

iPhone App Dev

Lesson 10

Contact

bryant.tang14mo@gmail.com

Prepare to submit your app

Submit your app

- Step by Step
 - Sign up a apple account
 - Apply a program
 - App ID, Certificates, Provisioning
 - Developing of your app
 - Testing of your app
 - Distribute
 - Managing your app

Be a apple developer

- Sign up a apple account
- Login at developer.apple.com
 - ✓ Go to www.developer.apple
 - ✓ Navigate to **Member Center**



Apply a program

- Three kinds of iOS program for developing iOS

iOS Developer Program
\$99/year



**iOS Developer
Enterprise Program**
\$299/year



**iOS Developer
University Program**
Free



- Individuals enrolling in the iOS Developer Program will need:

- Legal name and contact information. Your legal name will appear as the “Seller” in the App Store.
- A valid credit card for purchase.
- We may also require additional personal documentation to verify your identity.

- Companies/Organizations enrolling in the iOS Developer Program will need:

- The legal authority to bind your company/organization to Apple Developer Program legal agreements.
- A registered legal entity name. This name will appear as the "Seller" in the App Store. We do not accept DBAs, Fictitious Businesses, Trade names, or branches.
- Address for the company’s principal place of business or corporate headquarters.
- A D-U-N-S Number assigned to a legal entity.
- A valid credit card for purchase.

● Enter Account Info

Enter Account Info

Select Program

Review & Submit

Agree to License

Enter your contact information.

Legal Name

To edit your name, visit [My Apple ID](#).

Name: Tang bryant

Credit Card Billing Address

Enter your address in your local language exactly as it appears on your credit card bill.

Country: Macau


● Enter Account Info

Enter Account InfoSelect ProgramReview & SubmitAgree to LicensePurchase ProgramActivate Program

Select your program.


☒

iOS Developer Program
US\$99 /year
Get everything you need to develop and distribute your apps on the App Store.




☐

Mac Developer Program
US\$99 /year
Get everything you need to develop, sign, and distribute your apps.



☐

Safari Developer Program
Free
Create a signing certificate for your Safari extensions.



● Review & Submit

●

●

●

●


●

●

Enter Account InfoSelect ProgramReview & SubmitAgree to LicensePurchase ProgramActivate Program

Review your enrollment information & submit.

Developer Program



iOS Developer Program

US\$99/year

Billing Info

Name:

Tang bryant

Email:

bryanttgm92778@gmail.com

Address

Edificio Hing Wah Court Avenida Marginal do Patane

City

Macau

State

N/A

Postal Code

Country:

Macau

Phone:

853 - 66420628

Cancel

Go Back

Continue

● Agree to License

●

●

●

●

●

●

Enter Account InfoSelect ProgramReview & SubmitAgree to LicensePurchase ProgramActivate Program

Program License Agreement

iOS Developer Program License AgreementEnglish

View the iOS Developer Program License Agreement [PDF](#).

organization, educational institution or group.

Apple may provide access to services by or through the Program for You to use with Your developer account (e.g., device or app provisioning, managing teams or other account resources). You agree to access such services only through the Program web portal (which is accessed through Apple's developer website) or through Apple-branded products that are designed to work in conjunction with the Program (e.g., OS X Server, Xcode). You agree not to create or attempt to create a substitute or similar service through use of or access to the services provided by or through the Program. Further, You may only access such services using the Apple ID associated with Your developer account. Except as otherwise expressly permitted herein, You agree not to share, sell, resell, rent, lease, lend, or otherwise provide access to Your developer account or any services provided therewith, in whole or in part, to anyone who is not an Authorized Developer on Your team, and You understand that each team member must have their own Apple ID to access Your account. To the extent that You own or control an Apple-branded computer running Apple's OS X Server or Xcode Server ("Server")

☒ By checking this box I confirm that I have read and agree to be bound by the Agreement above. If I am agreeing on behalf of my company, I represent and warrant that I have legal authority to bind my company to the terms of the Agreement above. I also confirm that I am of the legal age of majority in the jurisdiction in which I reside (at least 18 years of age in many countries).

Enter your payment information.

Purchase items

iOS Developer Program

\$99.00

Membership for one year.

Your order will be charged in U.S. dollars

[Edit items](#)

