

Titanium

빠른 모바일 앱 개발

한국 타이타늄 사용자 모임 tidev.kr

이종은
v.20141105

이종은

Titanium Developer

tidev.kr 운영

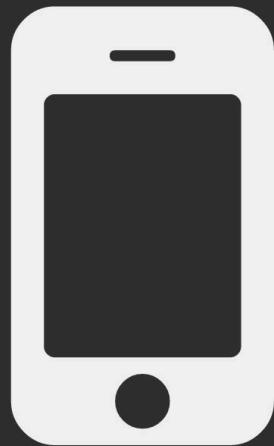
Titanium Certified Expert & Titan
NIPA 글로벌 오픈 프론티어



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Open Source



모바일 앱 개발 하시나요?



Titanium [하|아]시나요?



CROSS PLATFORM

Open Source

Apach License 2

Titanium은 계속
성장중!

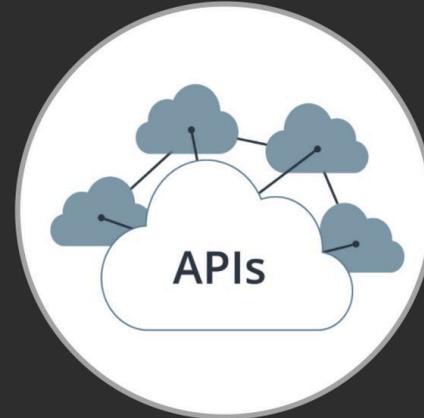


듣보잡인데
정말?



NUMBER OF UNIQUE MOBILE DEVICES

270,000,000



NUMBER OF CLOUD API REQUESTS

35,000,000,000



FORTUNE 100 COMPANIES USING TITANIUM

68% of F100



Jeff Haynie

Coding CEO



We can't build it alone...



The Titanium Community

A FORCE FOR GOOD



NUMBER OF REGISTERED TITANIUM
DEVELOPERS

650,000

Gartner Magic Quadrant Leader



Community ❤️ Open Source

Significant prebuilt assets are available for
use from Appcelerator's community,
including code, apps and cloud services.

자랑은 그만하고 Titanium이 뭐요?

(사실 이후에도 자랑은 쭉~)

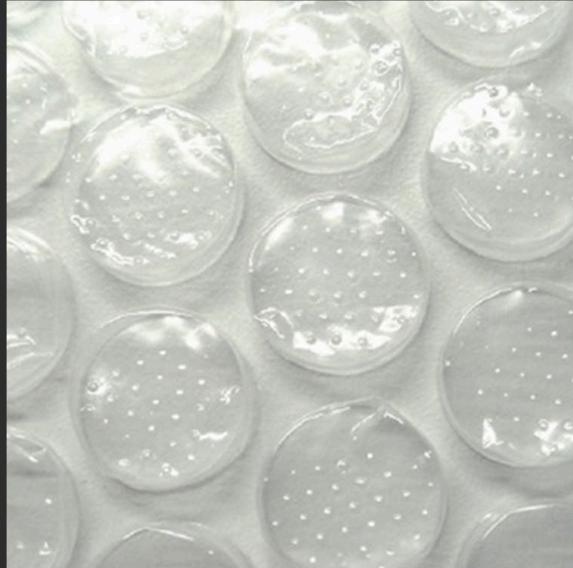




Titanium에 대한
진실 혹은 거짓



HTML5?
PhoneGap류?

