

# The Pursuit of Happyness

iOS vs. Android

noomy

2 Building Debug ACC [dev]: Rooomy | Compiling Swift source files



application(\_:didFinishLaunchingWithOptions:)

Command /Applications/Xcode.app/Contents/Developer/Toolchains/XcodeDefault.xctoolchain/usr/bin/swiftc failed with exit code 1

! Command /Applications/Xcode.app/Contents/Developer/Toolchains/XcodeDefault.xctoolchain/usr/bin/swiftc failed with exit code 1

[less](#)



Activity Log Complete 9/17/14, 7:30 AM

1 error



**Failed to code sign "MovieDB".**

No valid signing identities (i.e. certificate and private key pair) were found.

Xcode can attempt to fix this issue. This will reset your code signing and provisioning settings to recommended values and resolve issues with signing identities and provisioning profiles.

Cancel

Fix Issue

# Overview

- Myths
- Tools
- Layout

# Fragmentation

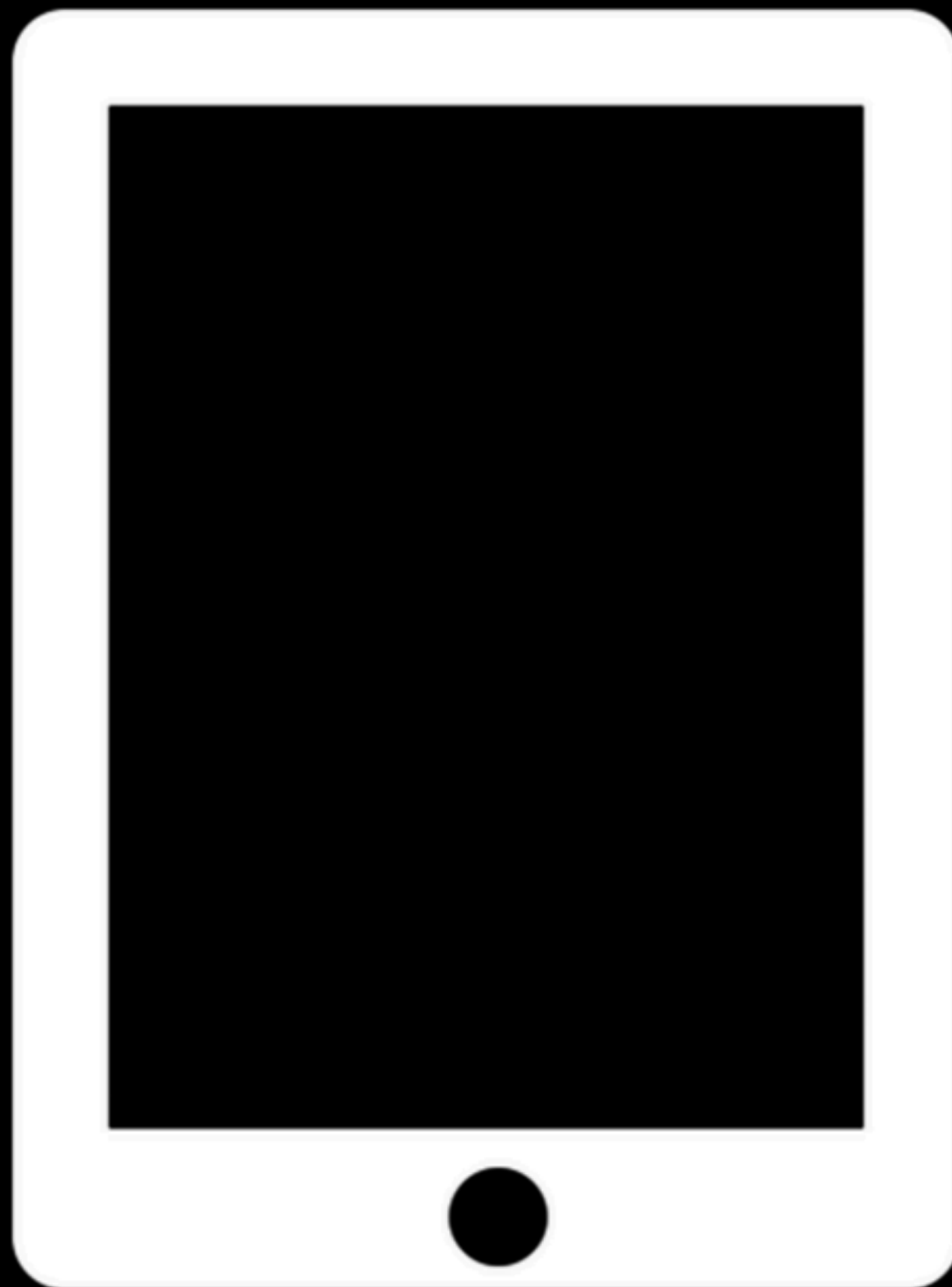
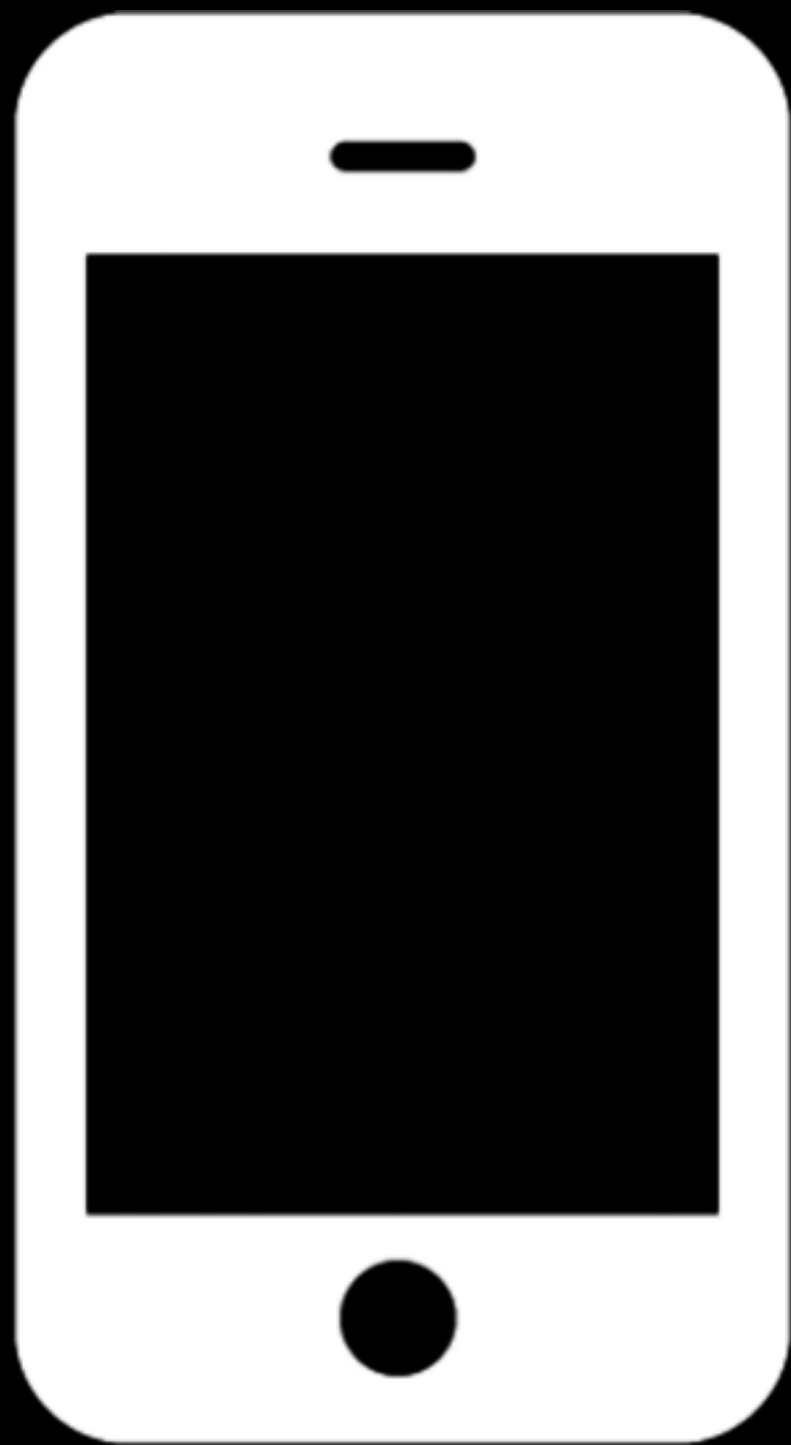