Order Total: \$99.00

Payment Information

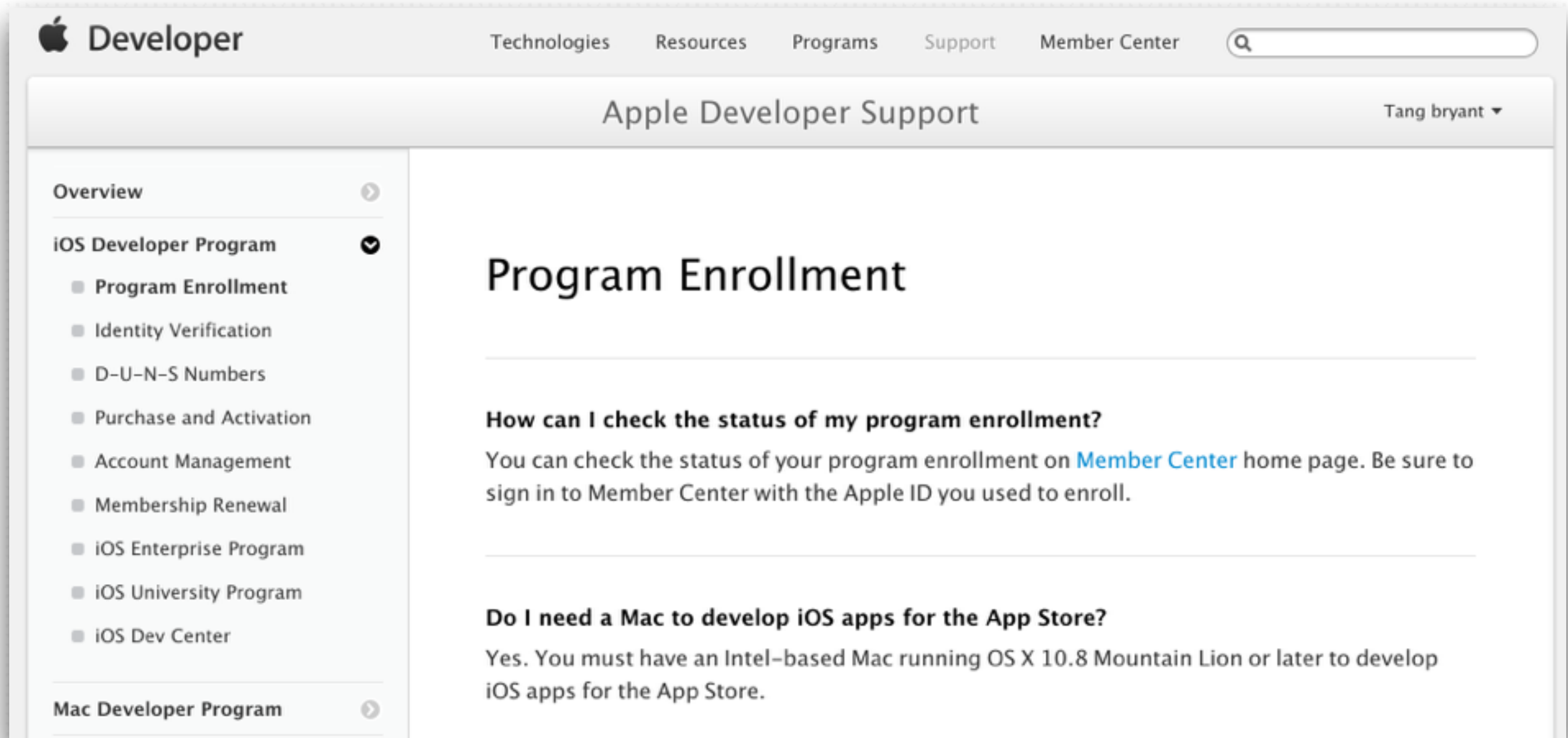
Credit Card

Enter the number, cardholder's name, and expiration date for your credit card. We accept Visa, Mastercard, Discover, and American Express.

Type:



Support Reference



The screenshot shows the Apple Developer website's support section. The top navigation bar includes links for Technologies, Resources, Programs, Support, and Member Center, along with a search bar. The user is logged in as 'Tang Bryant'. The main heading is 'Apple Developer Support'. On the left, a sidebar lists navigation options: Overview, iOS Developer Program (selected), and Mac Developer Program. Under the iOS Developer Program, a list of topics includes Program Enrollment, Identity Verification, D-U-N-S Numbers, Purchase and Activation, Account Management, Membership Renewal, iOS Enterprise Program, iOS University Program, and iOS Dev Center. The main content area is titled 'Program Enrollment' and contains two FAQ-style entries. The first entry asks 'How can I check the status of my program enrollment?' and provides instructions to check the status on the Member Center home page. The second entry asks 'Do I need a Mac to develop iOS apps for the App Store?' and confirms that an Intel-based Mac running OS X 10.8 Mountain Lion or later is required.

Developer Technologies Resources Programs Support Member Center

Apple Developer Support Tang Bryant ▾

Overview

iOS Developer Program

- Program Enrollment
- Identity Verification
- D-U-N-S Numbers
- Purchase and Activation
- Account Management
- Membership Renewal
- iOS Enterprise Program
- iOS University Program
- iOS Dev Center

Mac Developer Program

Program Enrollment


How can I check the status of my program enrollment?

You can check the status of your program enrollment on [Member Center](#) home page. Be sure to sign in to Member Center with the Apple ID you used to enroll.


Do I need a Mac to develop iOS apps for the App Store?

Yes. You must have an Intel-based Mac running OS X 10.8 Mountain Lion or later to develop iOS apps for the App Store.

Member Center

 **Developer**

Member Center


 Programs & Add-ons Your Account


Hi, Tang bryant | [Sign out](#)


Enrollment Status: ✓ 1. Submit ✓ 2. Identity Verification ✓ 3. Accept License Agreement • 4. Purchase and Activate


Purchase and Activate Your Membership
You still need to purchase and activate your membership to join an Apple Developer Program. [Purchase Now ▶](#)

Registered Apple Developer Resources


**Dev Centers**
Quickly access a range of technical resources.
[iOS](#) | [Mac](#) | [Safari](#)

**Development Videos**
View a selection of videos on developing for iOS, Mac OS X, and Safari.


**Apple Developer Forums**
Discuss technical topics with other developers and Apple engineers.

**Bug Reporting**
Submit and track bug reports and enhancements requests.


News and Announcements
Get app submission tips, learn about new features in iTunes Connect and receive guidance on developing and marketing your apps. [Learn more ▶](#)



Member Center - after applying program

 **Developer**


Member Center


 [People](#) [Programs & Add-ons](#) [Your Account](#)

Organization: [Macao SAR Government Consumer Council](#) Hi, CHI WAI TANG | [Sign out](#)


Developer Program Resources


Technical Resources and Tools

**Dev Centers**
Quickly access a range of technical resources.
[iOS](#) | [Mac](#) | [Safari](#)


**Certificates, Identifiers & Profiles**
Manage your certificates, App IDs, devices, and provisioning profiles.


App Store Distribution

**App Store Resource Center**
Learn about how to prepare for App Store Submission.


**iTunes Connect**
Submit and manage your apps on the App Store.

Community and Support


**Apple Developer Forums**
Discuss technical topics with other developers and Apple engineers.

**Developer Support**
Request technical or developer program support.
[Technical](#) | [Program](#)

Developer Program Overview

[Read about accessing the resources and benefits of your iOS Developer Program](#)

News and Announcements



Get app submission tips, learn about new features in iTunes Connect and receive guidance on developing and marketing your apps. [Learn more](#) ▶

iTunes Connect

Submit and manage your apps on the App Store

Resources

Tools

a range of technical resources.
[Safari](#)

Certificates, Identifiers & Profiles
Manage your certificates, App IDs, devices, and provisioning profiles.

