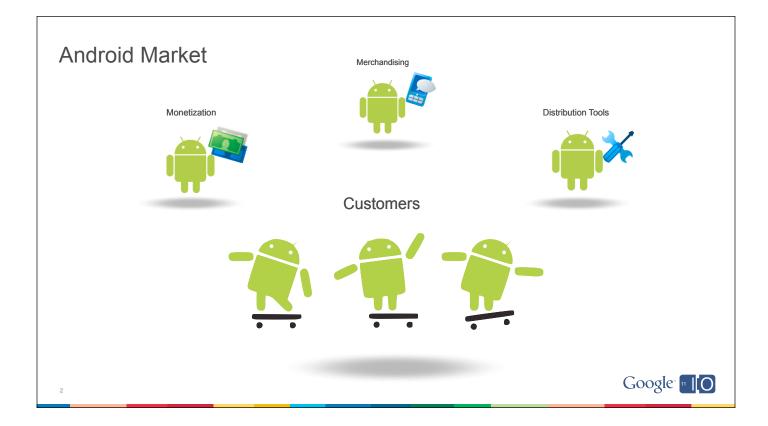
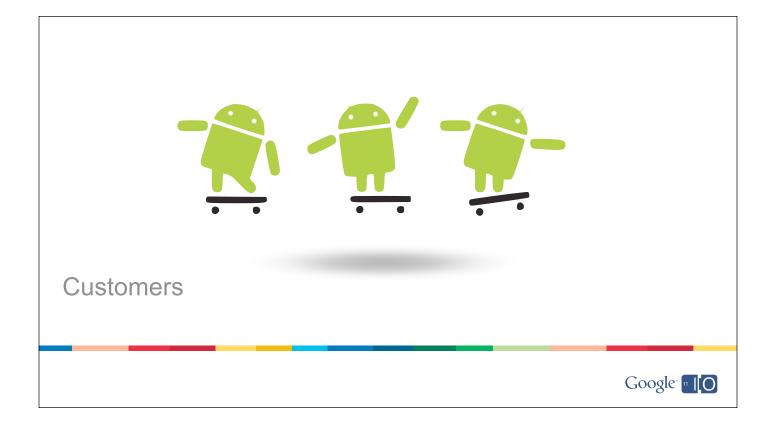
Android Market For Developers

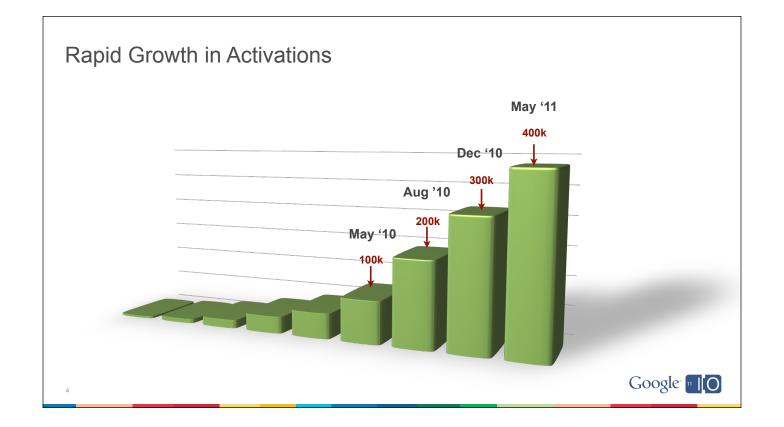
Eric Chu (Android Developer Ecosystem) 2011.5.11