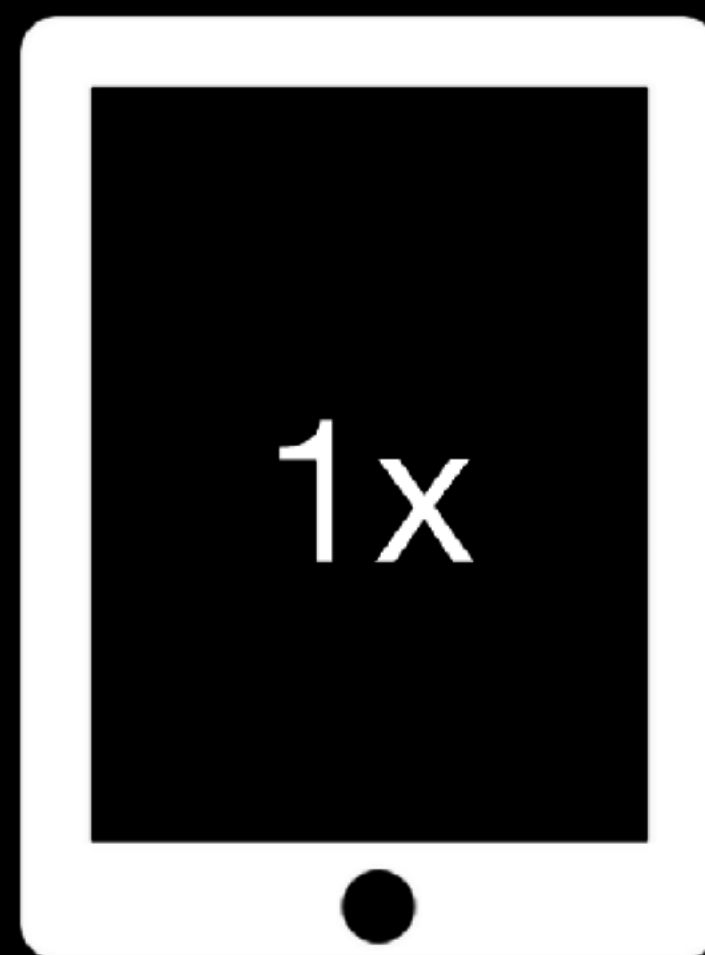
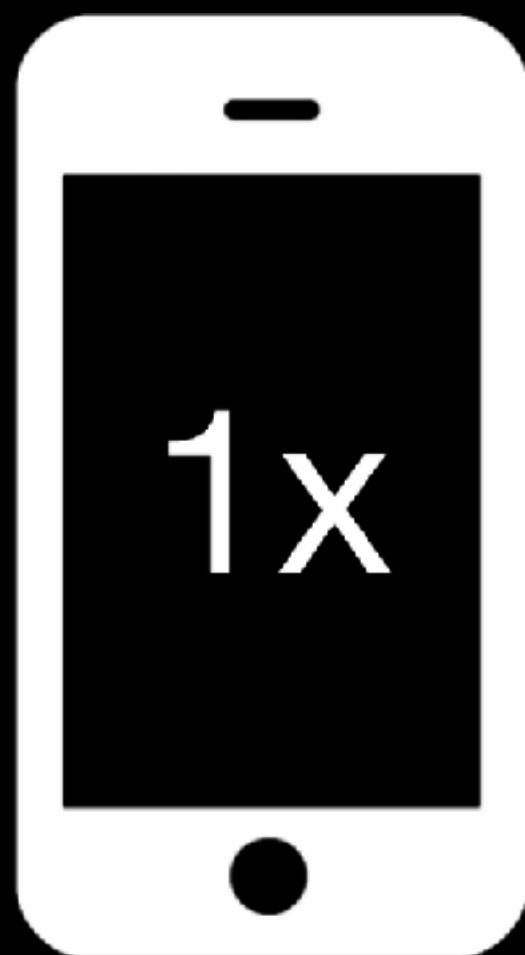
# iOS vs Android Adoption Rate

