

Android - The Future

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The Future - Outline

- The current and future of Android
- Your part in it

The Future - Current

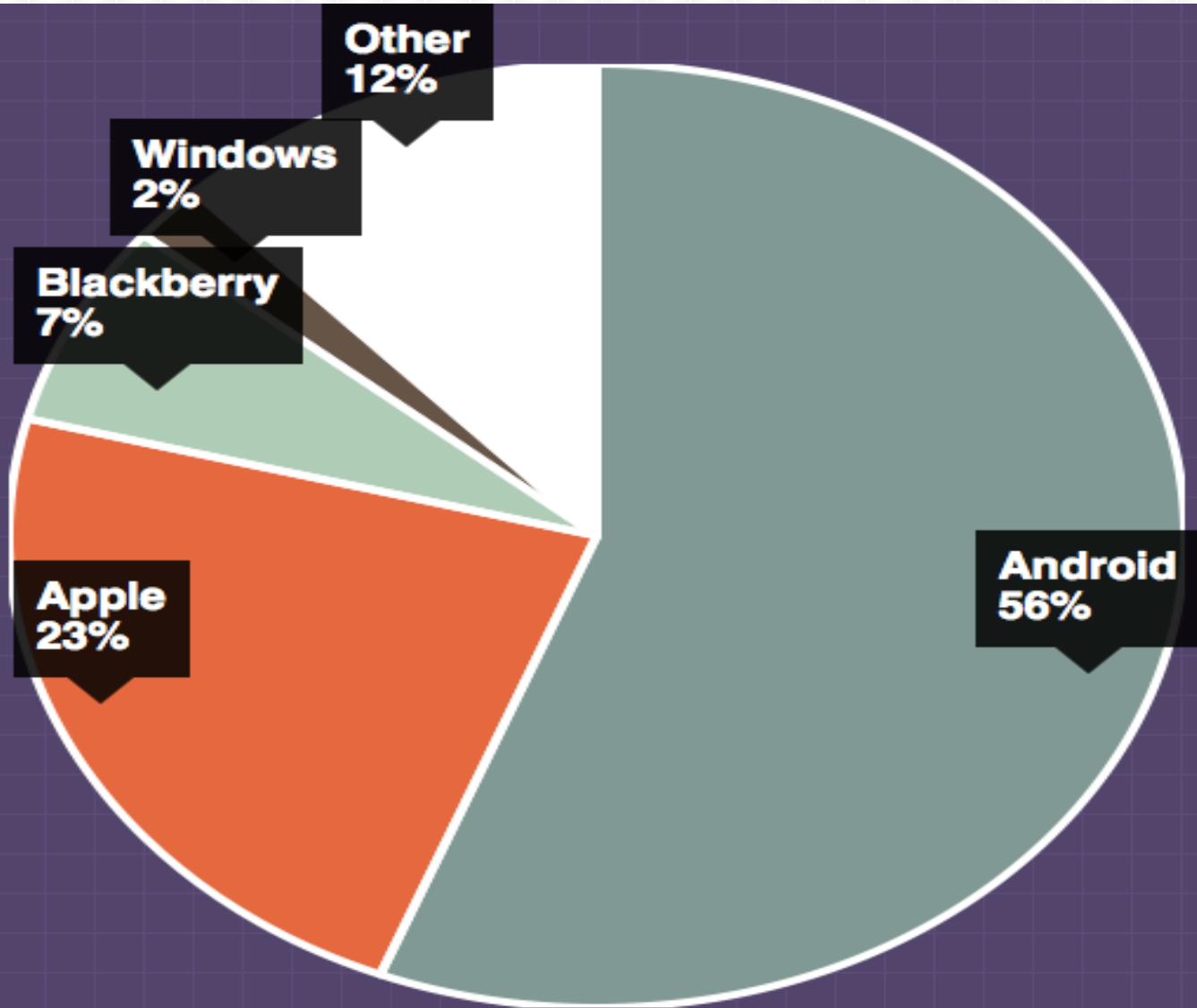
- Mobile phone **framework** built atop of Linux-based kernel
- Led by Google
- Developed by a group of 84 hardware, software, and telecommunication companies called Open Handset Alliance

Stats - General

- Most popular mobile platform
- More than 600,000 apps and games
- Millions of songs and books. Thousands of Movies.