Resource Center
How to prepare for submission.

iTunes Connect
Submit and manage your apps on the App Store.


Developer Forums
Discuss technical topics with other developers and Apple.

Developer Support
Request technical or program support.
[Technical](#) | [Program](#)


iTunes Connect

News


Update to TestFlight
TestFlight now allows you to test apps that support Apple Watch. [Learn more about TestFlight Beta Testing](#) and get the updated TestFlight.




My Apps



App Analytics



Sales and Trends



Payments and Financial Reports

iTunes Connect Dashboard

iTunes Connect

News

Update to TestFlight

TestFlight now allows you to test apps that support Apple Watch. [Learn more about TestFlight Beta Testing](#) and get the updated **TestFlight** app.



My Apps



App Analytics



Sales and Trends



Payments and
Financial Reports



iAd



Users and Roles

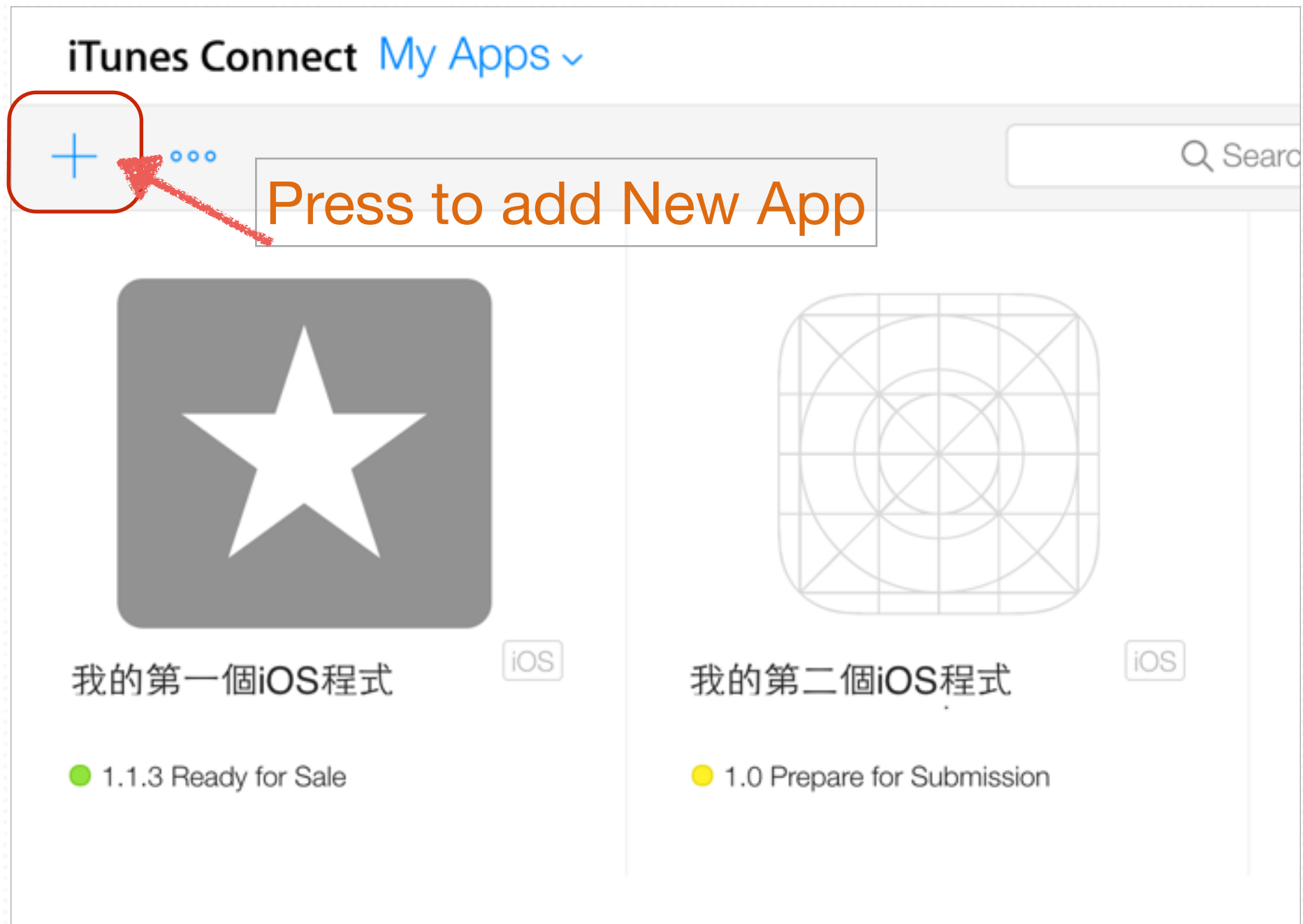


Agreements, Tax,
and Banking



Resources and
Help

Create a New App



Create a New App

New iOS App

Name ?

