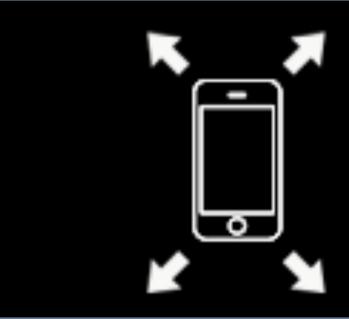
Audiovisual Interaction w/ oF & iOS





Week 1 / 8: Intro to iOS & openFrameworks

Tuesday Jan 31, 2012

Parag K Mital | http://pkmital.com

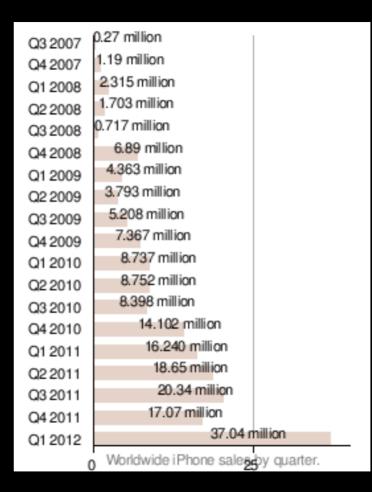


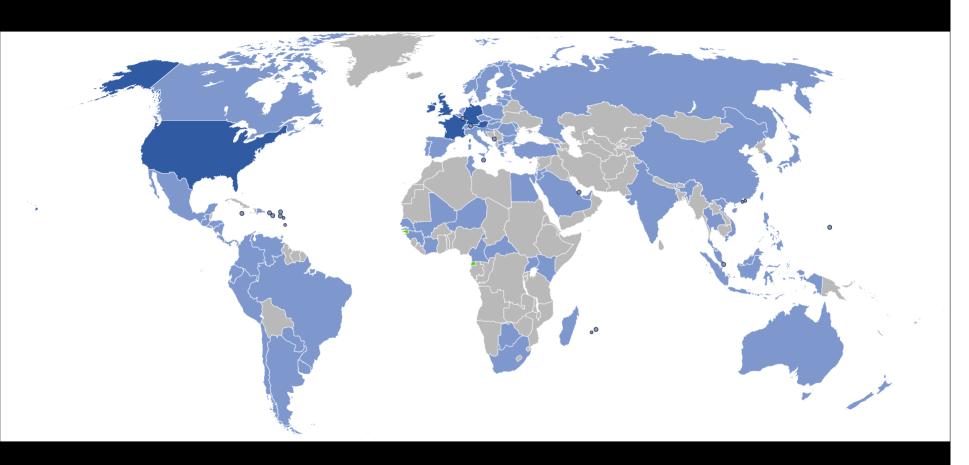
Snow Leopard + Xcode 3.2.6 OR Lion + Xcode 4.2.1

iPhone

1. it is a ubiquitous device



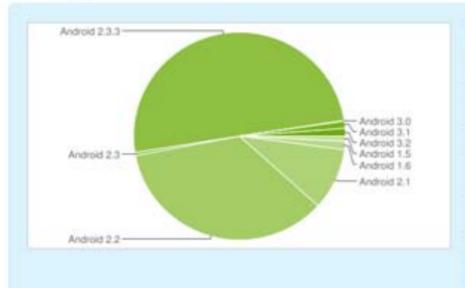




2. the OS and hardware are unified

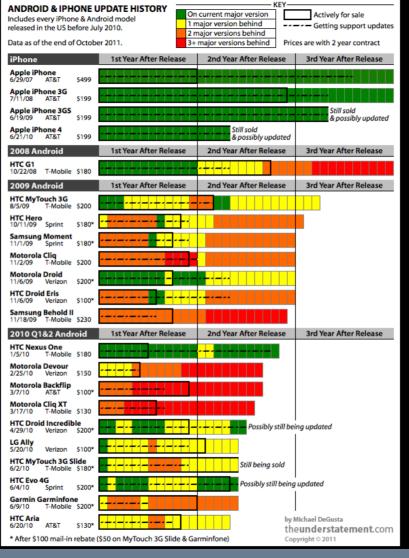
Current Distribution

The following pie chart and table is based on the number of Android devices that have accessed Android Market within a 14-day period ending on the data collection date noted below.



