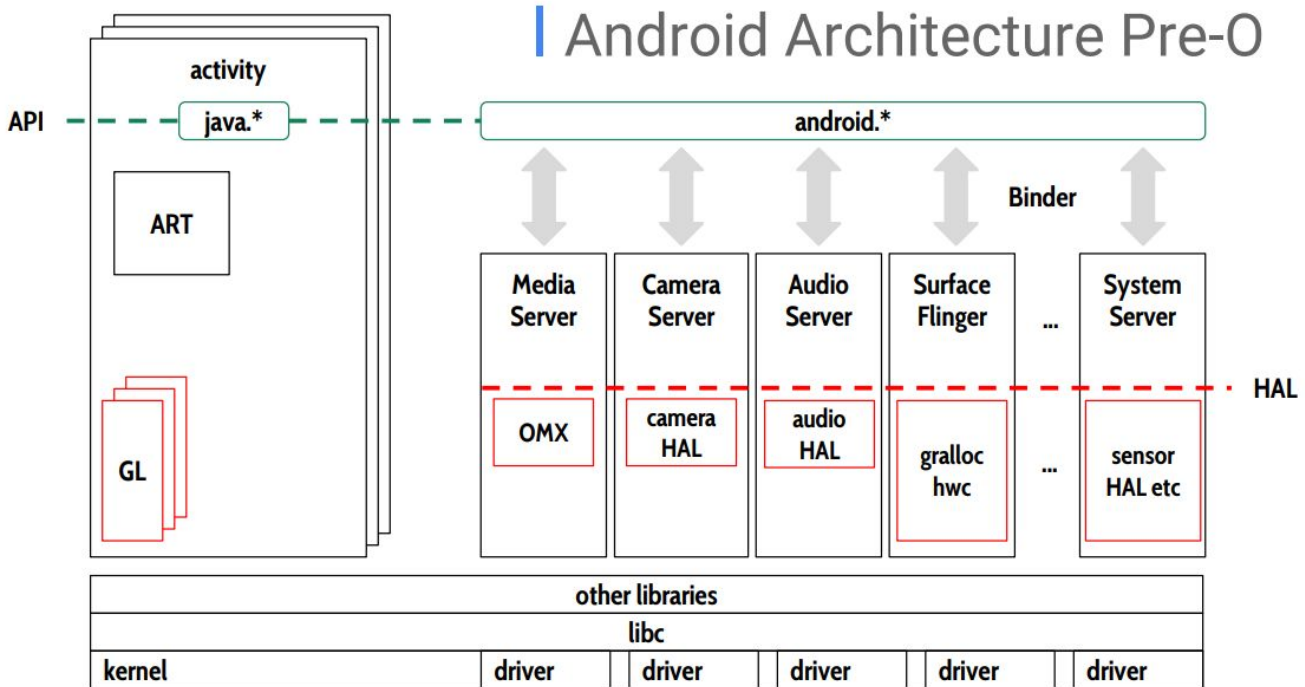
- Android Open Source Project
 - <http://android.googlesource.com>
- Devices Supported
 - Pixel/XL
 - Pixel2/XL
 - Devboards
 - HiKey/HiKey960
 - Xperia devices
 - <https://developer.sony.com/develop/open-devices/>
- Custom Roms (Details on xda-developers)
 - Lineage OS
 - Paranoid Android

Fragmentation

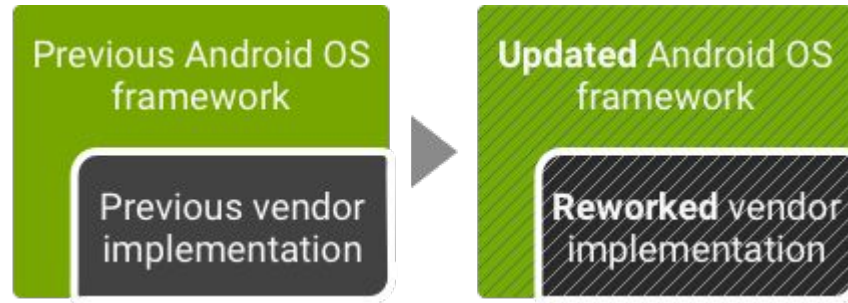


Data collected during a 7-day period ending on July 23, 2018.