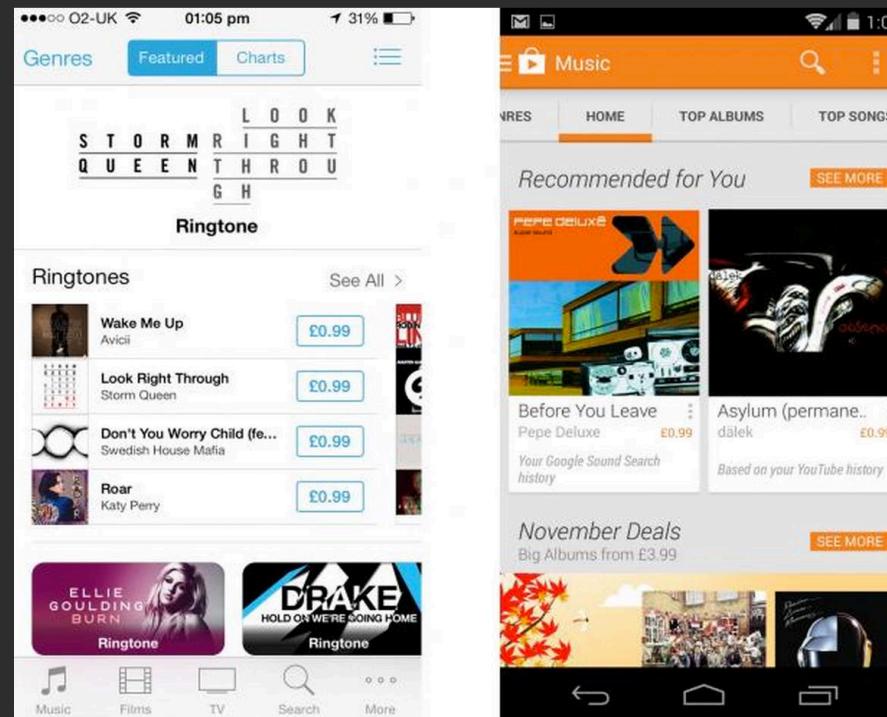


or



Native UI?

iOS7 vs Android 4.4



원문 링크 바로가기



Javascript?



Javascript



Build tool, MVC Framework, Hook..

```
$ sudo npm install -g titanium  
$ titanium setup
```



JS 개발하시는 분?

일단 보여드리고
그 다음 설명하고 QnA로..

DEMO TIME!

🔧 BUILD : Titanium Studio / Ti CLI

📦 MVC : Alloy

🚀 AWESOME : TiShadow

🧩 FANTASTIC 3rd party tools..

Alloy MVC

project/app/..

The image shows a code editor interface with three tabs open, illustrating the Alloy MVC framework structure:

- index.tss**: CSS-like styles for UI components.
- index.xml**: XML-based markup defining the application's structure.
- index.js**: JavaScript code for application logic.

```
index.tss:
```

```
1 "Window": {  
2     backgroundColor: "#fff",  
3     theme: "Theme.NoActionBar"  
4 }  
5  
6 "Label": {  
7     width: Ti.UI.SIZE,  
8     height: Ti.UI.SIZE,  
9     color: "#000",  
10    font: {  
11        fontSize: 20,  
12        fontFamily: 'Helvetica Neue'  
13    },  
14    textAlign: 'center'  
15 }
```

```
index.xml:
```

```
1<Alloy>  
2    <TabGroup>  
3        <Tab title="Tab 1" icon="KS_nav_ui.png">  
4            <Window title="Tab 1">  
5                <Label>I am Window 1</Label>  
6            </Window>  
7        </Tab>  
8        <Tab title="Tab 2" icon="KS_nav_views.png">  
9            <Window title="Tab 2">  
10                <Label>I am Window 2</Label>  
11            </Window>  
12        </Tab>  
13    </TabGroup>  
14</Alloy>
```

```
index.js:
```

```
1 $.index.open();  
2
```