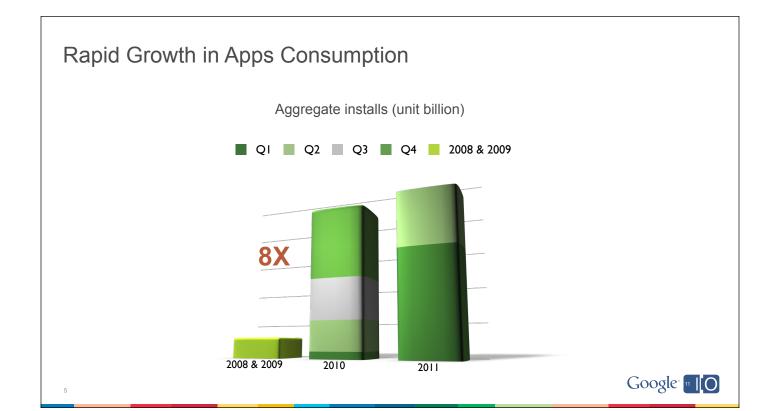


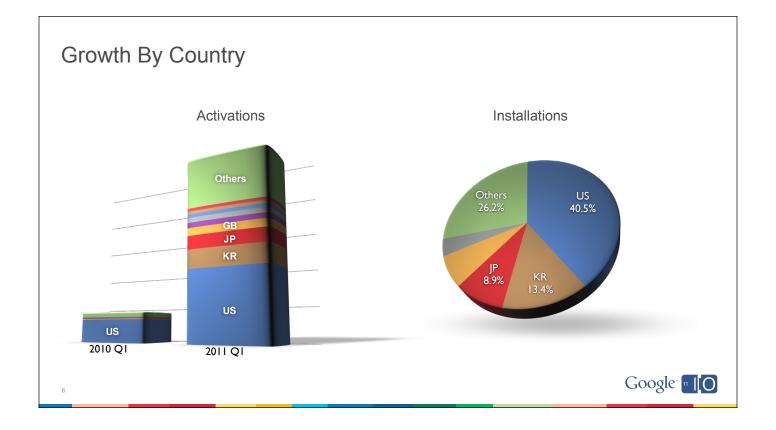


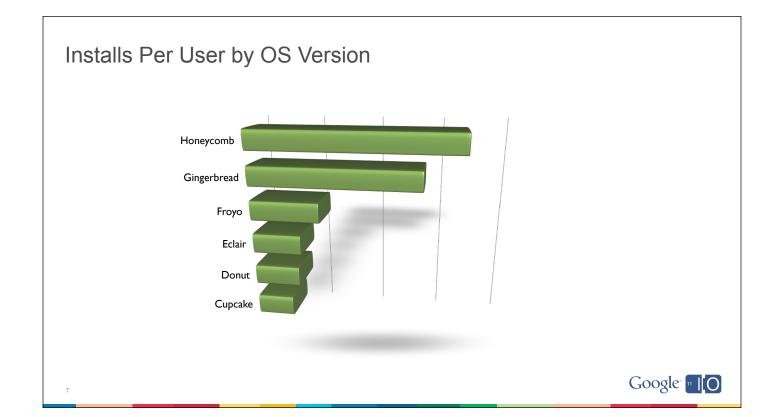
This even holds true for a game that uses 3D graphics...







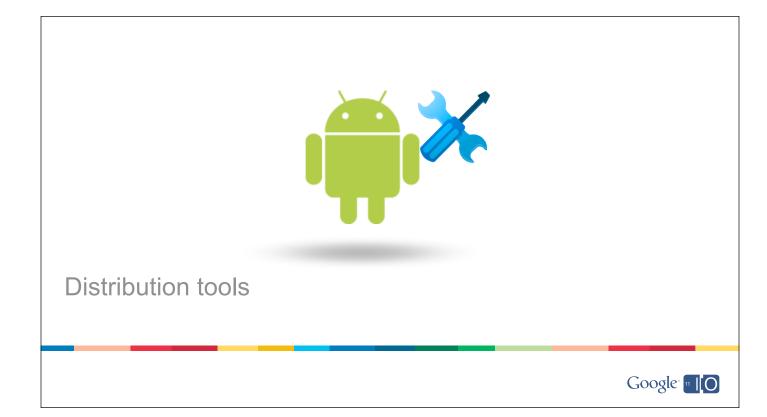




How do the Categories Stack Up?

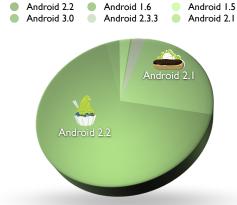
	Overall		
<u></u>	Products	Recent Installs	
Highest	Entertainment Games Tools Books & Reference This	Games Entertainment Tools Media and Video Travel and Local Transportation Business Medical	





Too Many Platform Versions?

Devices accessing Android Market, last 30 days



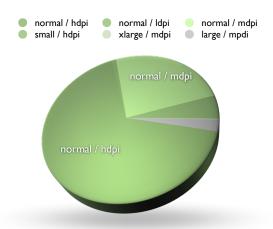
- Android 2.1, 2.2, & 2.3 represent 94+%
- Industry commitments to upgrade devices for 18 months
- Single binary can
 - Run across multiple OS versions
 - Use newest APIs and maintain support for older versions

Google IIO

Too Many Screen Sizes?