Platform	Codename	API Level	Distribution
Android 1.5	Cupcake	3	0.8%
Android 1.6	Donut	4	1.3%
Android 2.1	Eclair	7	9.6%
Android 2.2	Froyo	8	35.3%
Android 2.3 - Android 2.3.2	Gingerbread	9	0.5%
Android 2.3.3 - Android 2.3.7		10	50.1%
Android 3.0	Honeycomb	11	0.1%
Android 3.1		12	1.1%
Android 3.2		13	1.2%

Data collected during a 14-day period ending on December 1, 2011



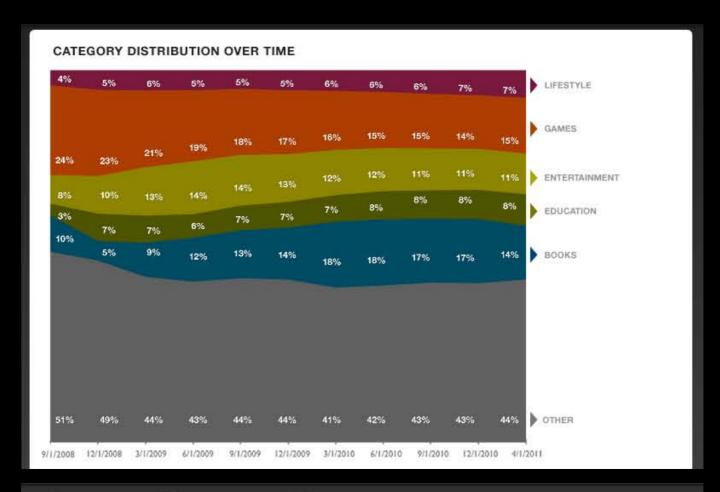
3. it's a tiny mobile computer

- 3.5" capacitive multi-touch touchscreen, 360×480 px at 6.3 px/mm, 160 ppi, HVGA
- Proximity sensor and ambient light sensor
- 3 axis accellerometer (SDK)
- Assisted GPS (SDK)
- 2/3.2 Mpx digital camera
- PowerVR MBX 3D Graphics Accelerator (new version of old dreamcast hardware)
- Faster, more powerful and more memory than both PSP and nintendo DS
- 3g and/or WiFi internet access
- Bluetooth communication
- And it's a phone.....isn't it?
- Original iPhone, iTouch and iPhone 3G OpenGLES 1.1
- iPhone 3GS, iPhone 4 and new iTouch OpenGLES 2

4. apps

29%

511.99 \$12.99 \$13.99 \$14.99 and more

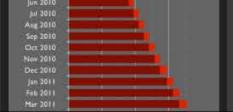








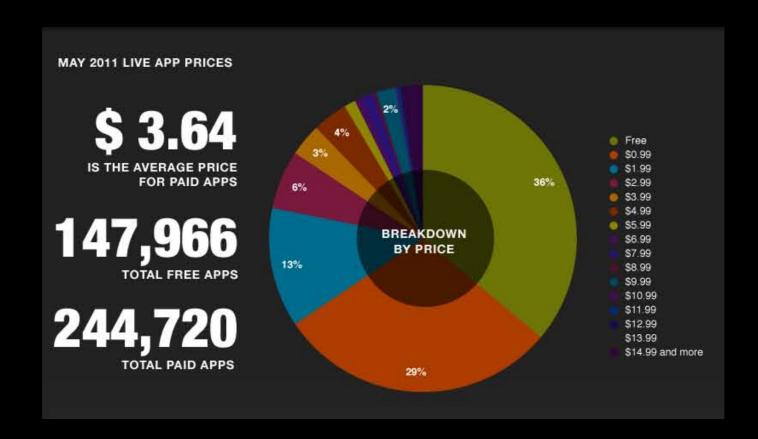
facebook.com/500kapps



VALUE OF ALL LIVE APPS

4.6

AVEDAGE NUMBED OF ADDS DED DEVELOPED



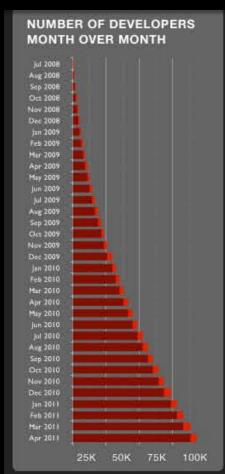






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PRICE, CATEGORIES AND DEVELOPERS