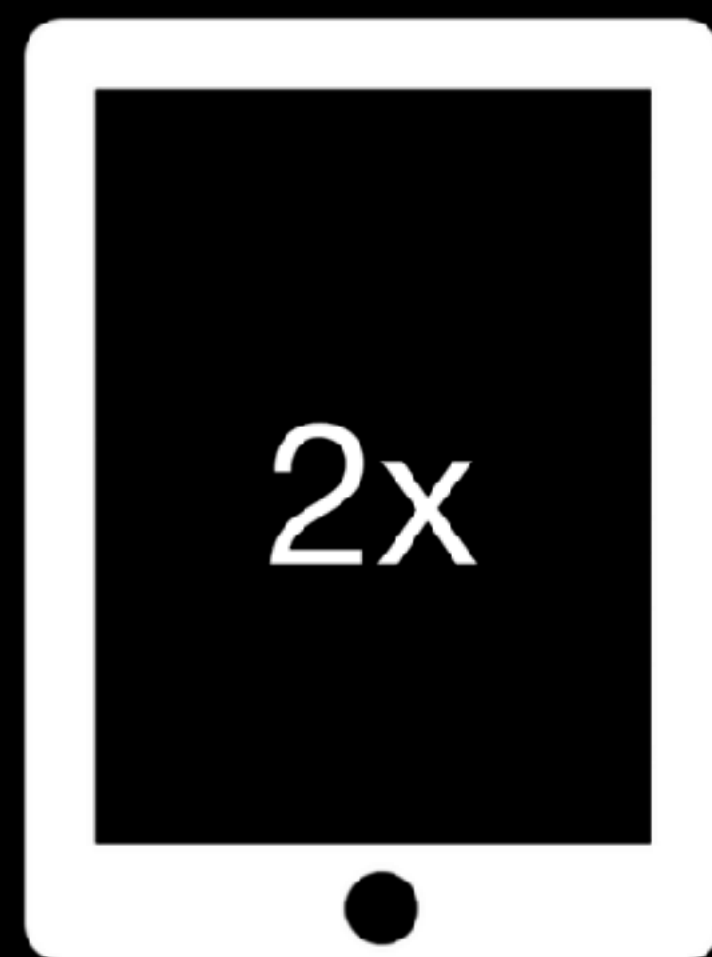
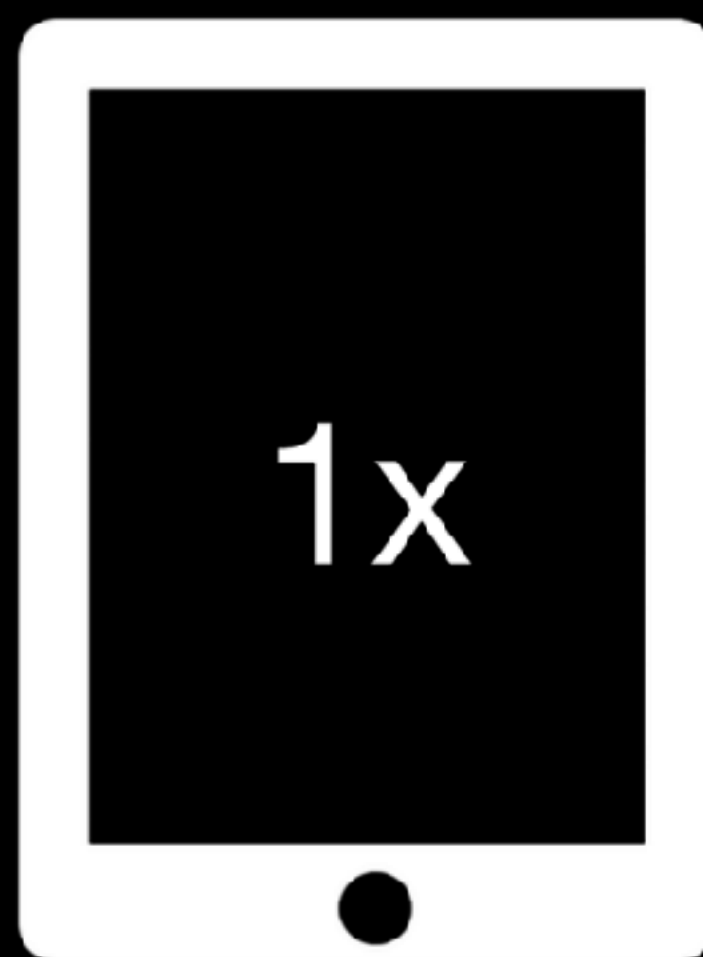
from (every) Apple's Keynote

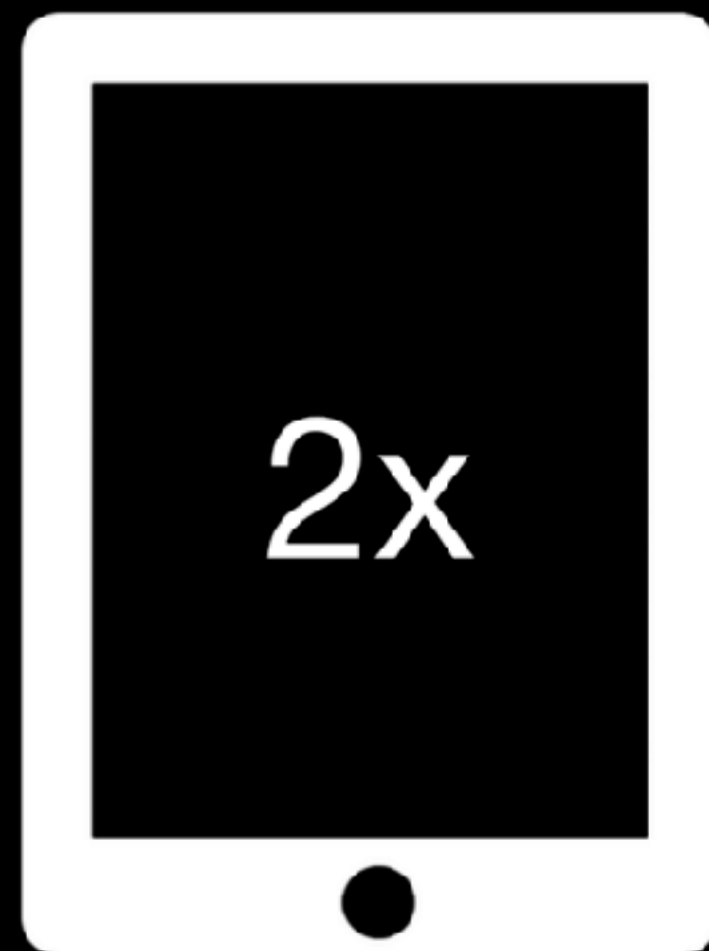
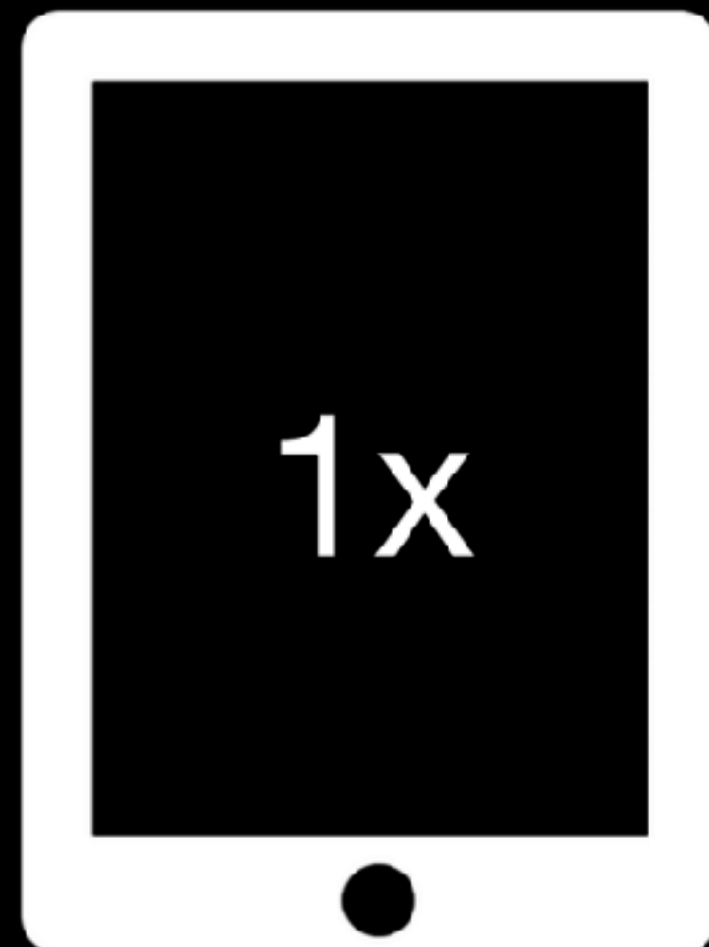