Devices accessing Android Market, last 7 days

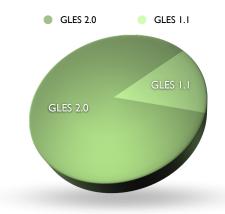
- Two sizes represents 93% of the volume
- Apps can support multiple screen sizes with
 - A single binary and resource
 - A single binary and multiple resource bundles



Google IIO

3D Graphics?

Devices accessing Android Market, last 7 days



- 90+% of devices support OpenGL ES 2.0
- Apps can supply code or resources for both versions in a single APK

Google O

One Binary: Pulse News

- Platform versions:
 - Android 1.5 and higher
- Screen sizes and densities:
 - Small, normal, large, extra large
 - Low, medium, high
- Device profiles:
 - Phone and tablet
 - 99% of devices..





One Binary: Angry Birds Rio

- Platform versions:
 - Android 1.6 and higher
- Screen sizes and densities:
 - Small, normal, large
 - Low, medium, high
- Device profiles:
 - Phone and tablet
 - 97% of devices







Here's Angry Birds, a game that uses 2D graphics. They deliver a great game to 99% of devices using a single .apk.

One Binary: Gun Bros

- Platform versions:
 - Android 2.0 and higher
- Screen sizes and densities:
 - Normal, large, extra large
 - Medium, high
- Device profiles:
 - Phone and tablet
 - 94% of devices



Google[®] TO

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This even holds true for a game that uses 3D graphics...

Designed for Flexibility

- Single APK for wide distribution
 - Worldwide installed base
 - Broad range of hardware capabilities
 - Support newest APIs & maintain support for older versions
- Multiple APKs for different markets or device capabilities

Google IIO

Distribution Flexibility

- Business targeting
 - Countries
 - Carriers
- Capabilities targeting
- Platform version
- Screen size and density
- OpenGL ES version
- Hardware and software features
- GL texture-compression format
- ABI

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2-slide build

Device Availability

- Based on Application's manifest
- Show all supported devices
- Published or draft apps
- Option to exclude specific devices if needed
- Available starting today....





2-slide build

Multiple APK Support

- Multiple custom APKs for specific segments
 - Platform versions
 - Screen sizes & densities
 - Texture compression formats
- Available as one product listing
- Market delivers the appropriate apk
- · User ratings, comments, and billing are aggregated
- Available in June



2-slide build

Support for Large Apps

- Support up to 4 GB
- Publish code & large assets in separate archive
- 50MB app package + Up to two 2GB archives
- Android Market hosting
- Market manages download & install of archives
- Available in June





2-slide build

AdMob Integration

- Streamlined access to the biggest mobile ad network
- One-click entry to AdMob campaign setup from Developer Console
- Quickly build campaign for audience profiles significant to your products
- No impact on APK
- Available starting yesterday...

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2-slide build

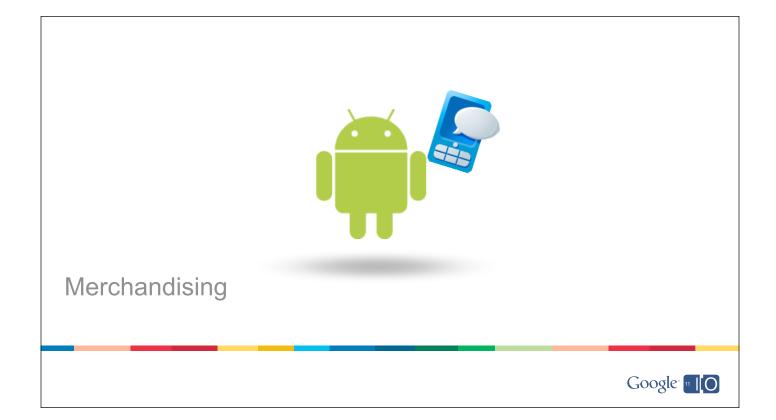
Application Statistics and Sales Reporting

