

DROIDS  
ON RODIDS



# Prelegenci

- Piotr Sochalewski
- iOS Developer



- Paweł Bednorz
- iOS Developer





**WHAT IF I TOLD YOU**

**THAT YOU CAN BE AN APP DEVELOPER?**

Od zera do developera

# Agenda

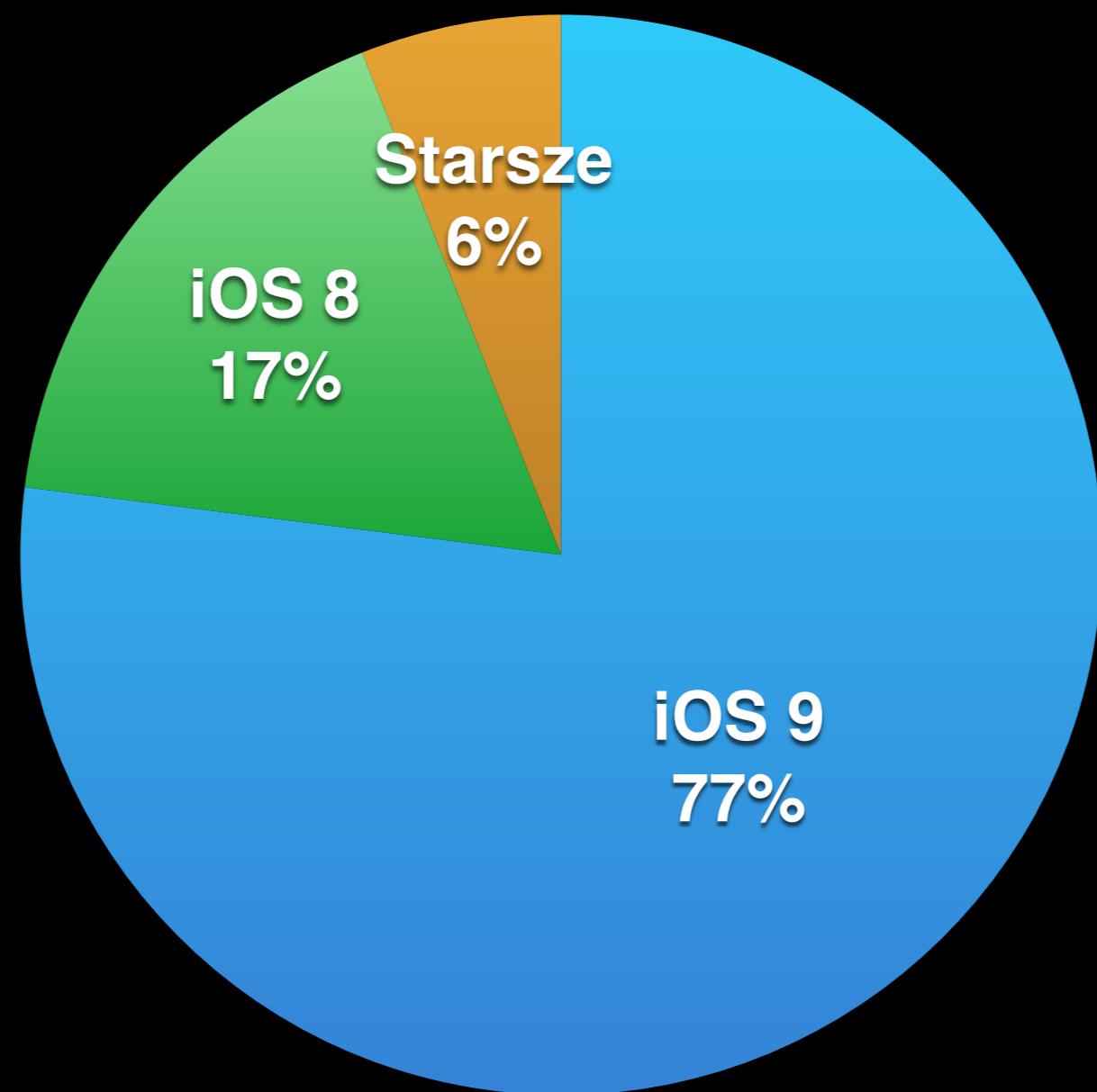
- Dlaczego Apple?
- Urządzenia
- Development jako proces
- Wymagania
- Narzędzia
- Języki programowania
- Źródła wiedzy
- Panel dyskusyjny