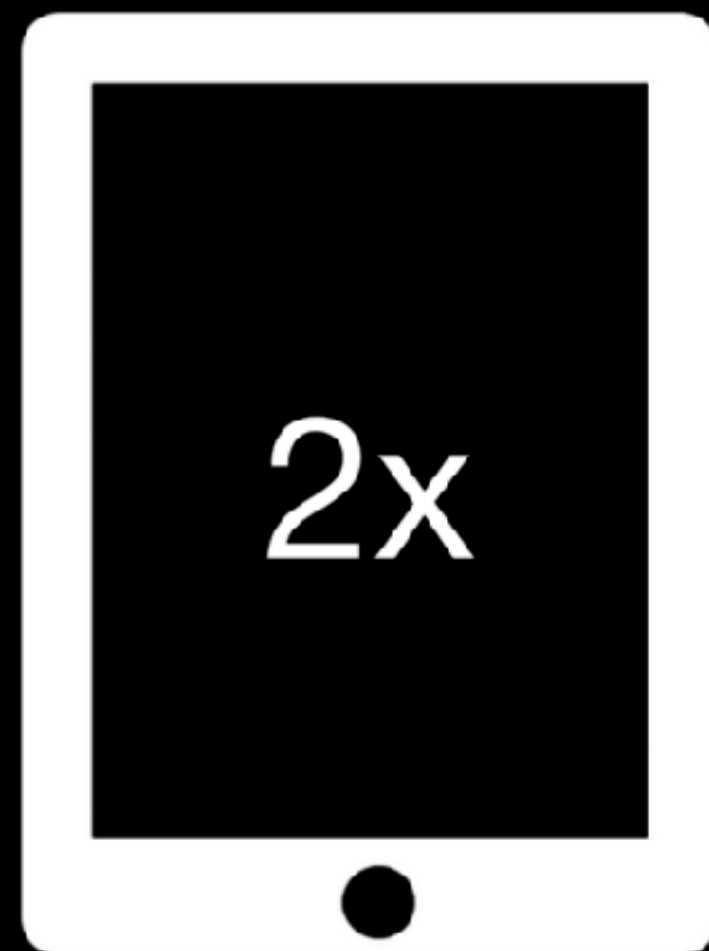
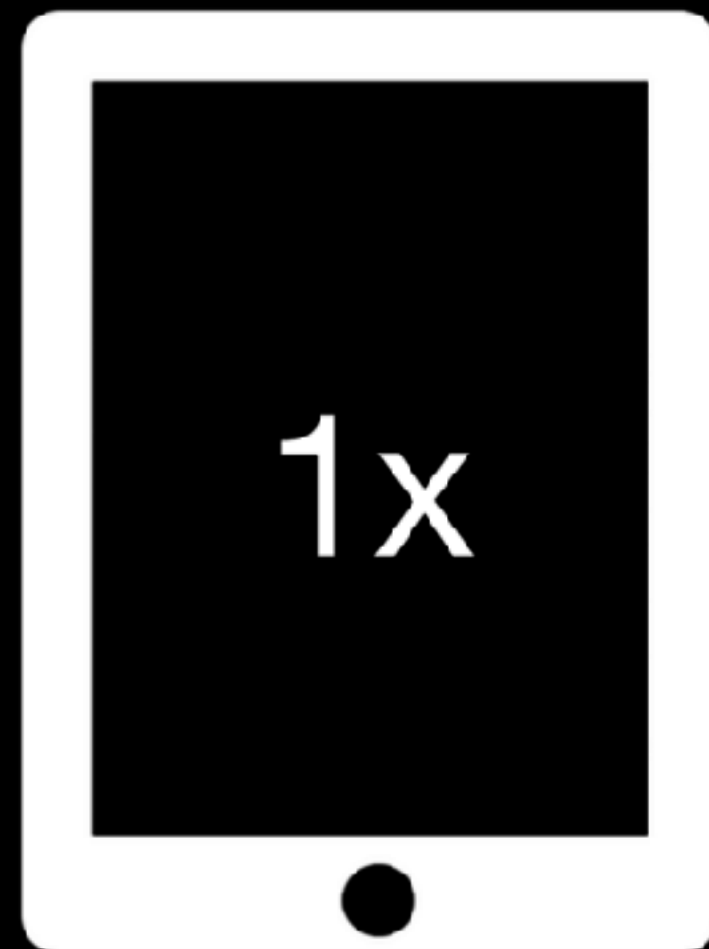
# Google Support Library

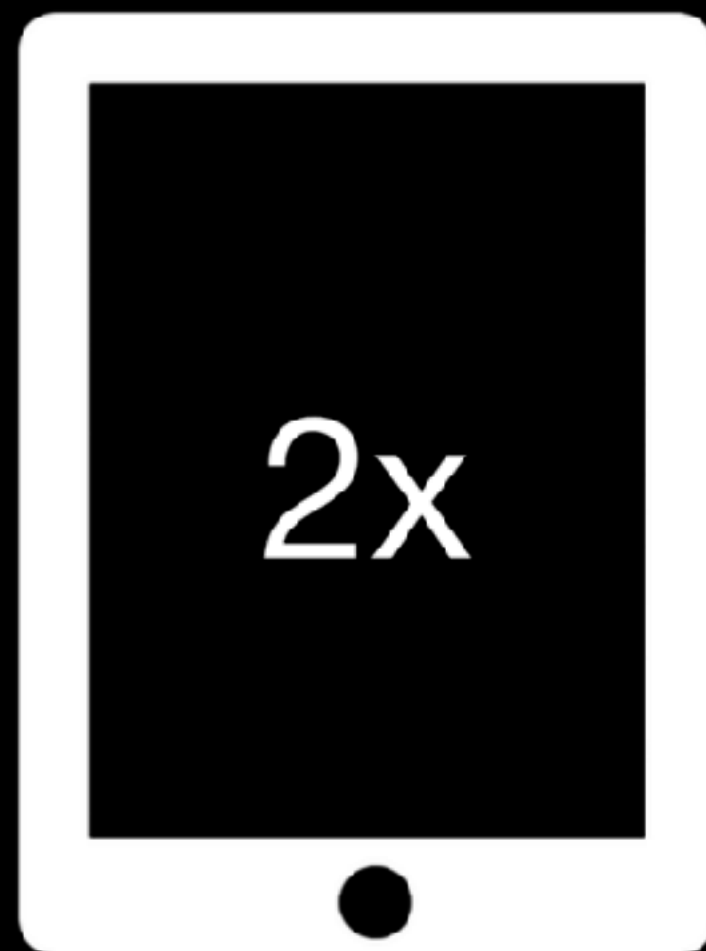
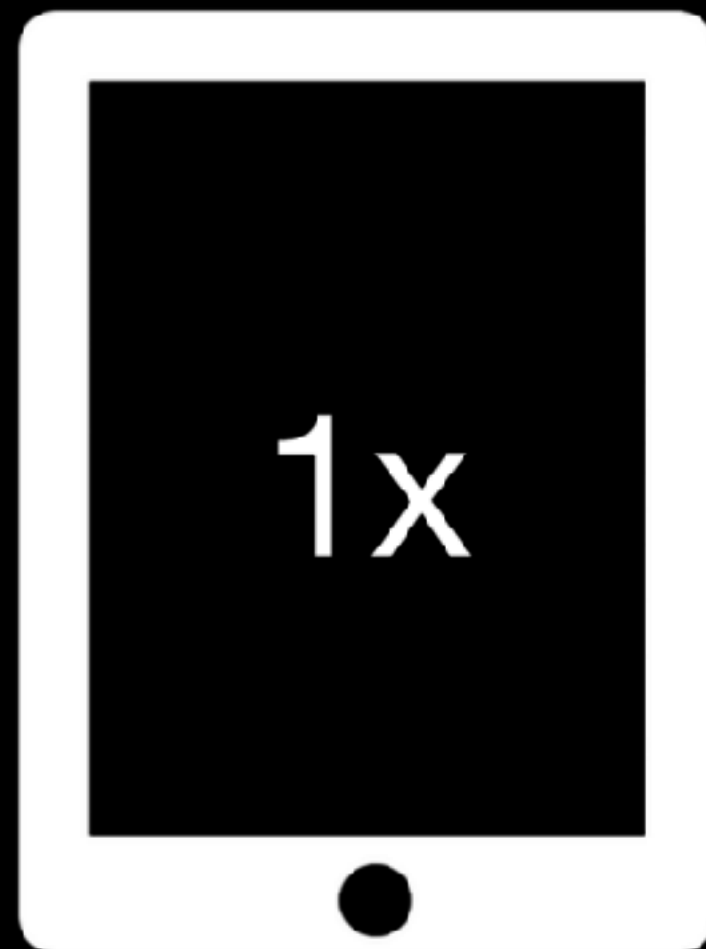