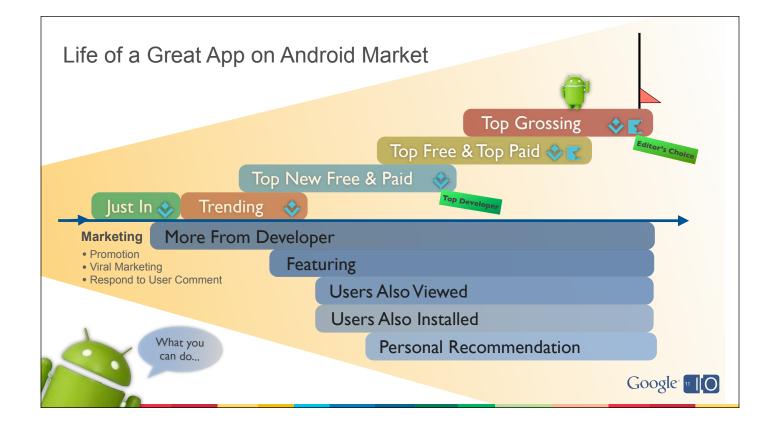
- Comprehensive view of app's performance
- Details include
- Country, language, Screen size, OS version
- Per-app stats and comparison against all apps in the same category
- Monthly sales reporting
 - Downloadable spreadsheet each month
 - Detailed transaction record
 - App purchase and in-app payments
 - Payout in developer currency
 - Reports available for sales from Jan 2010





2-slide build

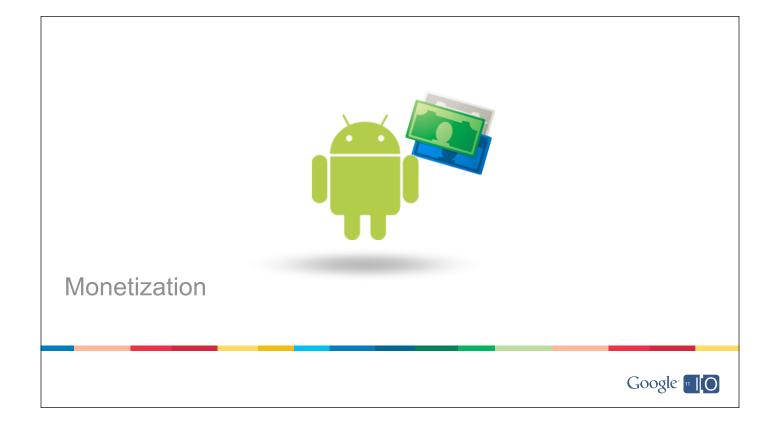


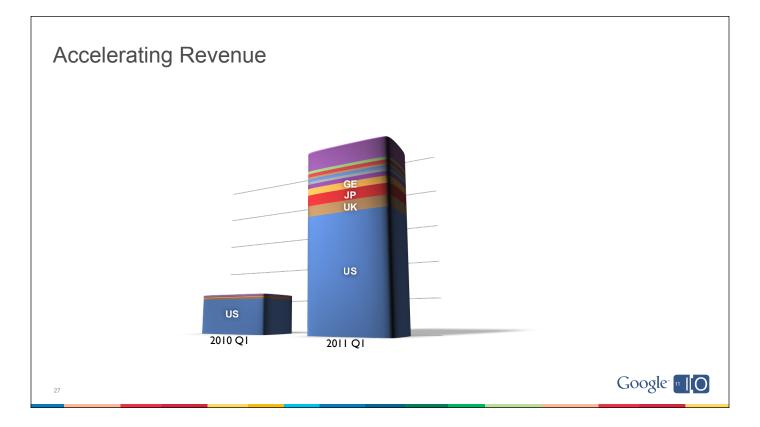


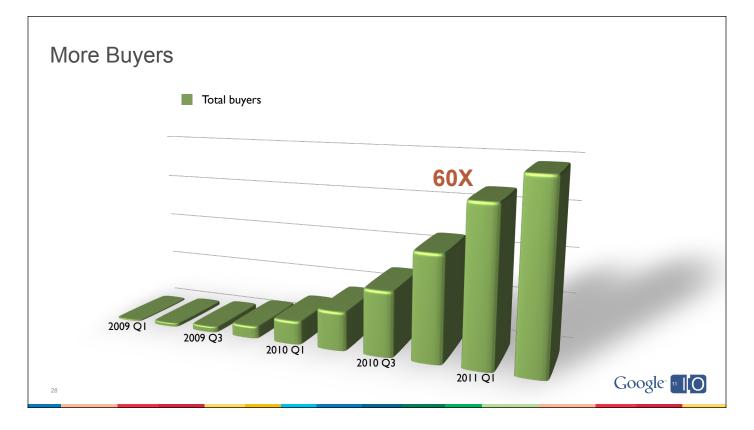
Merchandising on Android Market

- More real estate
 - top lists,
 - cross-selling lists
 - recommendations
- Fresher, more relevant lists
- Advertising integration
- Recognition of great apps and developers
 - Editor's Choice
 - Top Developer