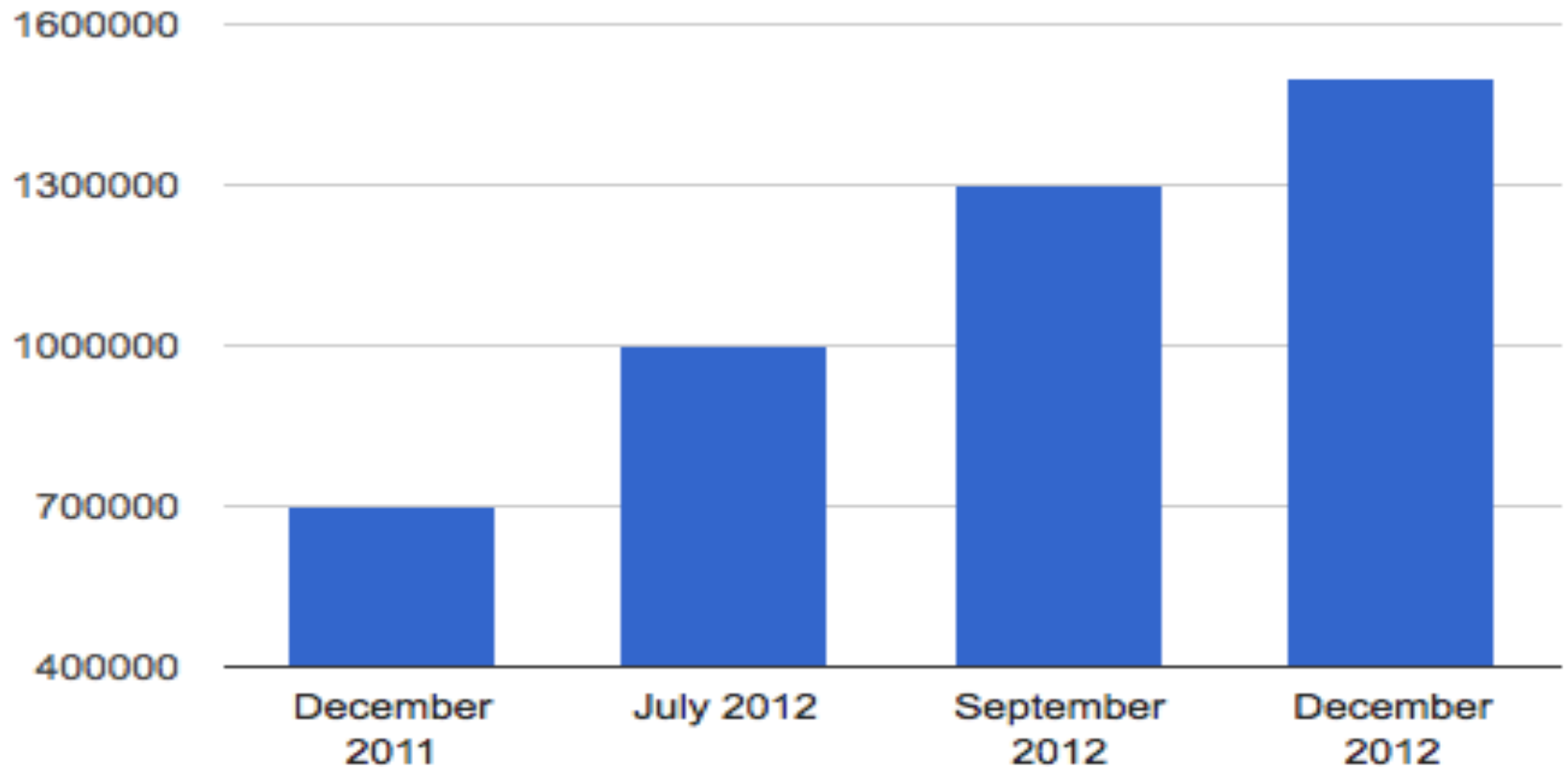
Stats - Market Share