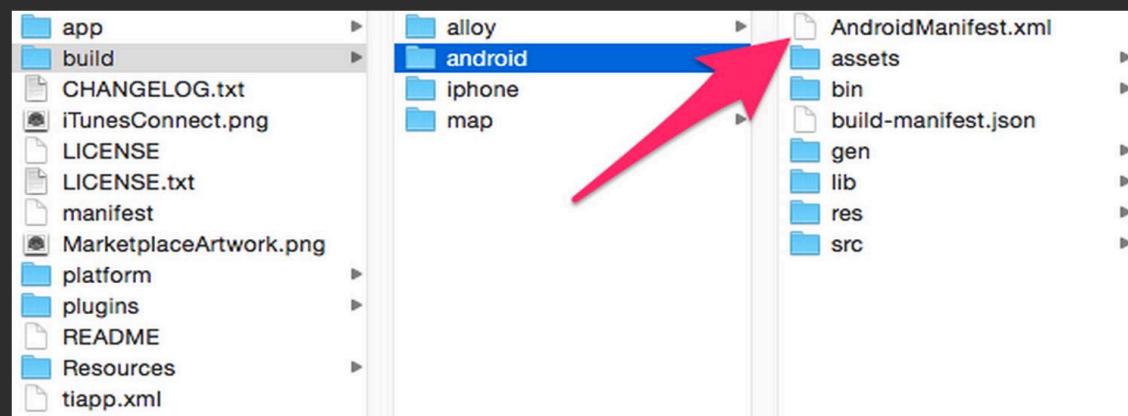
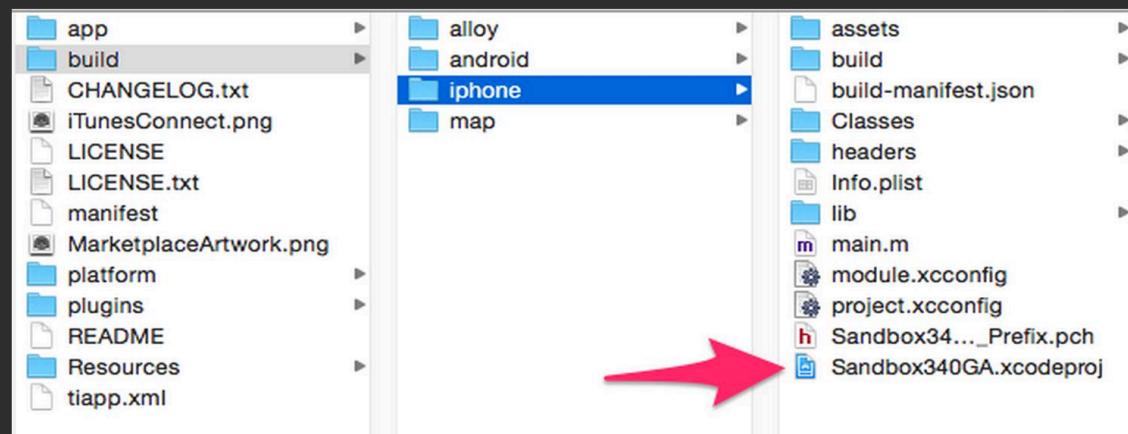
After Alloy Compile

project/Resource/app/..

```
10 function Controller() {
11     require("alloy/controllers/BaseController").apply(this, Array.prototype.slice.call(arguments));
12     this.__controllerPath = "index";
13+
14     if (arguments[0]) {
15         var $ = this;
16         var exports = {};
17         var __alloyId0 = 0;
18         $.__views.__alloyId2 = Ti.UI.createWindow({
19             backgroundColor: "#fff",
20             theme: "Theme.NoActionBar",
21             title: "Tab ",
22             id: "__alloyId2"
23         });
24         $.__views.__alloyId3 = Ti.UI.createLabel({
25             width: Ti.UI.SIZE,
26             height: Ti.UI.SIZE,
27             color: "#000",
28             font: {
29                 fontSize: 20,
30                 fontFamily: "Helvetica Neue"
31             },
32             textAlign: "center",
33             text: "I am Window 1",
34             id: "__alloyId3"
35         });
36         $.__views.__alloyId2.add($.__views.__alloyId3);
37         $.__views.__alloyId1 = Ti.UI.createTab({
38             window: $.__views.__alloyId2,
39             title: "Tab 1",
40             icon: "KS_nav_ui.png",
41             id: "__alloyId1"
42         });
43     }
44 }
```

After Titanium Compile

build/..



Ti current



Build & Run

- ✓ Code change
- ✓ Compile of Alloy (MVC)
- ✓ Compile of Titanium
- ✓ Compile of Xcode/Android
- ✓ Deploying the app
- ✓ Starting the app
- ✓ Loading the code

TiShadow



#1 Titanium Development Tool (3rd-party)

Build & Run with **TiShadow**

- ✓ Code change
- ✓ Compile of Alloy
- ✓ Compile of Titanium
- ✓ Compile of Xcode/Android
- ✓ Deploying the app
- ✓ Starting the app
- ✓ Loading the code

TiShadow 서버(Node.js)를 실행중인 앱으로 전달



CLI Hook



Tn : Titanium Tiny CLI

dev.tiapp : Build 환경에 따라 다른 값 지정

testflight : build 후 testflight api로 업로드

TiShadow

...