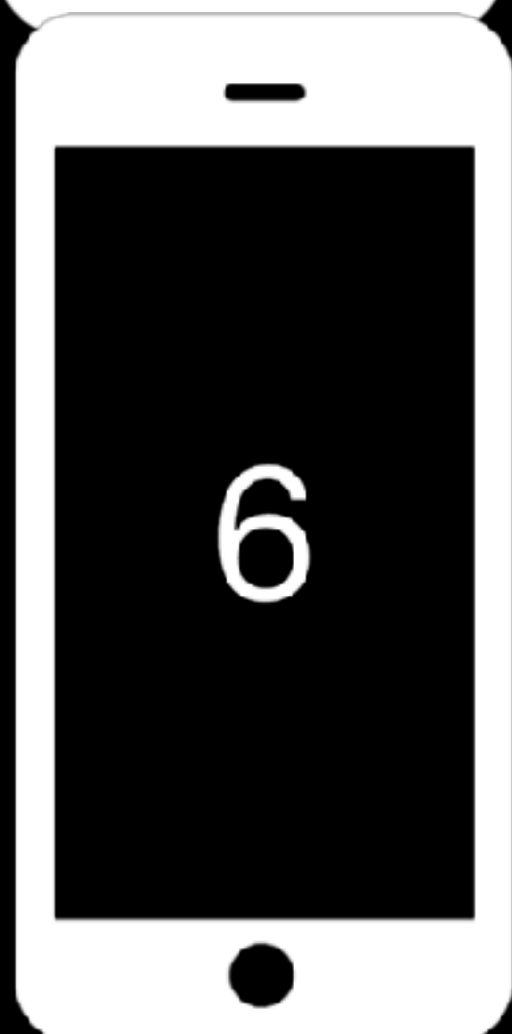
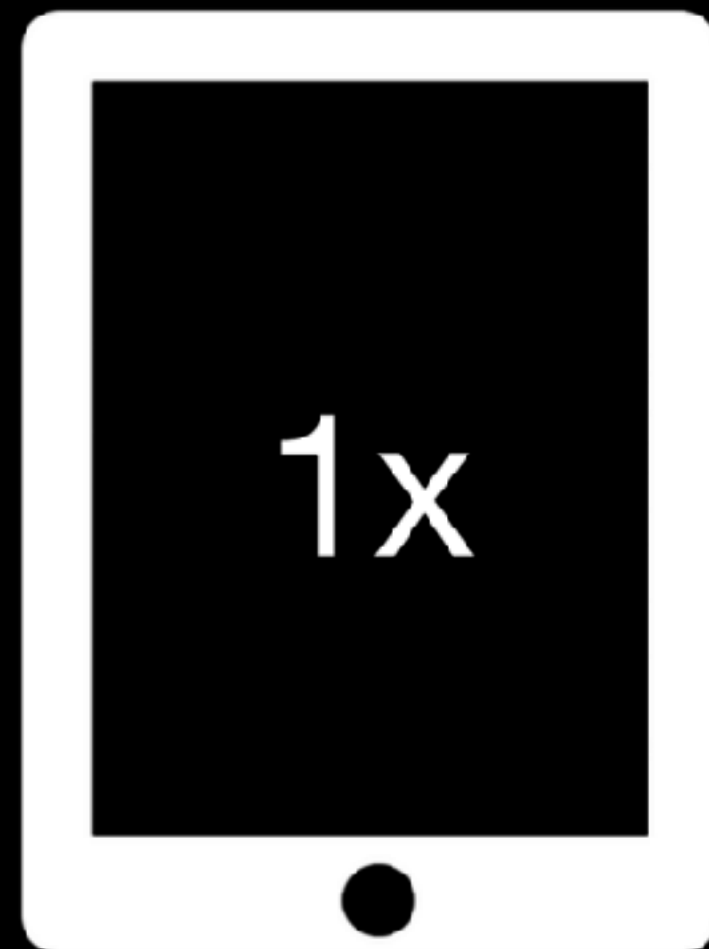
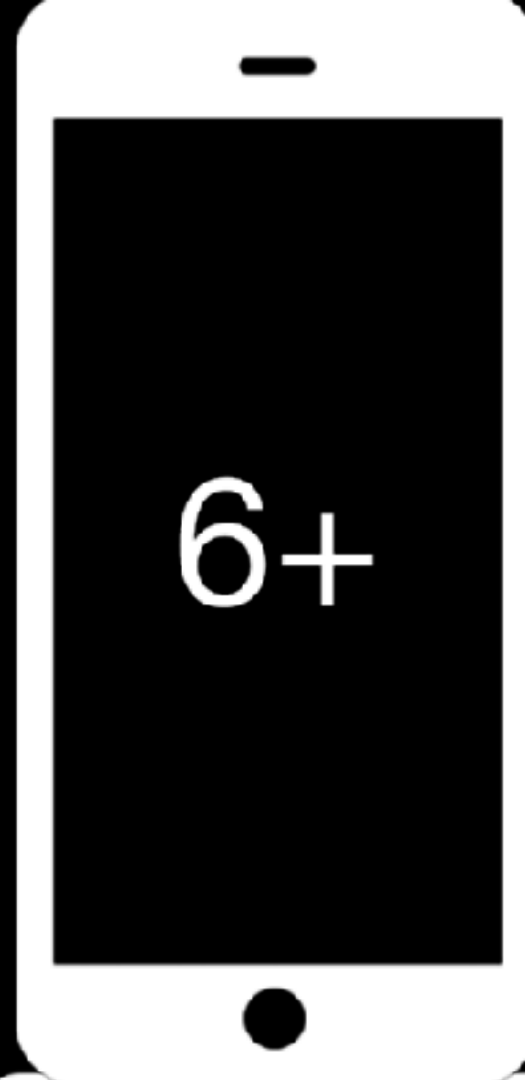
















5



6+



Pro



1x



64  
bit



6



64 bit



2x

- iPad 4
- iPad Air (64 bit)
- iPad Pro (12,9")
- iPhone 5
- iPhone 5s(64 bit)
- iPhone 7
- iPhone 7 Plus

- iPad 2
- iPad 4
- iPad Air (64 bit)
- iPad Pro (12,9")
- iPhone 4s
- iPhone 5
- iPhone 5s(64 bit)
- iPhone 6
- iPhone 6 Plus

Tools

- Xcode
- Xcode
- Xcode
- AppCode

# Build Tools

- Gradle
- Ant

# IDE

- Android Studio (built by IntelliJ)
- Eclipse



## No code signing identities found

No valid signing identities (i.e. certificate and private key pair) were found.