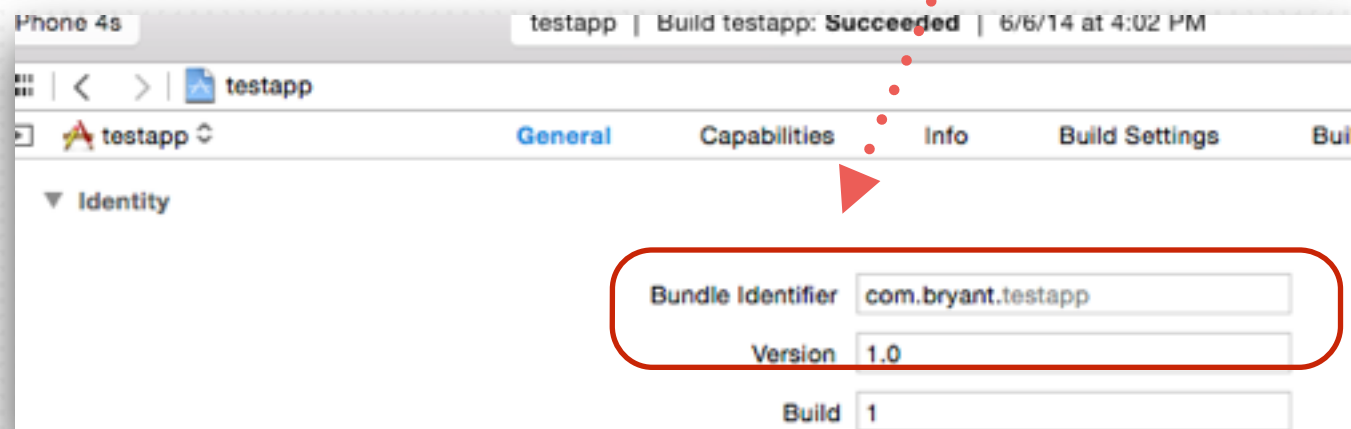
Version ?

Primary Language ?

SKU ?

Bundle ID ?

Register a new bundle ID on the [Developer Portal](#).