Gitt.io

available on [gitTio](#)

Titanium Package Manager



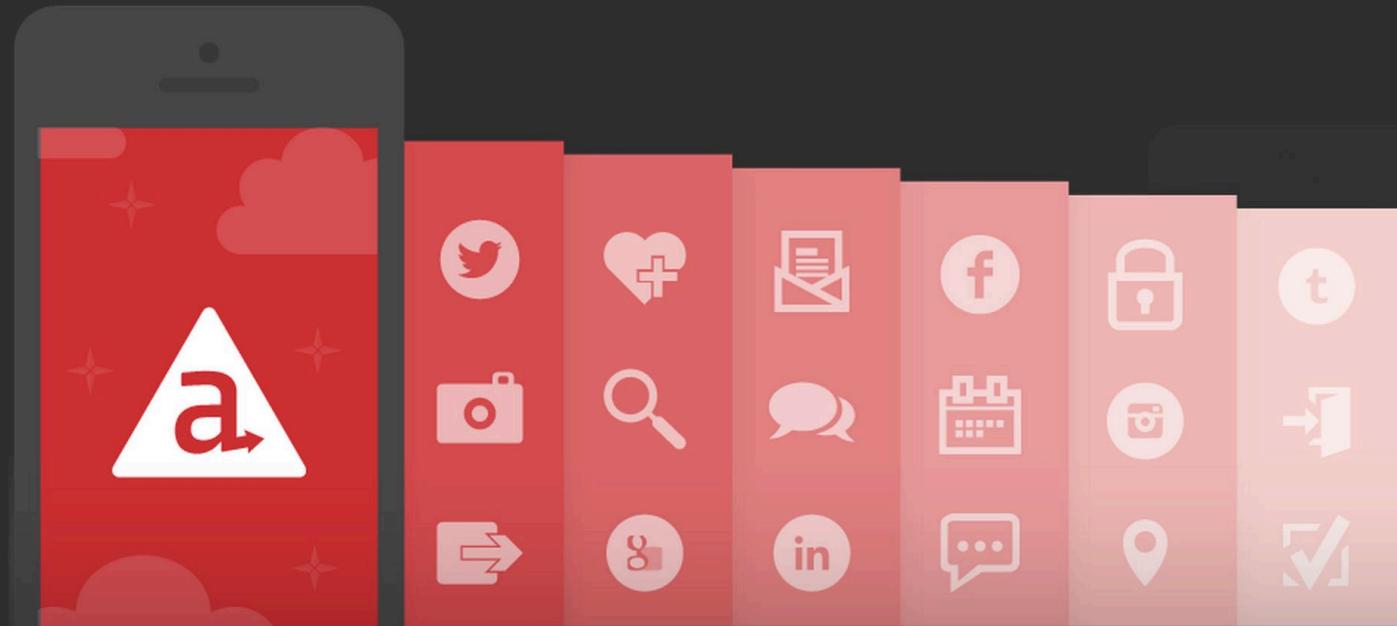
Titanium with
CLOUD

(또 하나의 가족? 선물)

ACS

(Appcelerator Cloud Service)