Fix Issue

iOS Distribution	❗ Expired
iOS Distribution	❗ Expired
iOS Distribution	❗ Expired
iOS Distribution	❗ Expired
iOS Distribution	❗ Expired



fastlane

```
settingsIcon?.image = UIImage(named: "setingsIcon")
```



```
settingsIcon.setImageResource(R.drawable.s);
```



settings\_icon

in





```
settingsIcon.setImageDrawable(R.drawable.settingsIcon);
```



Create field 'setingsIcon'



Add import for 'com.example.andrei.myapplication.R.drawable' ▶



Add on demand static import for 'com.example.andrei.myapplication.R.drawable' ▶



Insert App Indexing API Code ▶



roOomy / ROOOMY-4104

Social - back button implemented incorrectly on some screens

# R.swift

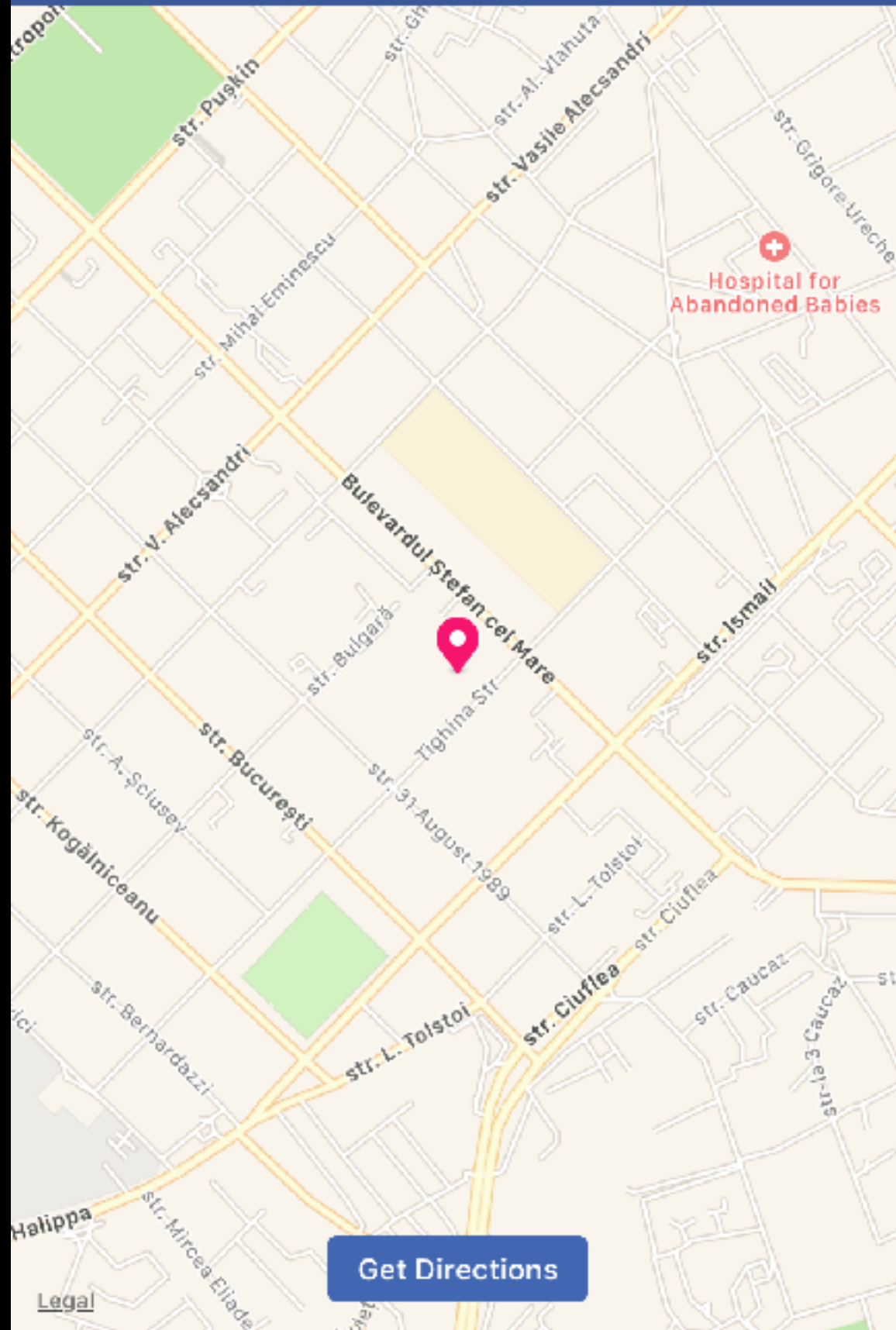
```
settingsIcon?.image = R.image.settingsIcon() ⚠ Type 'R.image' has no member '...'  
settingsIcon?.image = R.image.settingsIcon()
```