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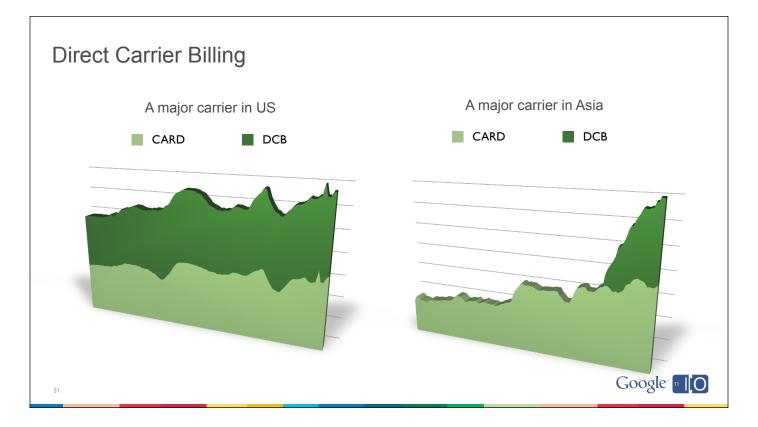




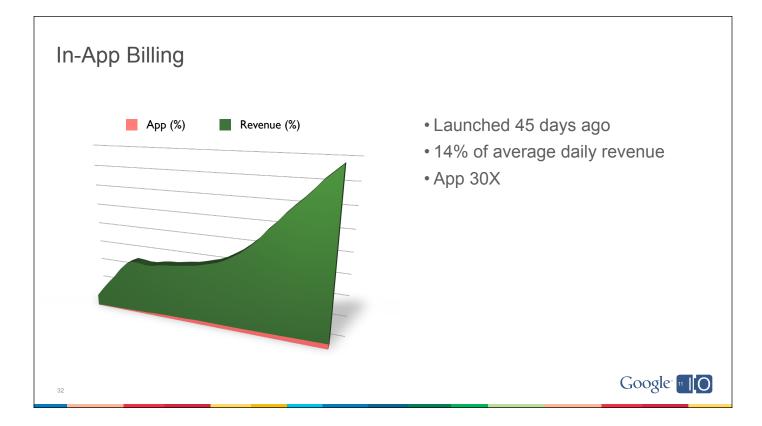




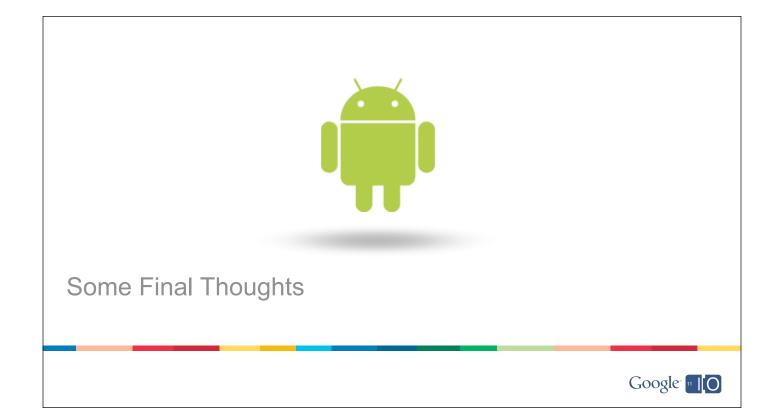




 This is an example of daily app purchases for a major Japanese carrier



 This is an example of daily app purchases for a major Japanese carrier



Drive Traffic to Your App in Android Market

Cross promotions	Advertising	Affiliates	Viral Marketing
 On your own website; Link to Market and/or Barcode From within your apps via deep-links back into Market 	 Ad network campaigns Send to phone via email, text, or barcode 	Let other apps prompt installation of your app	 Make it easy to share your app YouTube, blogosphere, tweets, and so on



Pricing: Free versus Paid

Free Significantly more impressions and installations of free vs. paid apps Freemium model is very popular in Android Market Free plus IAB is a strong revenue generator Free with ads Affiliate models Price it right, relative to your category Test price sensitivity and elasticity In-app payment

Google" 11 O

Ways to Improve Ranking

Pre-launch:	Post-launch:	Don't
Build a great app Utilize platform features and navigation Optimize for supported screen sizes Build for broad distribution Target as needed Price relative to your category and region Explain required permissions Make it easy to rate and comment	 Market your product Price promotions Cross-promote Advertise Affiliates Monitor user feedback, error reports Respond to user comments Provide timely, useful updates 	 Launch prematurely Require excessive permissions Spam users Overprice relative to category