= MBaaS





Node.ACS

= Node 호스팅

- ☁ ACS의 API를 확장하고 커스터마이징 가능
- ☁ CLI를 이용해서 쉬운 생성과 배포
- ☁ CNAME을 이용한 독립 도메인 연결

Titanium으로 **Mobile App**

ACS로 **백엔드 API 서버**

Node.ACS로 **웹서비스**

서비스 모든 부분을
Titanium Platform으로
만들어 볼까요? ^^



최근 오픈한 먹짤 전용 앱 Licky

App Store에서
다운로드 하기



소스도 오픈 github.com/yoda-united/licky

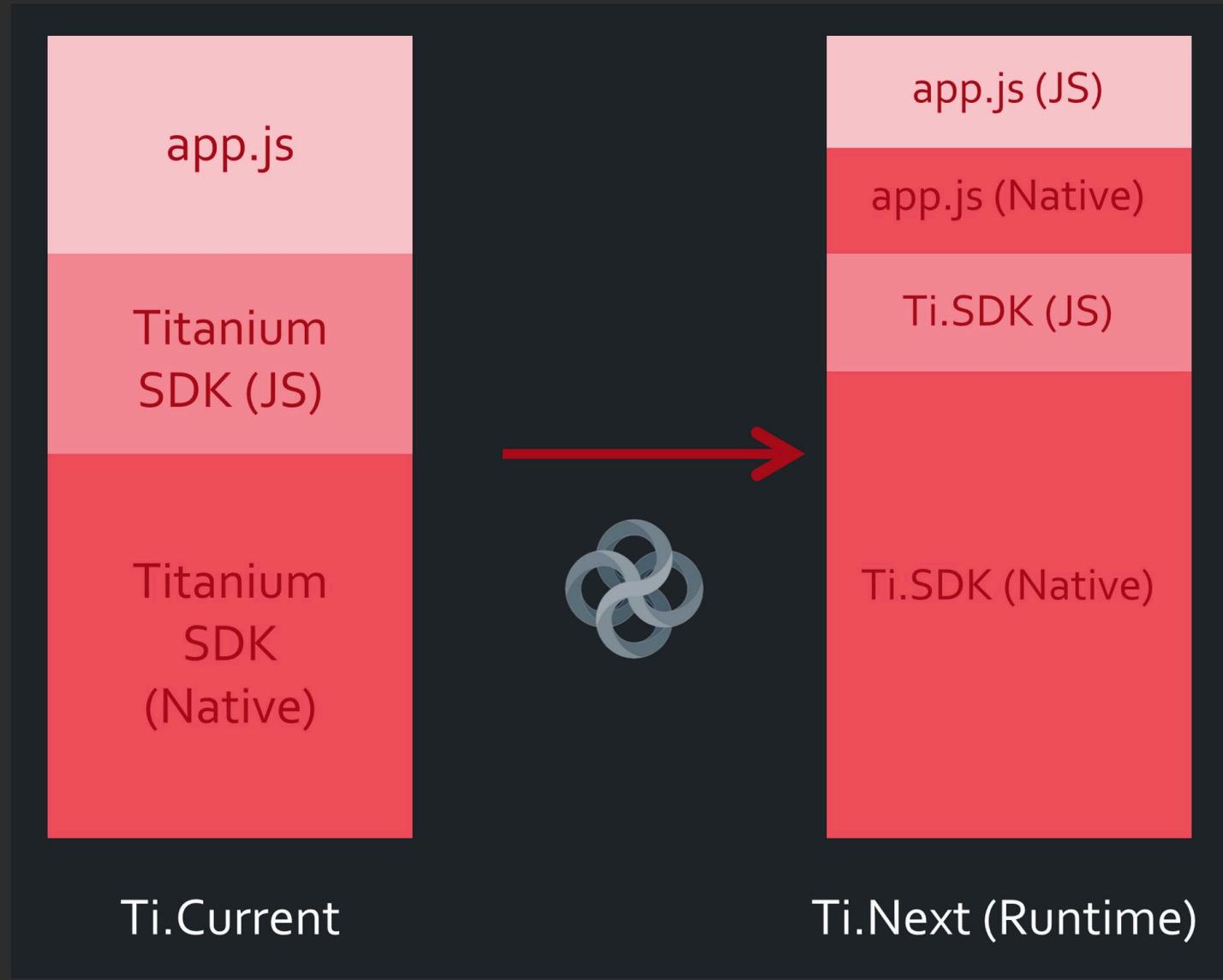
Ti.Next

with



JS? Objective-C?

```
String.prototype.toUTF8 = function() {  
    return NSString.stringWithUTF8String('' + this);  
};
```



못다한 질문은



tidev.kr

한국 타이타늄 사용자 모임