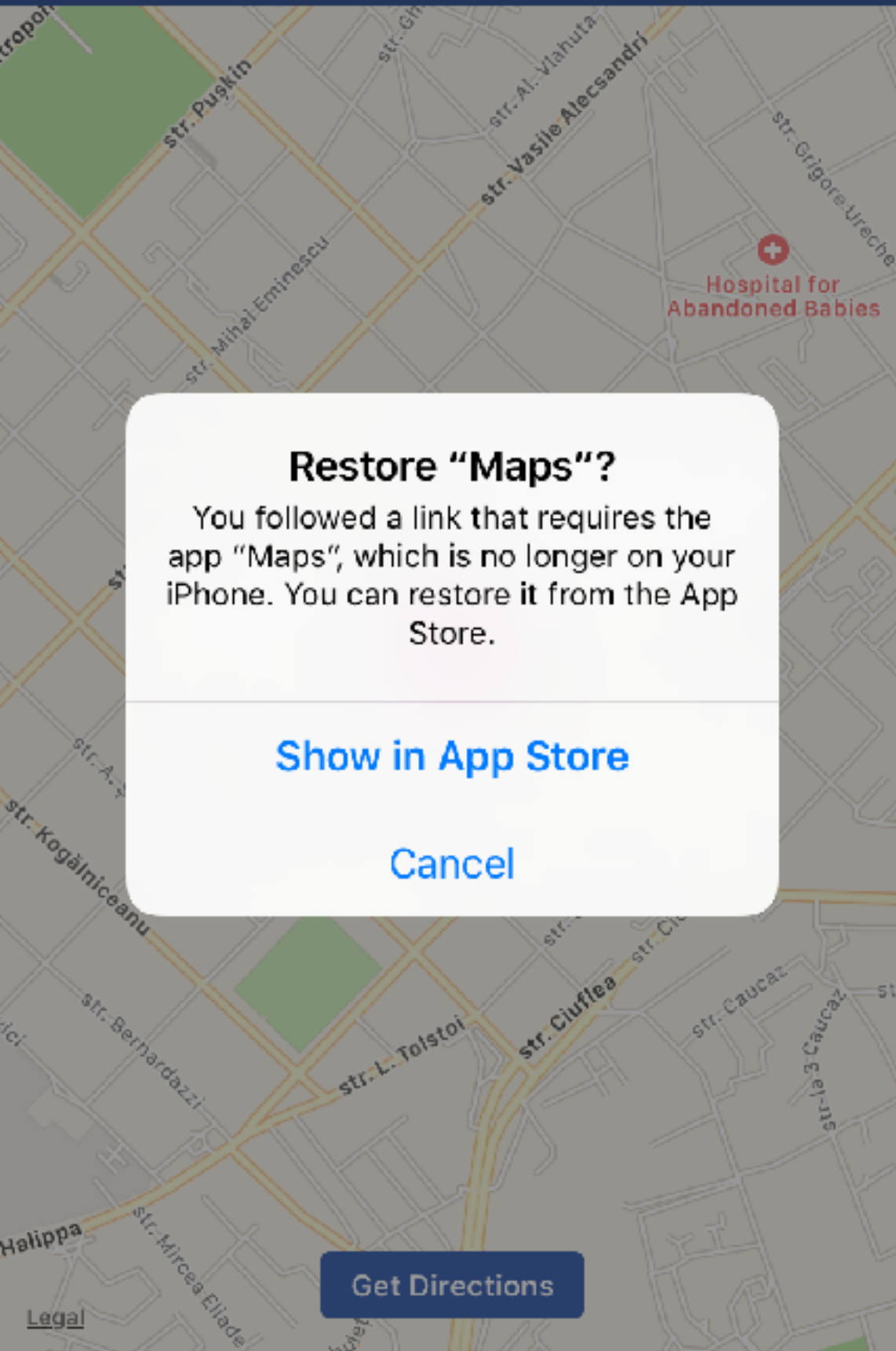
Rotation

Activities < - > UIViewController



## Summit Events





### Restore "Maps"?

You followed a link that requires the app "Maps", which is no longer on your iPhone. You can restore it from the App Store.

[Show in App Store](#)

[Cancel](#)

[Get Directions](#)





ListView < - > UITableView

OUR GALLERY

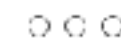


Transitional Living

+2 weeks ago

Likes (43)

Comments (38)



roomy



EXPLORE



PROFILE



**007 Test 01**

1 day ago

Likes (0)

Comments (0)

**rooomy****Transitional Living**

+2 weeks ago

Likes (44)

Comments (38)

**rooomy****Traditional Living Room**

+2 weeks ago

Likes (35)

Comments (5)

**rooomy****Traditional Bedroom**

+2 weeks ago



EXPLORE



CREATE



IDEABOOK



PROFILE



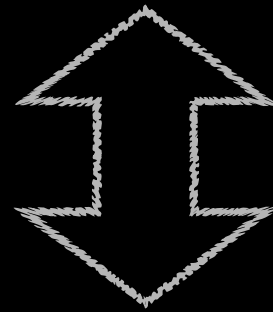
UICollectionView -  
class manages an ordered  
collection of data items and presents  
them using customizable layouts

RecyclerView -  
class manages an ordered  
collection of data items and presents  
them using customizable layouts

# Layout

- Linear
- Relative
- Frames

# LinearLayout



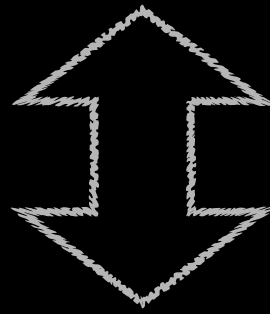
## Horizontal Stack View

UIStackView

An UIStackView creates and manages the constraints necessary to create horizontal or vertical stacks of views. It will dynamically add and remove its constraints to react to views being removed or added to its stack. With customization it can also react and influence the layout around it.

Done

# RelativeLayout



**Add New Alignment Constraints**

<input type="checkbox"/>		Leading Edges	<input type="text"/>
<input type="checkbox"/>		Trailing Edges	<input type="text"/>
<input type="checkbox"/>		Top Edges	<input type="text"/>
<input type="checkbox"/>		Bottom Edges	<input type="text"/>

---

<input type="checkbox"/>		Horizontal Centers	<input type="text"/>
<input type="checkbox"/>		Vertical Centers	<input type="text"/>
<input type="checkbox"/>		Baselines	<input type="text"/>

---

<input type="checkbox"/>		Horizontally in Container	<input type="text"/>
<input type="checkbox"/>		Vertically in Container	<input type="text"/>

Update Frames

Add Constraints

**Add New Constraints**

Spacing to nearest neighbor

☐ Constrain to margins

---

<input type="checkbox"/>		Width	<input type="text"/>
<input type="checkbox"/>		Height	<input type="text"/>

---

<input type="checkbox"/>		Equal Widths	
<input type="checkbox"/>		Equal Heights	
<input type="checkbox"/>		Aspect Ratio	

---

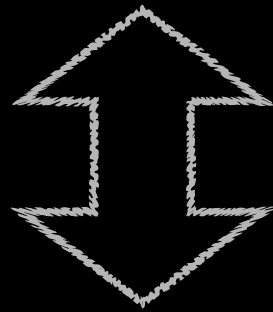
☐ Align

Update Frames

Add Constraints



# FrameLayout



**View**

Show

<input type="text" value="0"/>	<input type="text" value="0"/>
X	Y
<input type="text" value="375"/>	<input type="text" value="667"/>
Width	Height

Shared Preferences < - > NSUserDefaults  
SQLite < - > CoreData  
External file storage < - > Documents Directory