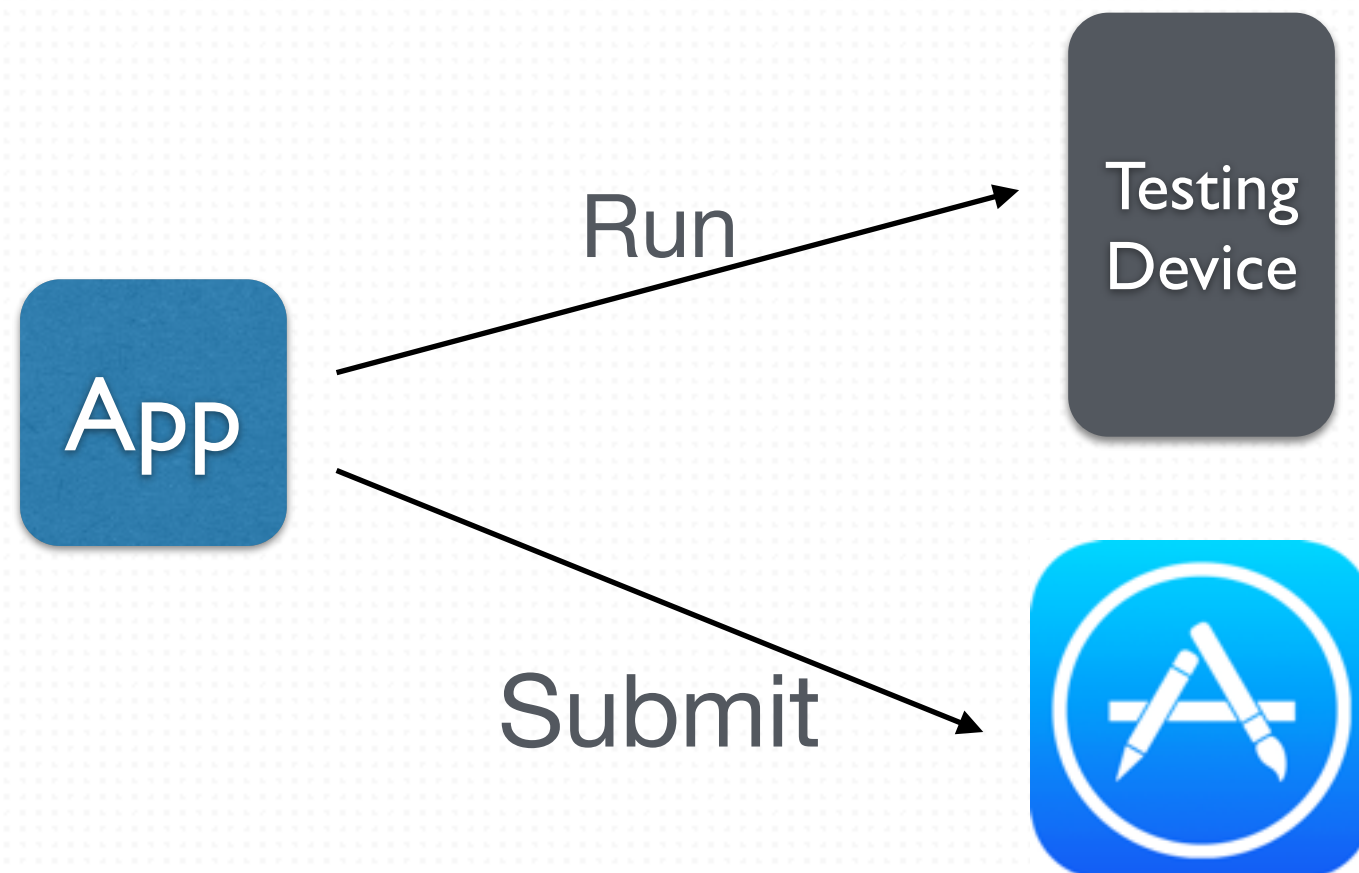
Create new Bundle ID

Certificates, App ID, Devices ID & Provisioning Profiles

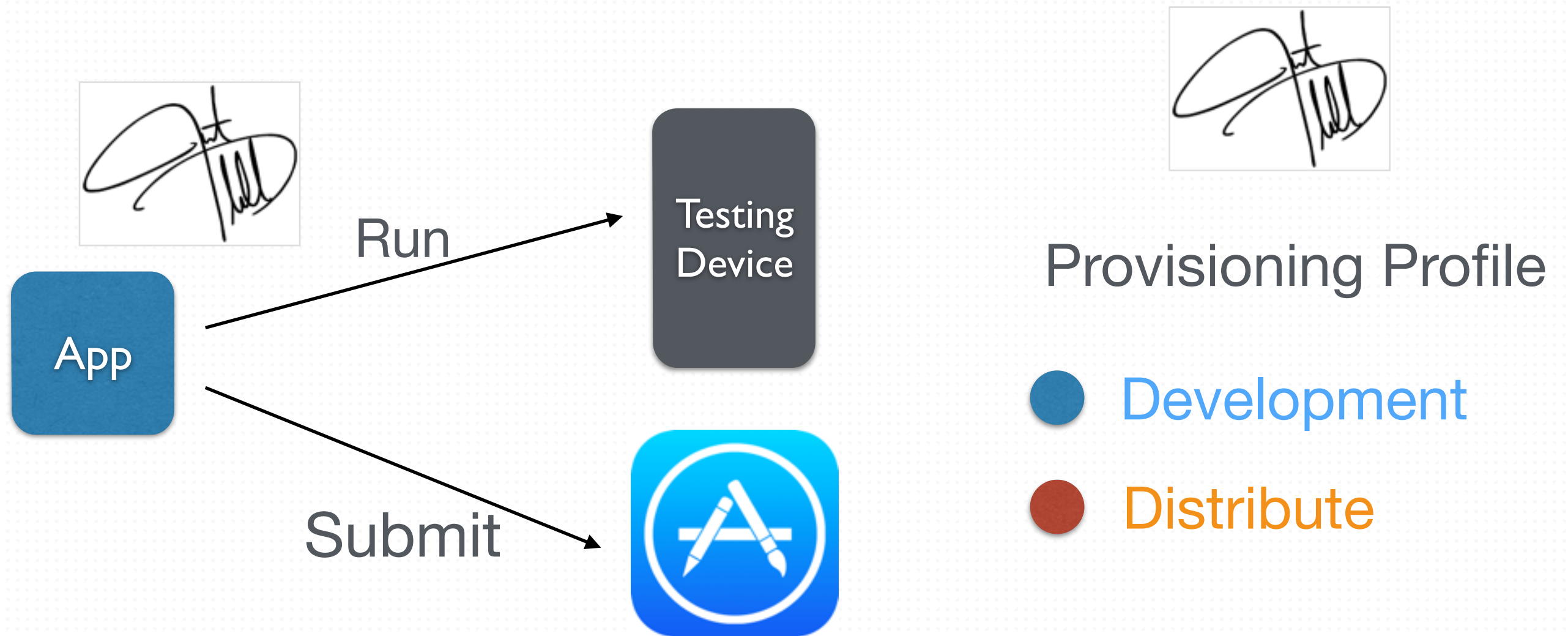
Certificates, Identifiers, devices & Profiles

Why?

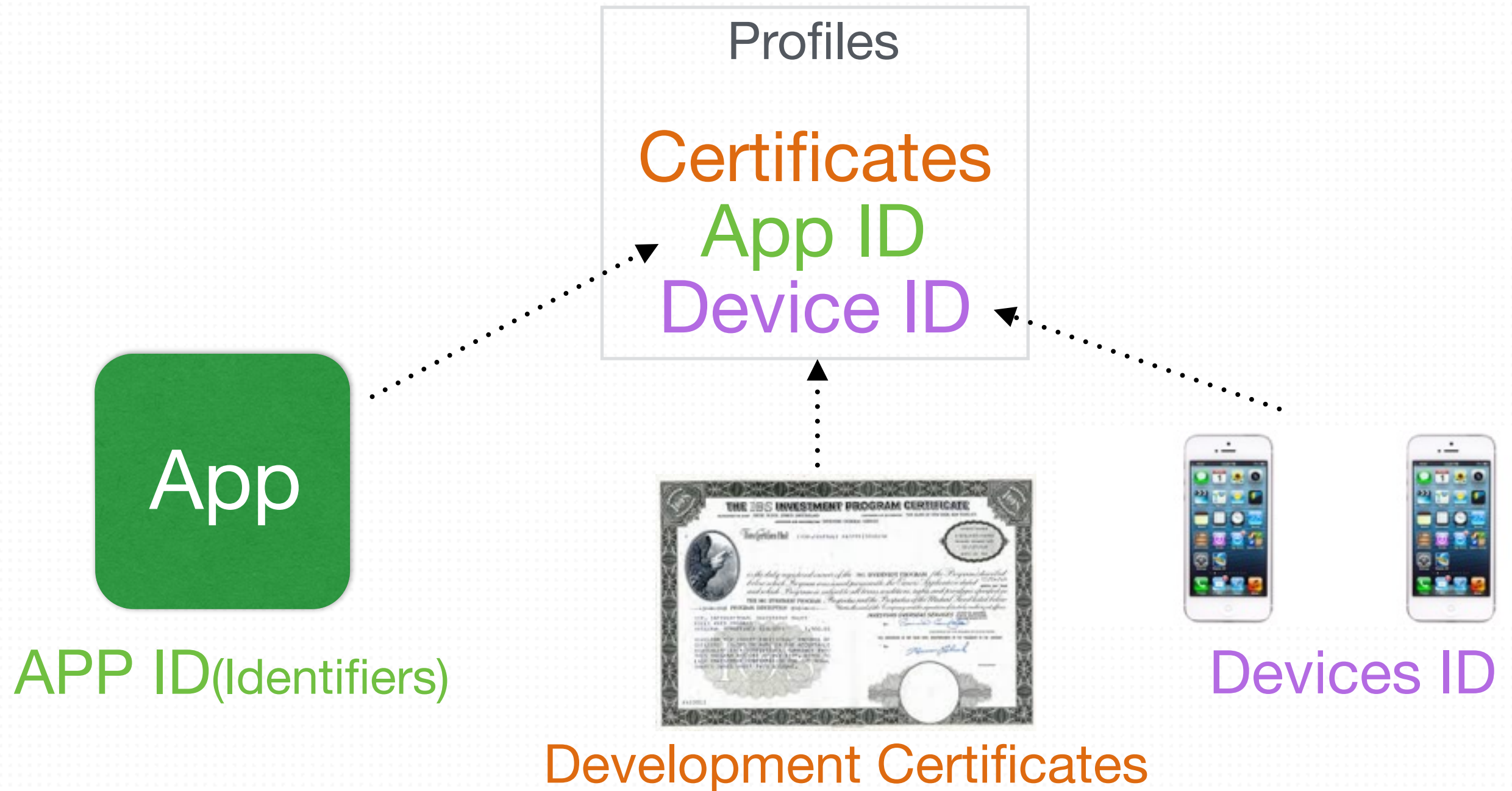
- To launch on a device
- To distribute for testing
- To submit to the store