Android Architecture Pre-O

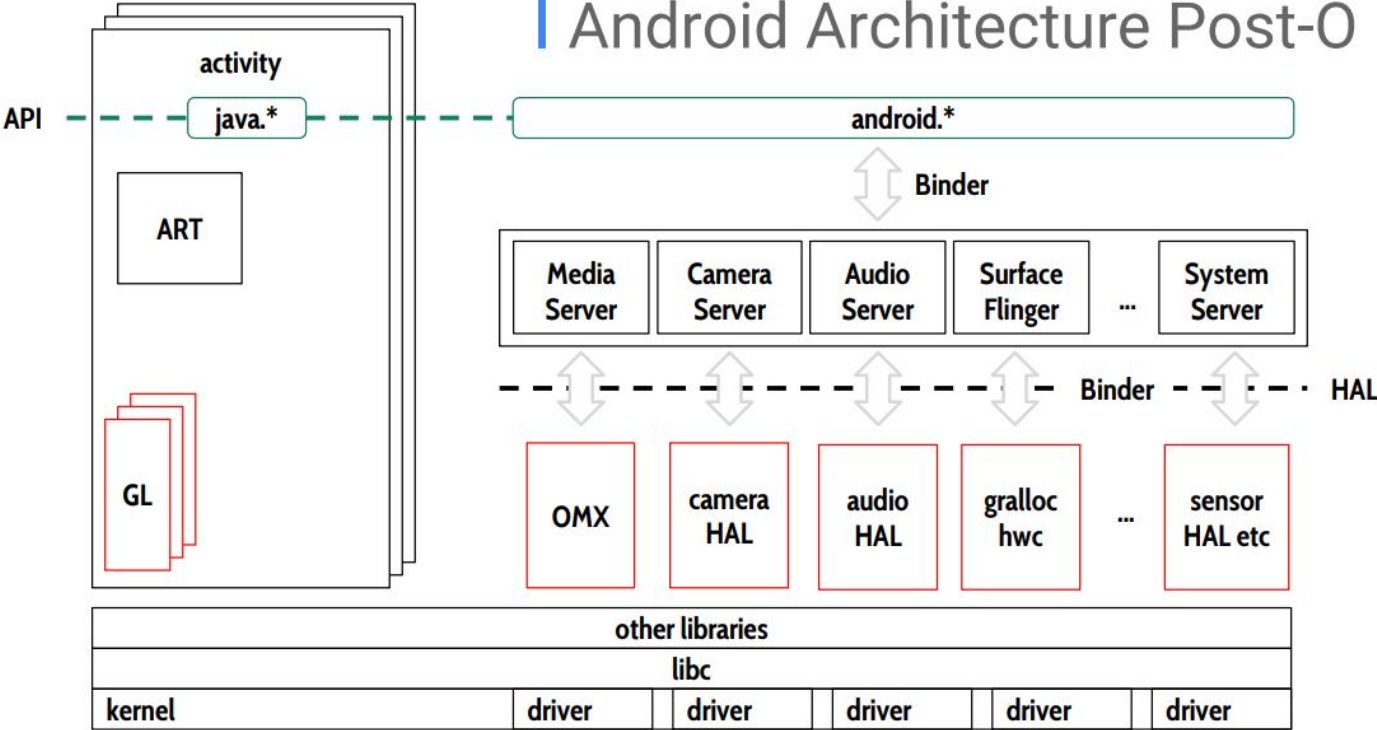


Updates in Pre Oreo



Project Treble (Android O +)

| Android Architecture Post-O



Project Treble (Android O +)



Compatibility Requirements

- CTS (Compatibility Test Suite)
- VTS (Vendor Test Suite)

Thank You !