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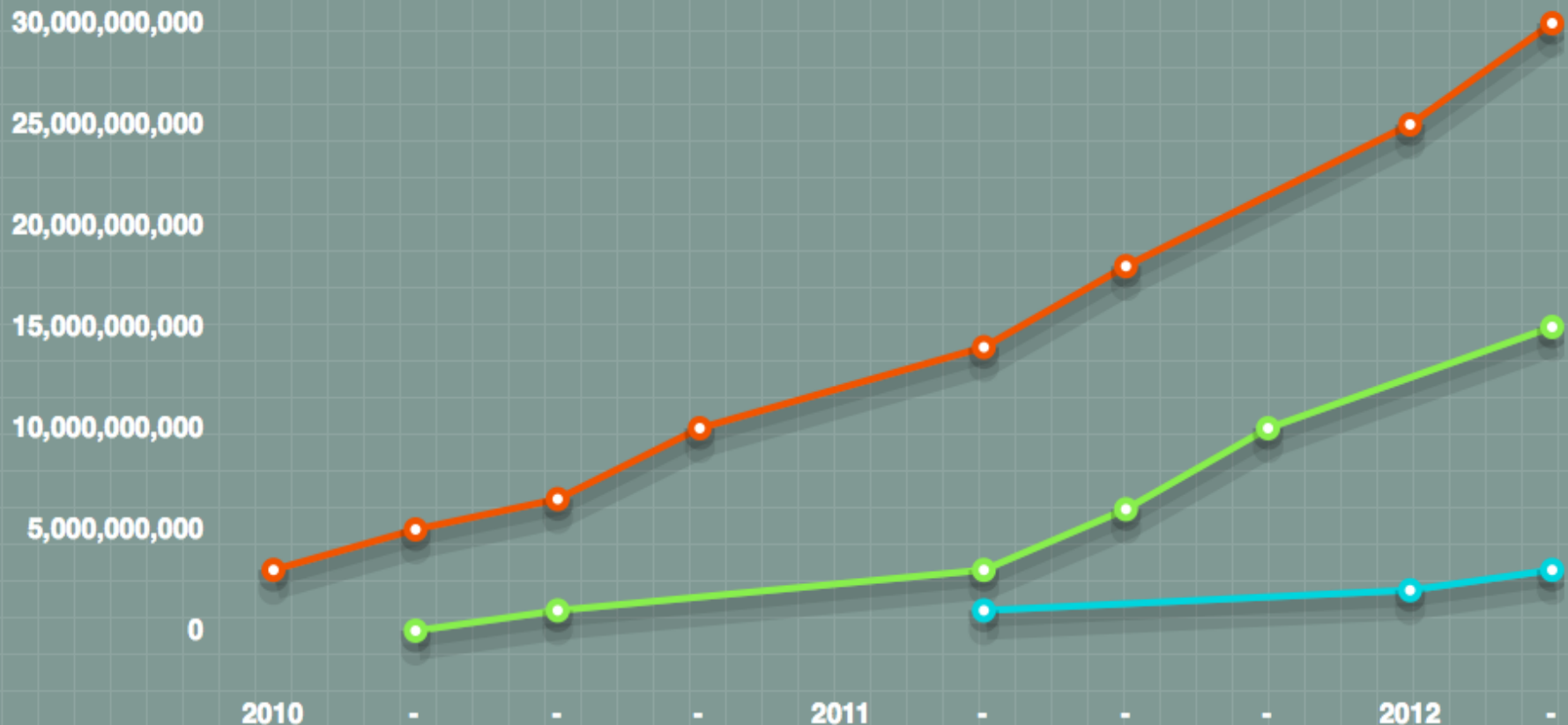