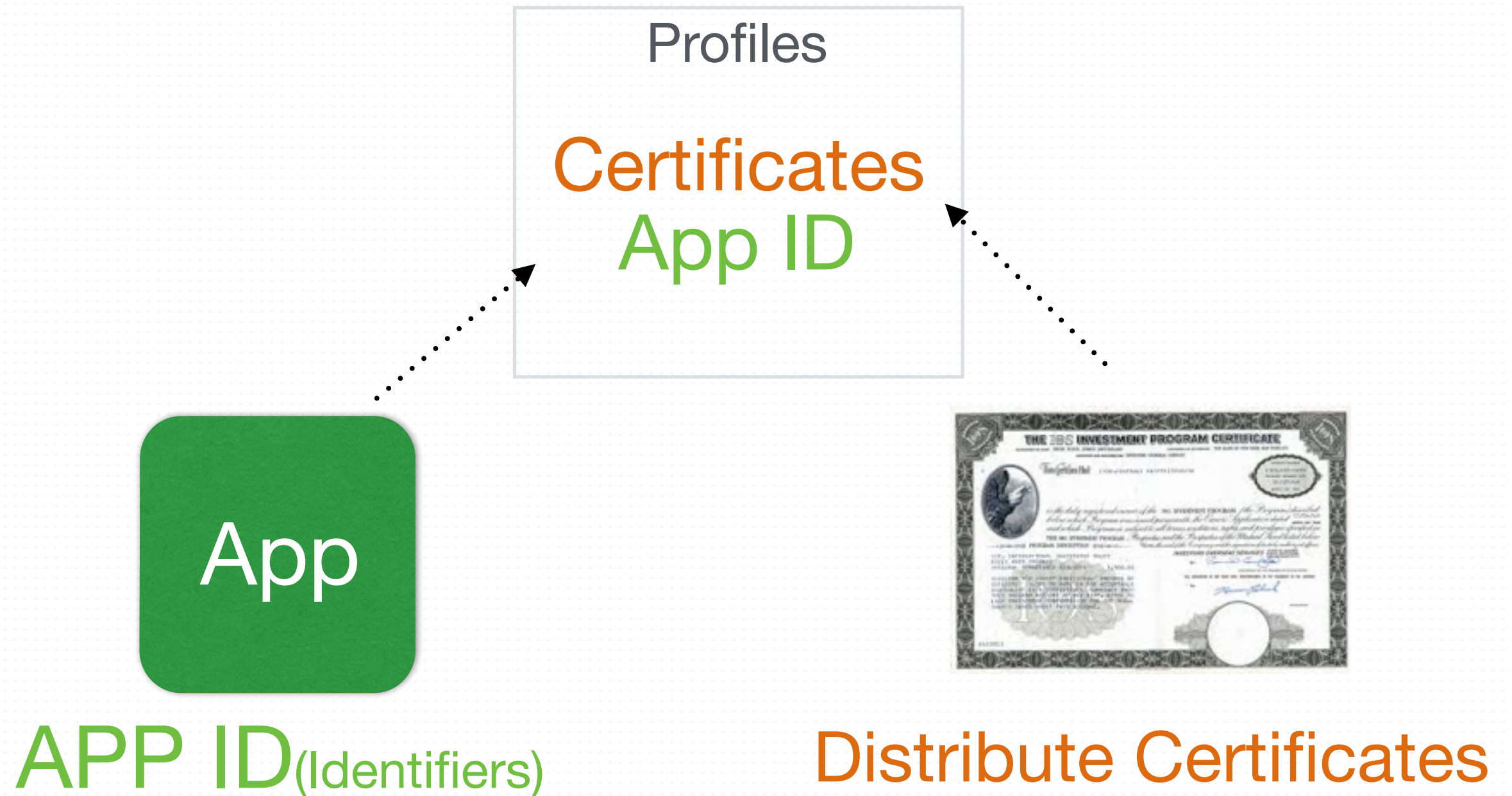
Certificates, Identifiers, devices & Profiles