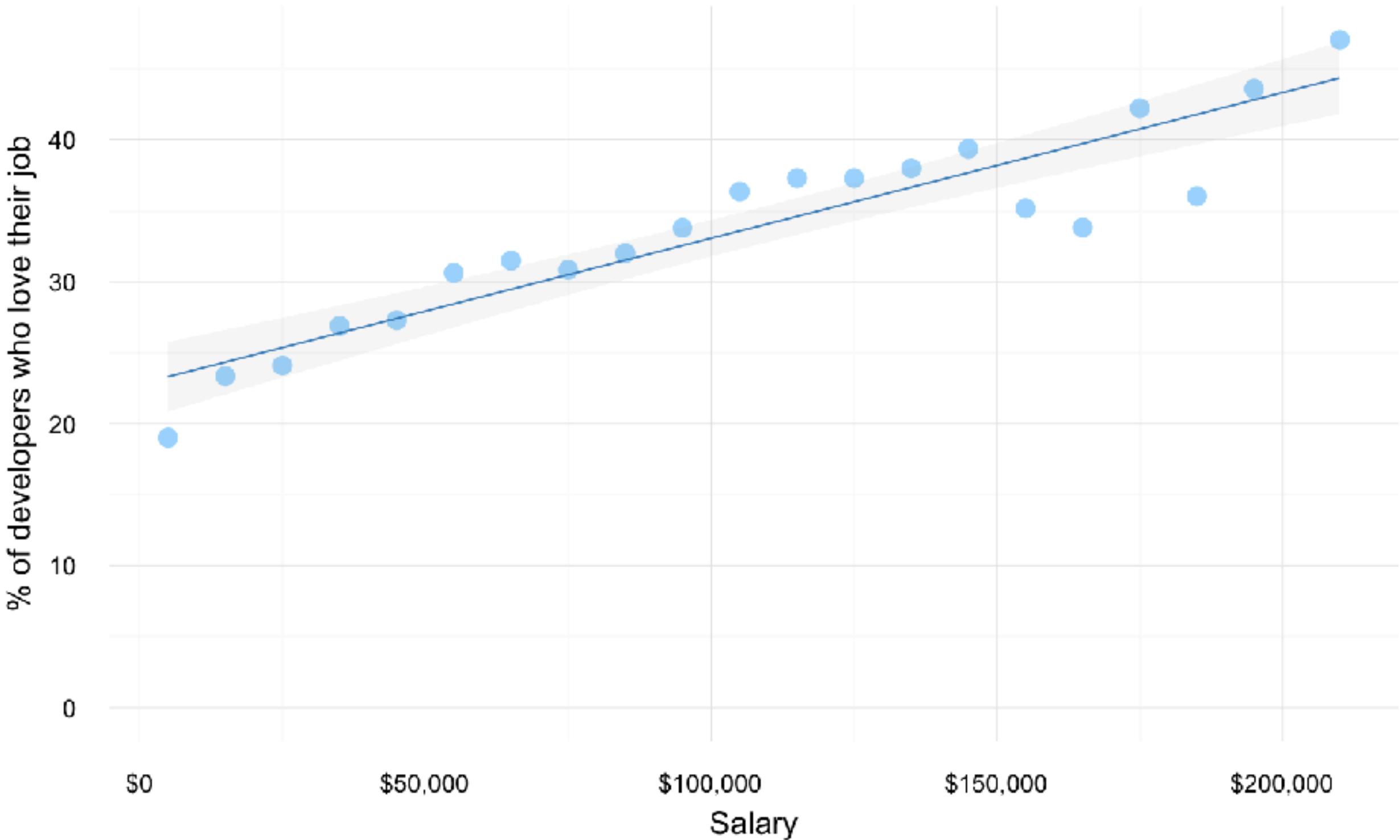
OKHTTP < - > AFNetworking  
< - > Alamofire  
Picasso < - > SDWebImage

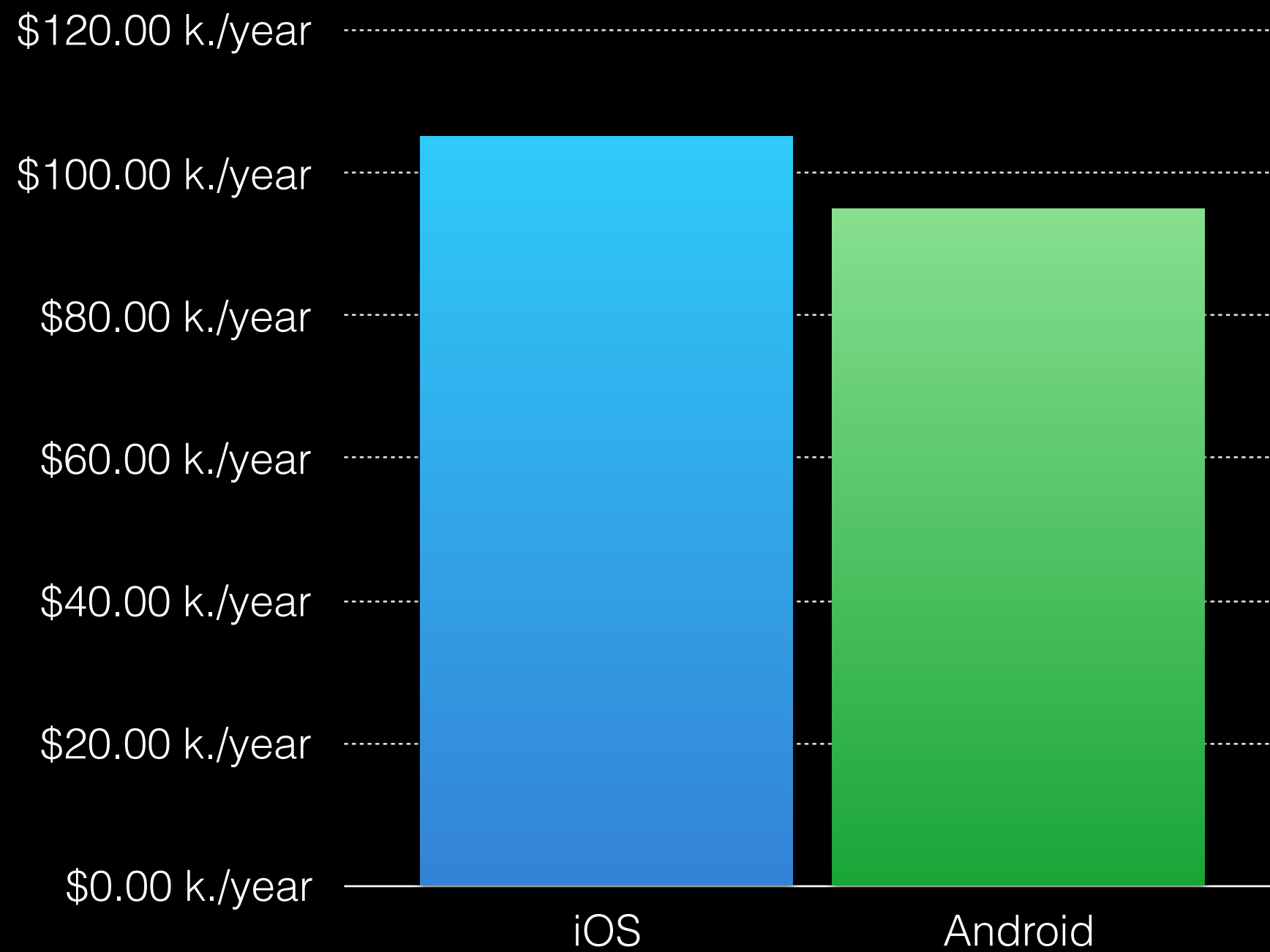
# Conclusions

- Android is not so bad
- No silver bullet
- Studying new platforms is funny

Salary

# Money Buys Happiness Buys Money





Source: [stackoverflow.com](https://stackoverflow.com)



**Andrei Vidrasco**  
@AndreiVidrasco

Tweets

46 >

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Followers

10 >





Photo/Video



Photo/Video Album

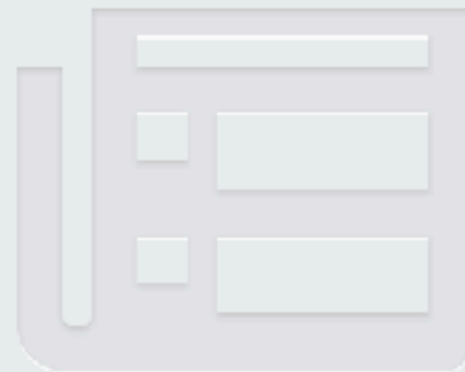


What's on your mind?



Public ▼

Post



No posts to show

Find Friends

code way. Tomorrow

Yeah guys! Let's Just ...

---

**Alex Kaul**

Yesterday >



Updated Just Now  
iCloud Storage is Almost Full >



# Q & A



AndreiVidrasco



Andrei Vidrasco



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