Stats - Activated Devices Daily

Android Devices



Stats - Apps Downloads



Android



Apple



Blackberry

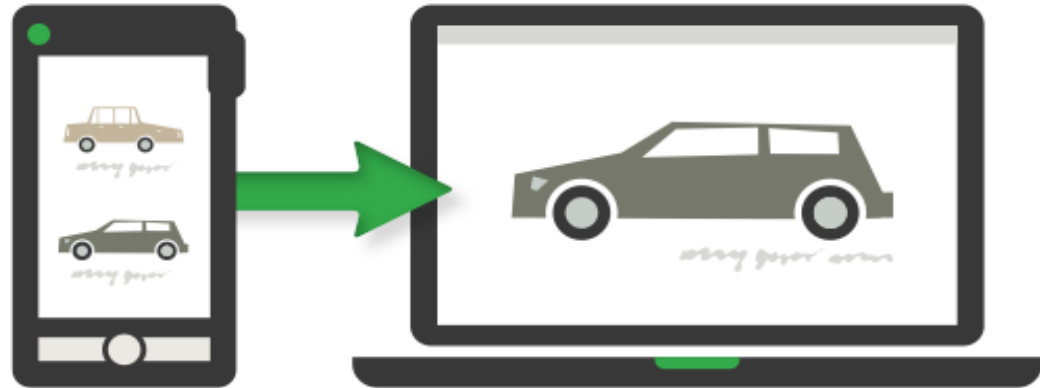


Win Pho 7

Stats - Multi Screen

Sequential Usage

Moving from one device to another at different times to accomplish a task

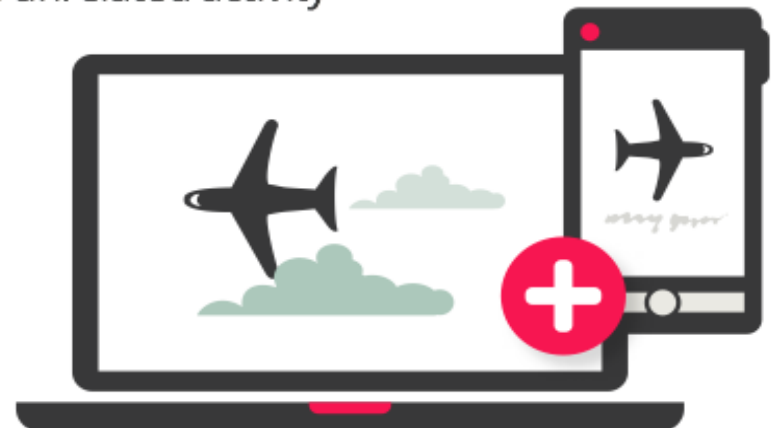


Simultaneous Usage

Using more than one device at the same time for either a related or an unrelated activity