Development Profiles



Distribute Profiles



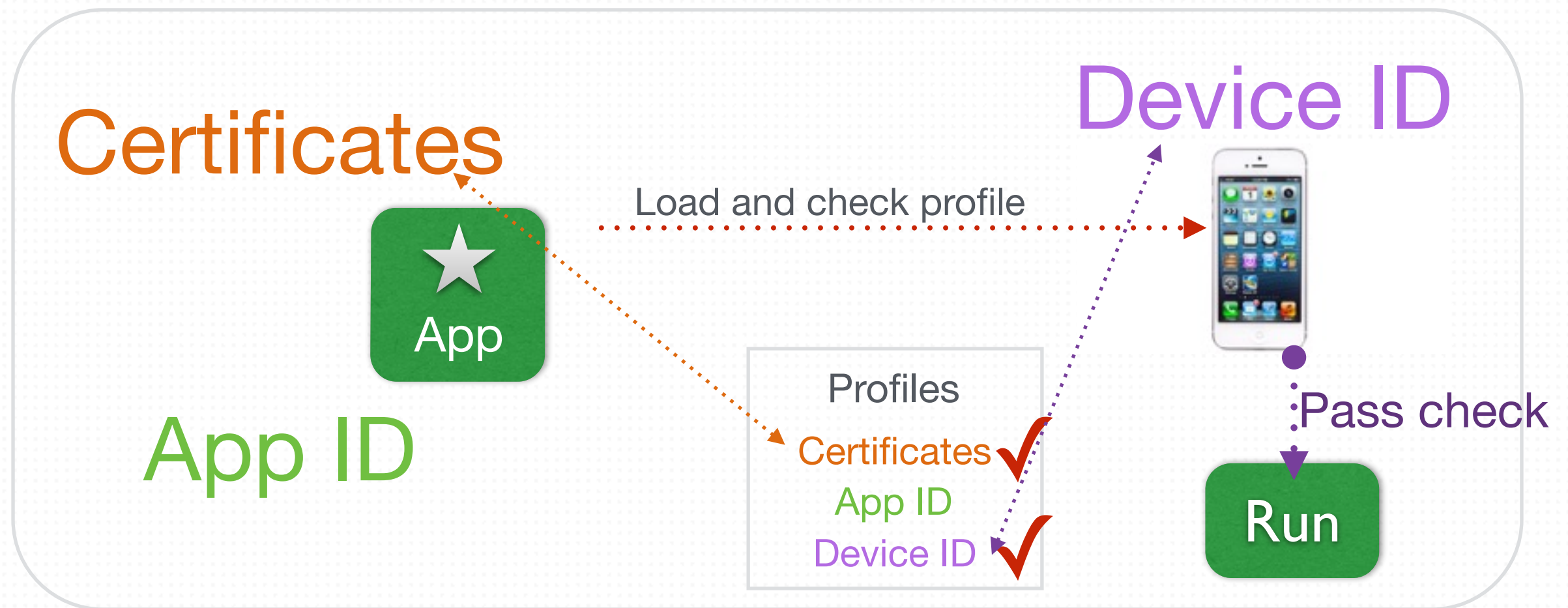
How to generate a **Provisioning Profile**

- Procedure

- Apply an app ID of your app
- Generate a certificate of your development computer
- Import the id of your testing devices
- Generate a profile by including those three things above