# Dlaczego Apple?

	Google	Apple	Microsoft
Średni dochód na aplikację	\$1125	\$4000	\$625

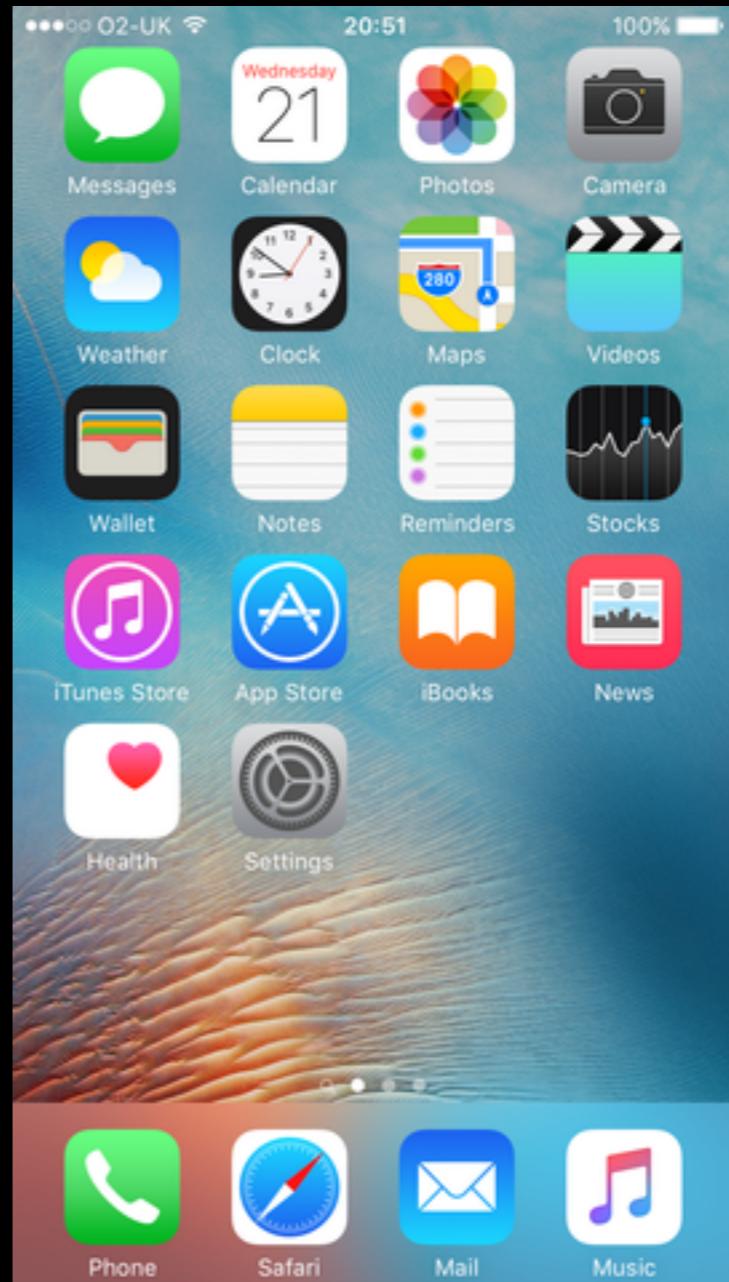
Źródło: [www.forbes.com](http://www.forbes.com)

# Dlaczego Apple?



Źródło: Apple z dnia 22 stycznia 2016 r.