Multi-tasking - Unrelated activity



Complementary Usage - Related activity

Stats - Multi Screen

Started on
smartphone

65%

63%

65%

47%

59%

66%

56%



Searching
for Info



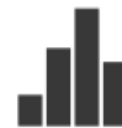
Browsing
the Internet



Shopping
Online



Planning
a Trip



Managing
Finances



Social
Networking



Watching an
Online Video

Continued
on a PC

60%

58%

61%

45%

56%

58%

48%

Continued
on a tablet

4%

5%

4%

3%

3%

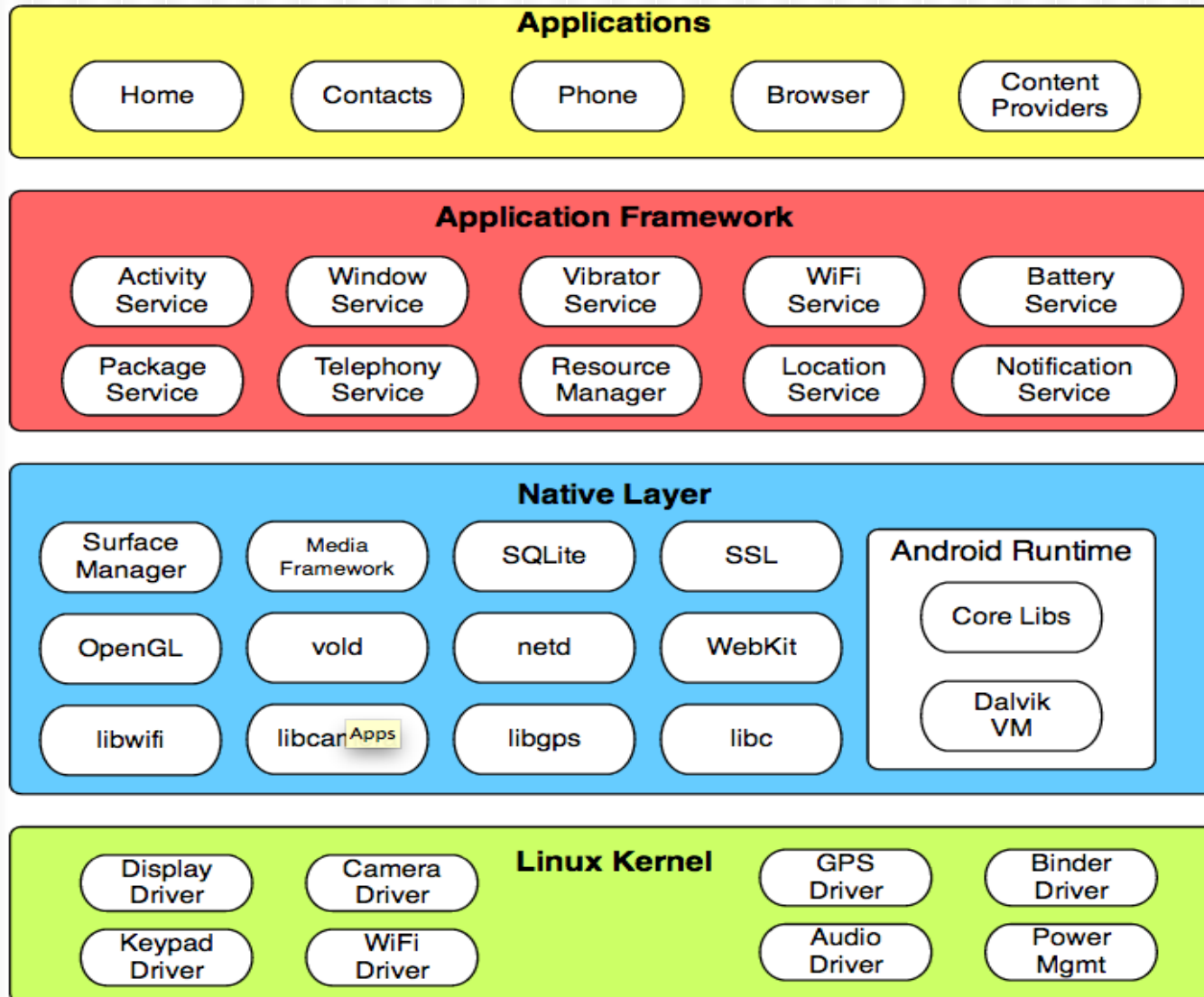
8%

8%

Android - Why?

- Free: [Apache license](#)
- Open source: More minds into it
- Customizable Interface: Not only apps
- Multi tasking: Background threads
- Secure: Based on linux
- Actively developed: By Google and Open Handset Alliance