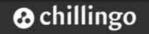
\$ 891,982.24

4.6

AVERAGE NUMBER OF APPS PER DEVELOPER

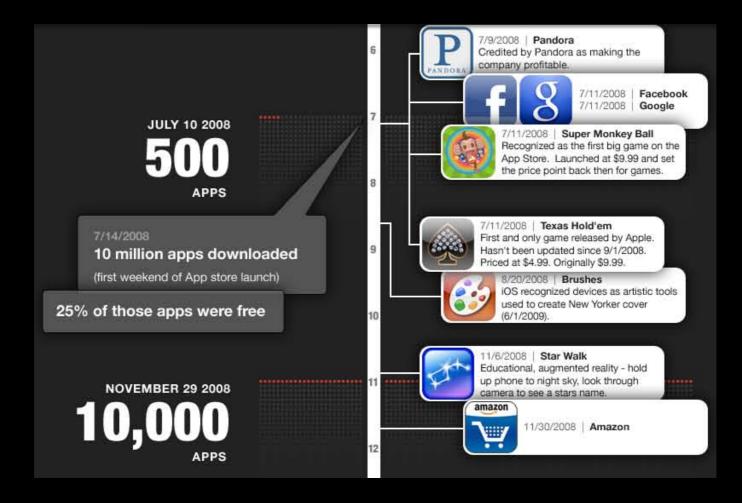






App Store Launches



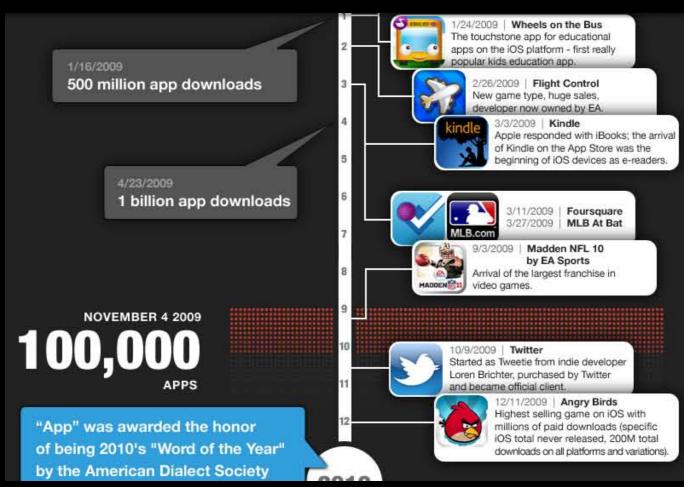




















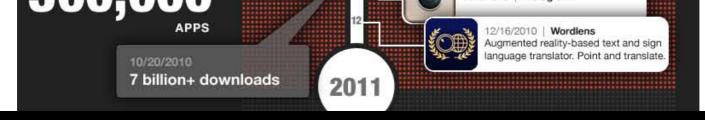








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JANUARY 22 2011 350,000

10 billion+ downloads

2/2/2011 | The Daily With huge investment by News Corp., The Daily is the first professionally DAILY produced daily newspaper like app for the iOS platform. 3/10/2011 | Garageband Released with the iPad 2, universally heralded as a fantastic music creation app. 3/23/2011 | Color Seen as a well-funded flop. Released to great fanfare, but no one could understand how to use it. 4/20/2011 | Real Racing 2 HD First iOS game to output full 1080p HD with iPad 2 connected to a capable TV.

PROJECTIONS

PROJECTED: JANUARY 18 2010

4.5 billion

apps sold in 2010, \$6.8 billion in revenue

21.6 billion

apps sold in 2013, \$29.5 billion in revenue

PROJECTED: JANUARY 27 2011

apps sold in 2011 for all tablets & phones 17.7 billion app downloads with 190% revenue increase over 2010

Source: Gartner







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Xcode

openFrameworks