# iOS 6 vs iOS 9

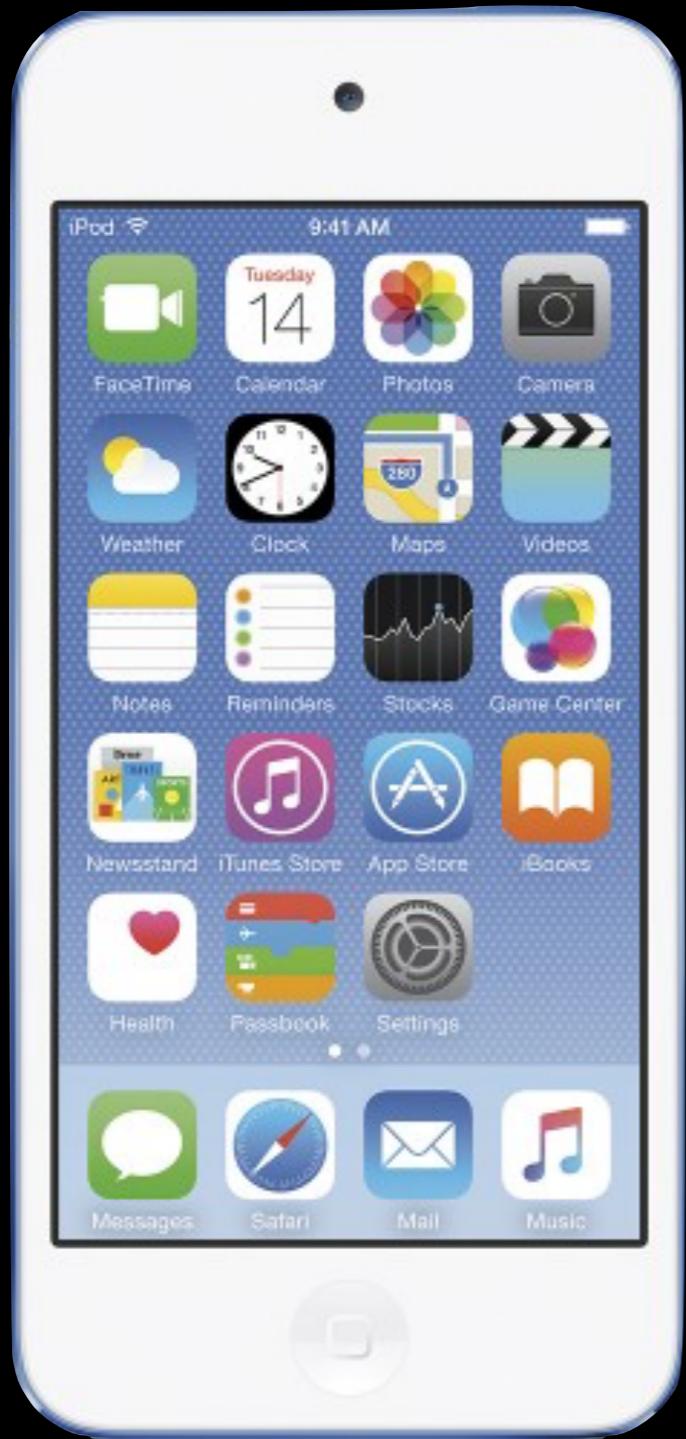




# Urządzenia



- iPhone
- iPhone 3G
- iPhone 3GS
- iPhone 4
- iPhone 4S
- iPhone 5 / 5C
- iPhone 5S
- iPhone 6 / 6 Plus
- iPhone 6S / 6S Plus



- iPod touch 1 gen
- iPod touch 2 gen
- iPod touch 3 gen
- iPod touch 4 gen
- iPod touch 5 gen
- iPod touch 6 gen

- iPad 1 gen
- iPad 2 gen
- iPad 3 gen
- iPad 4 gen
- iPad Air
- iPad Air 2
- iPad Mini 1 gen
- iPad Mini 2 gen
- iPad Mini 3 gen
- iPad Mini 4 gen
- iPad Pro