Android - Stack



Use cases - Phones/Tablets



Use cases - Phone as Console

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Use cases - Game consoles

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Use cases - Mini PC

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Use cases - Camera

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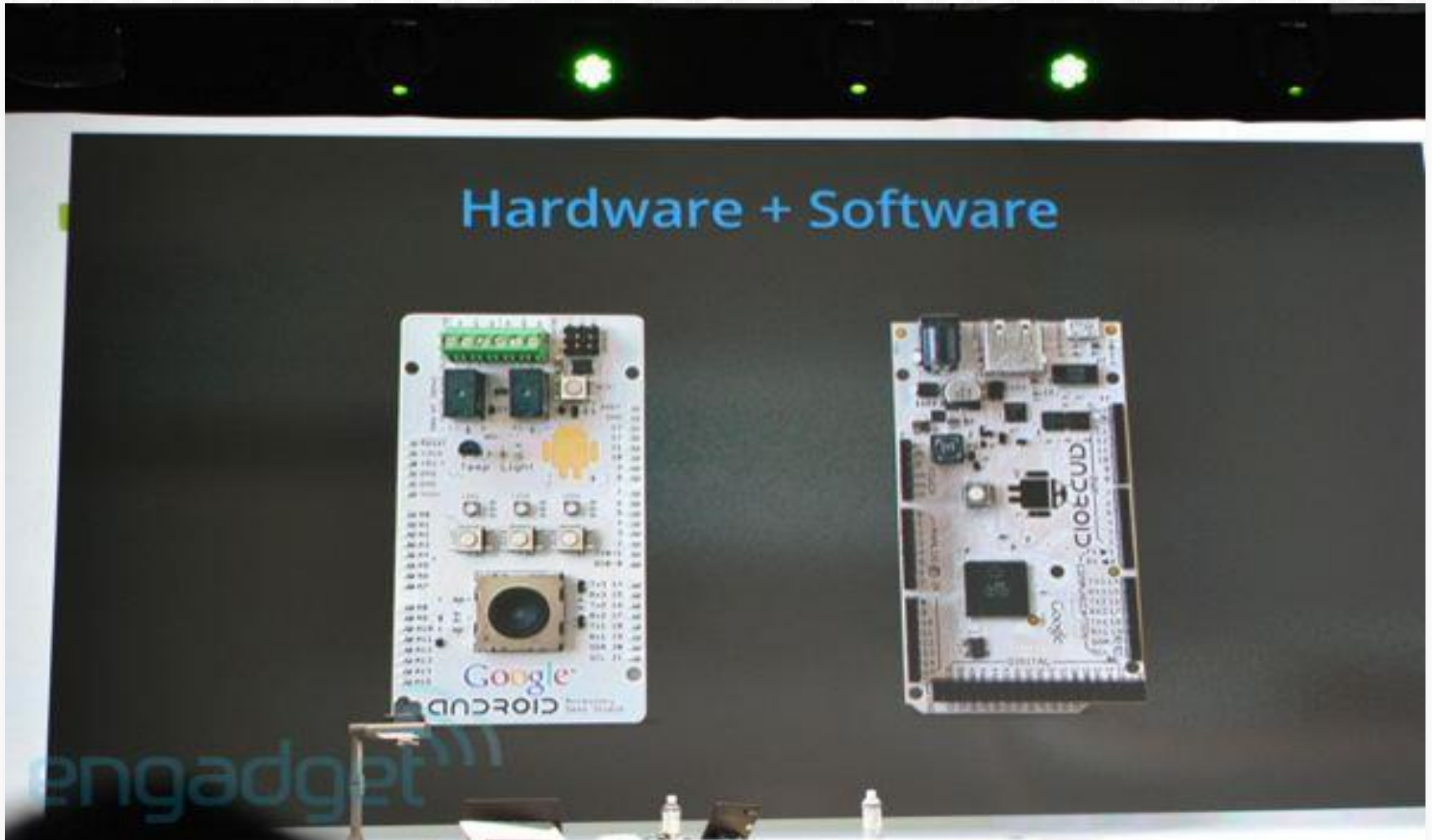
Use cases - Embedded

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Use cases - Arduino

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System

The Future



- Embedded Systems
- ???

The Future - You

- Future is Mobile
- Future is Embedded Systems
- Leave apart Web/Desktop
- Focus on the future

References

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- [Wikipedia](#)
- [Android Developers](#)
- [Android.com](#)

Presentation is available at [github](#)