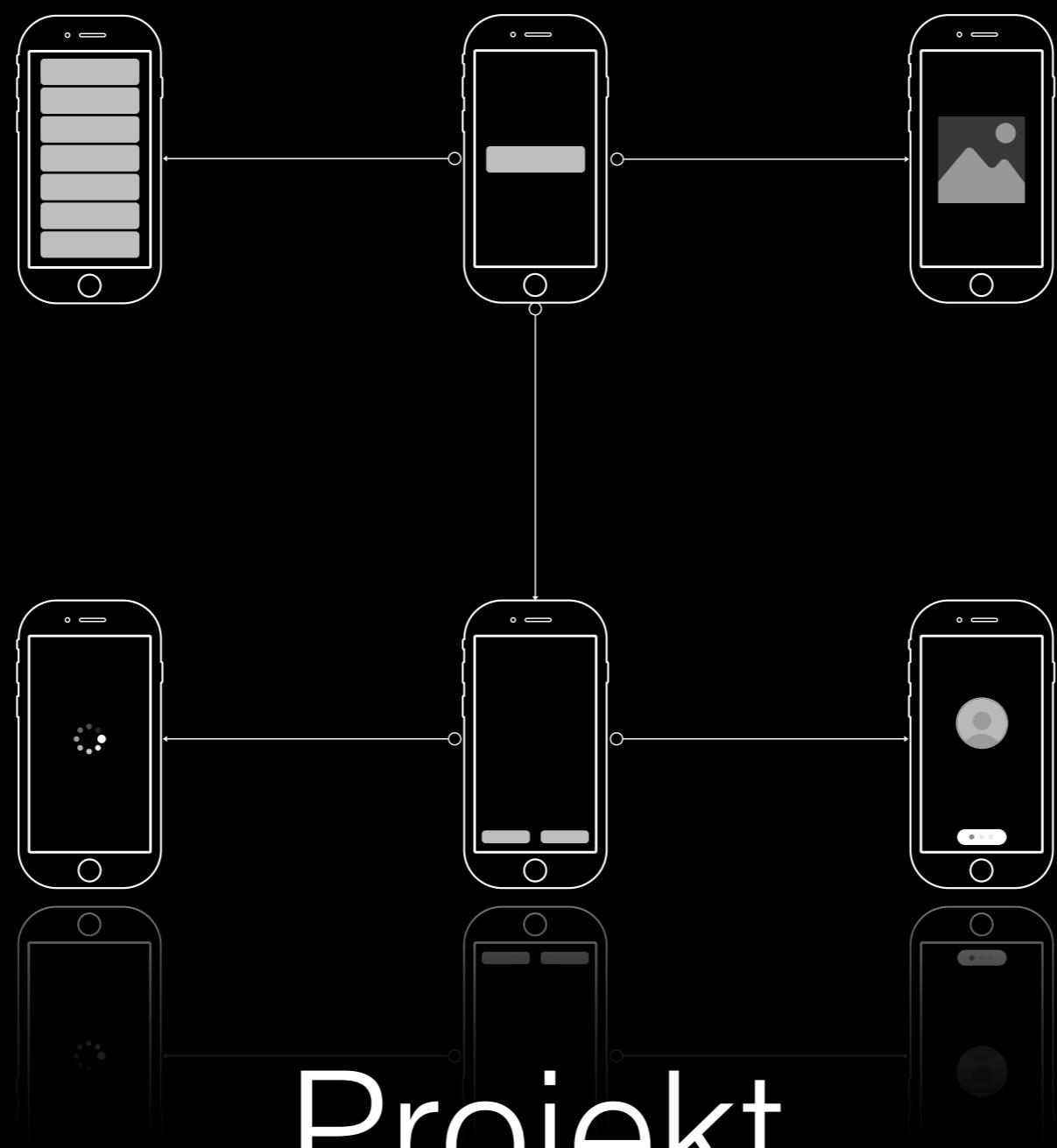
# Apple Watch, OS X i Apple TV



# Development jako proces



# Pomysł



# Projekt



# Wykonanie

# Wykonanie



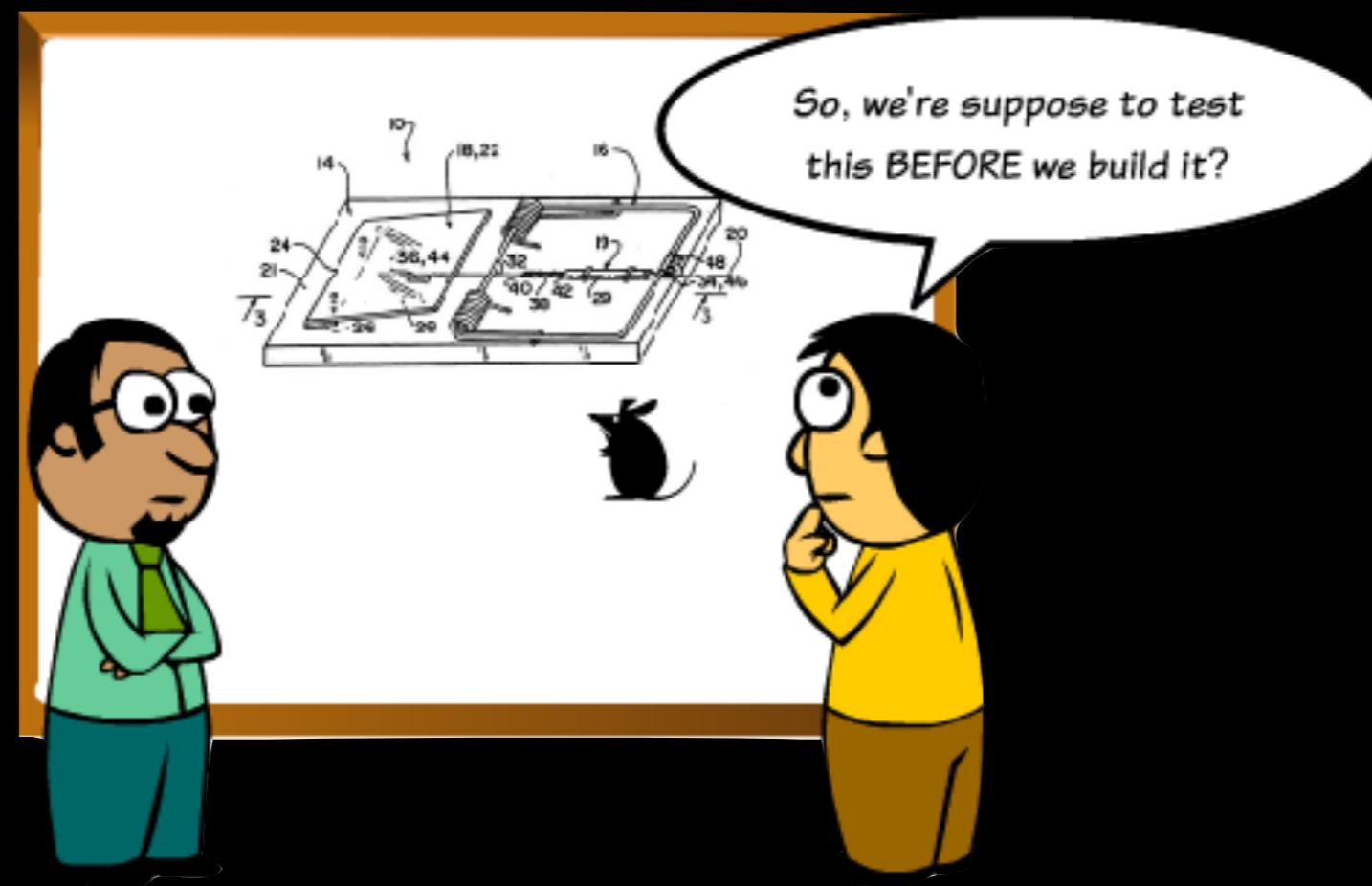
Natywnie



Framework



Hybrydowo



# Testy



KEEP  
CALM  
WE'RE  
GOING  
LIVE

Publikacja

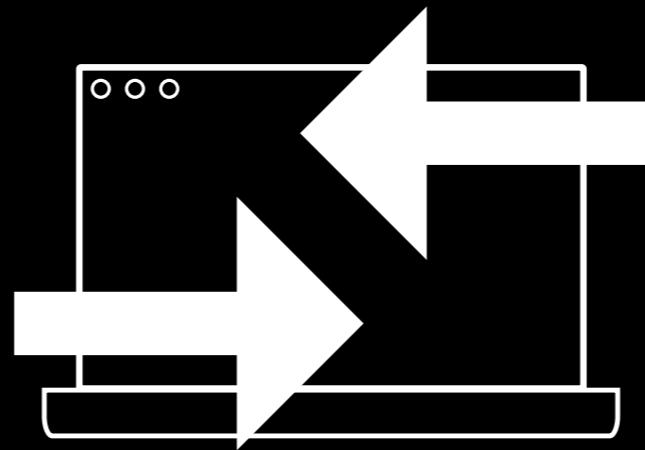


# Wymagania

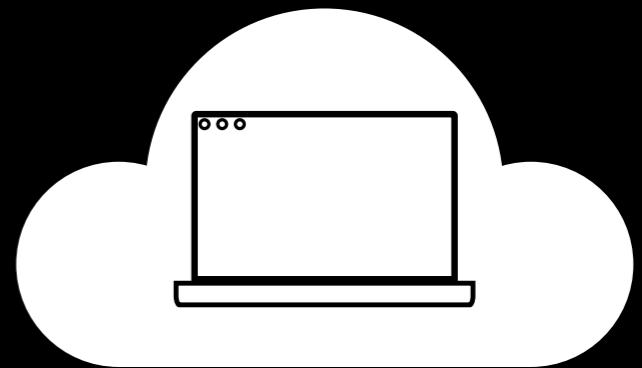
# Komputer Mac



Nowy

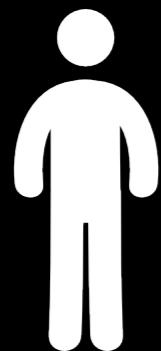


Używany



W chmurze

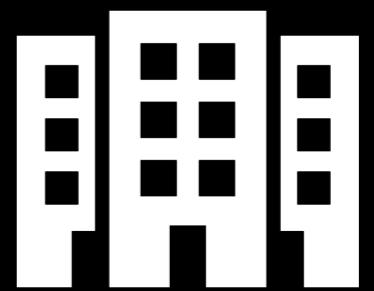
# Konto deweloperskie



Individual  
\$99



Organizations  
\$99



Enterprise  
\$299



# Narzędzia







GitHub  
Airline



# GitHub

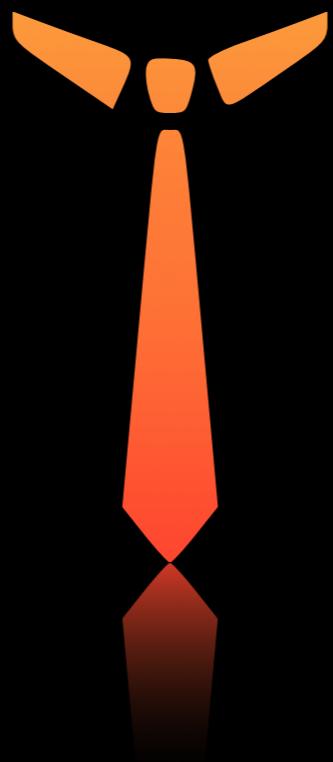
## Student Developer Pack

Pragmatic Developer Pack

**〈COCOAPODS〉**

# Podfile

```
platform :ios, '9.0'  
use_frameworks!  
  
pod 'SwiftyRouter'
```



```
/ % tailor main.swift

***** main.swift *****

/main.swift:01: warning: [multiple-imports] Imports should be on separate lines
/main.swift:01:18: warning: [terminating-seicolon] Statements should not terminate with a semicolon
/main.swift:03:05: warning: [constant-k-prefix] Constant name should not be prefixed with 'k' or 'K'
/main.swift:04:05: warning: [constant-naming] Global Constant should be either lowerCamelCase or UpperCamelCase
/main.swift:08:05: warning: [function-whitespace] Function should have at least one blank line before it
/main.swift:09:13: warning: [constant-naming] Constant should be lowerCamelCase
/main.swift:11:06: warning: [function-whitespace] Function should have at least one blank line after it
/main.swift:14:06: warning: [upper-camel-case] Enum names should be UpperCamelCase
/main.swift:16:02: warning: [terminating-seicolon] Statements should not terminate with a semicolon
/main.swift:18:06: warning: [upper-camel-case] Enum names should be UpperCamelCase
/main.swift:20:15: warning: [terminating-seicolon] Statements should not terminate with a semicolon
/main.swift:22:10: warning: [upper-camel-case] Enum case names should be UpperCamelCase
/main.swift:25:08: warning: [upper-camel-case] Struct names should be UpperCamelCase
/main.swift:29:10: warning: [upper-camel-case] Protocol names should be UpperCamelCase
/main.swift:33:17: warning: [redundant-parentheses] Dictionary literal should not be enclosed within parentheses
/main.swift:34:15: warning: [redundant-parentheses] Initializer expression should not be enclosed within parentheses
/main.swift:37:07: warning: [redundant-parentheses] Conditional clause should not be enclosed within parentheses
/main.swift:40: warning: [terminating-newline] File should terminate with exactly one newline character ('\n')

Analyzed 1 file, skipped 0 files, and detected 18 violations (0 errors, 18 warnings).
```

## Tailor, SwiftLint



> 	DroidsOnRoids/GCMsender	<b>3.83 GPA</b> no changes since yesterday	Last sync: Yesterday, 8:29 am
> 	DroidsOnRoids/SwiftyRouter	<b>2.72 GPA</b> no changes since yesterday	Last sync: March 11, 2016 10:08 am

Rating ▾	Name	Language	Complexity	Code Issues	Duplication
(B)	StoreManager	swift	7	0	1
(A)	RestManager	swift	3	0	0
(A)	<main>	swift	4	0	0
(A)	WindowController	swift	1	0	0
(A)	ViewController	swift	17	0	0
(A)	JsonHelper	swift	7	0	0
(A)	AppDelegate	swift	0	0	0

▼ There is similar code in 2 places (mass = 125, difference = 2)	Learn more >
> GCMsender/StoreManager.swift:17...28	
> GCMsender/StoreManager.swift:29...40	



HOCKEYAPP

НОККЕЙАРР



crashlytics

...



# Swift vs Objective-C

```
// Function with for loop inside
func prettyMethod() {
    for _ in 0..<7 {
        doSomething()
    }
}

// Enumerate through a dictionary
func enumerate() {
    for (key, value) in dictionary {
        doSomething(key, value: value)
    }
}

// Singleton
static let sharedInstance = MyClass()
```

Swift

```
// Method with for loop inside
- (void)prettyMethod {
    for (NSInteger i = 0; i < 7; i++) {
        [self doSomething];
    }
}

// Enumerate through a dictionary
- (void)enumerate {
    for (NSString *key in self.dictionary) {
        NSString *value = [self.dictionary valueForKey:key];
        [self doSomething:key value:value];
    }
}

// Singleton
+ (instancetype)sharedInstance {
    static id sharedInstance = nil;

    static dispatch_once_t onceToken;
    dispatch_once(&onceToken, ^{
        sharedInstance = [[self class] new];
    });

    return sharedInstance;
}
```

Objective-C



# Nauka



[developer.apple.com](https://developer.apple.com)



[developer.apple.com/wwdc](https://developer.apple.com/wwdc)



Podręczniki Apple w iBooks



raywenderlich.com



[stack overflow . com](https://stackoverflow.com)

# DROIDS ON DROIDS

[thedroidsonroids.com/blog/](http://thedroidsonroids.com/blog/)



Playground



Panel dyskusyjny

# Dziękujemy

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