Certificates, Identifiers & Profiles

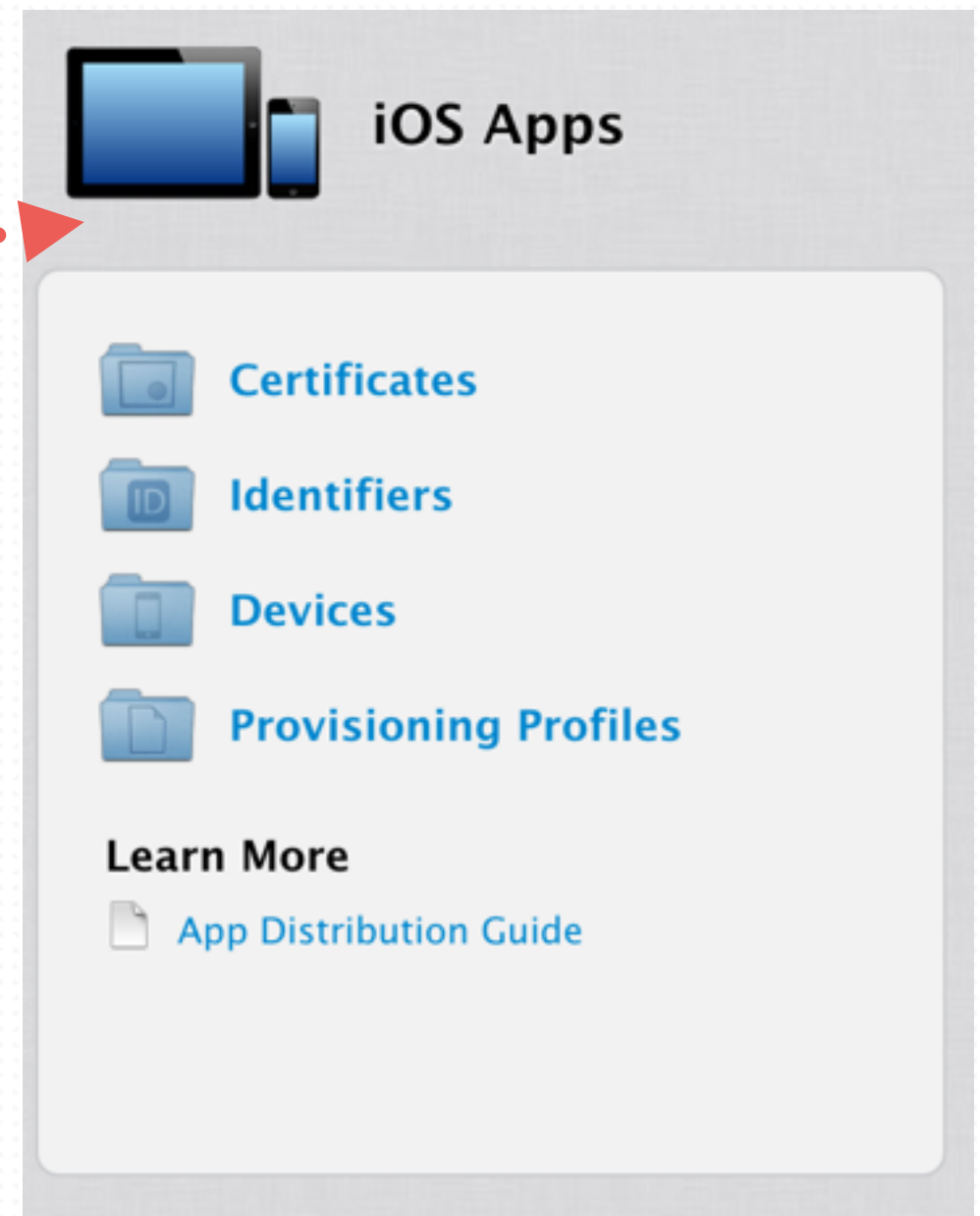
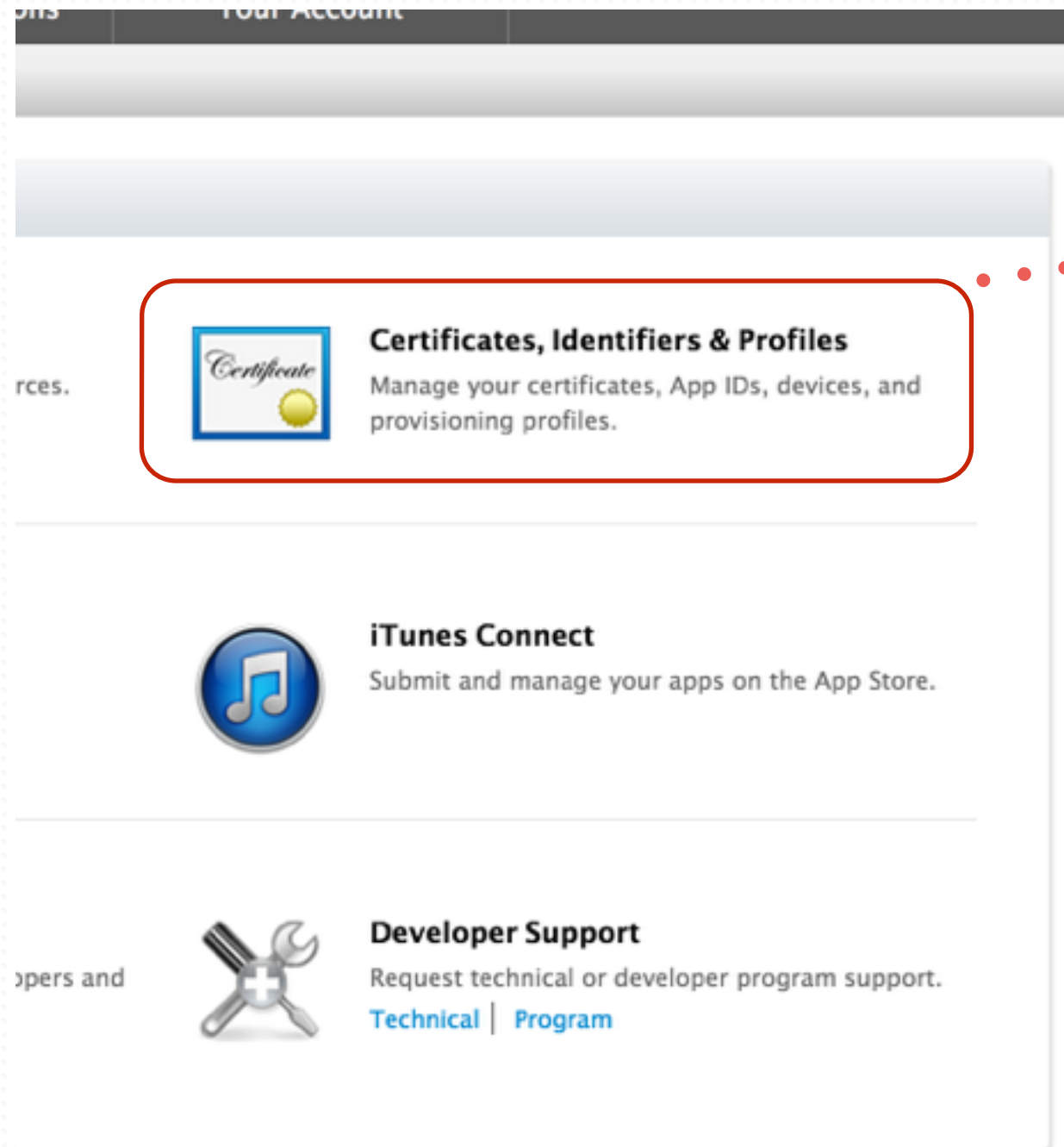
Example for loading app on device:



- ✓ To verify the Certificates
- ✓ To verify the App id
- ✓ To verify the Device ID

Certificates, Identifiers & Profiles

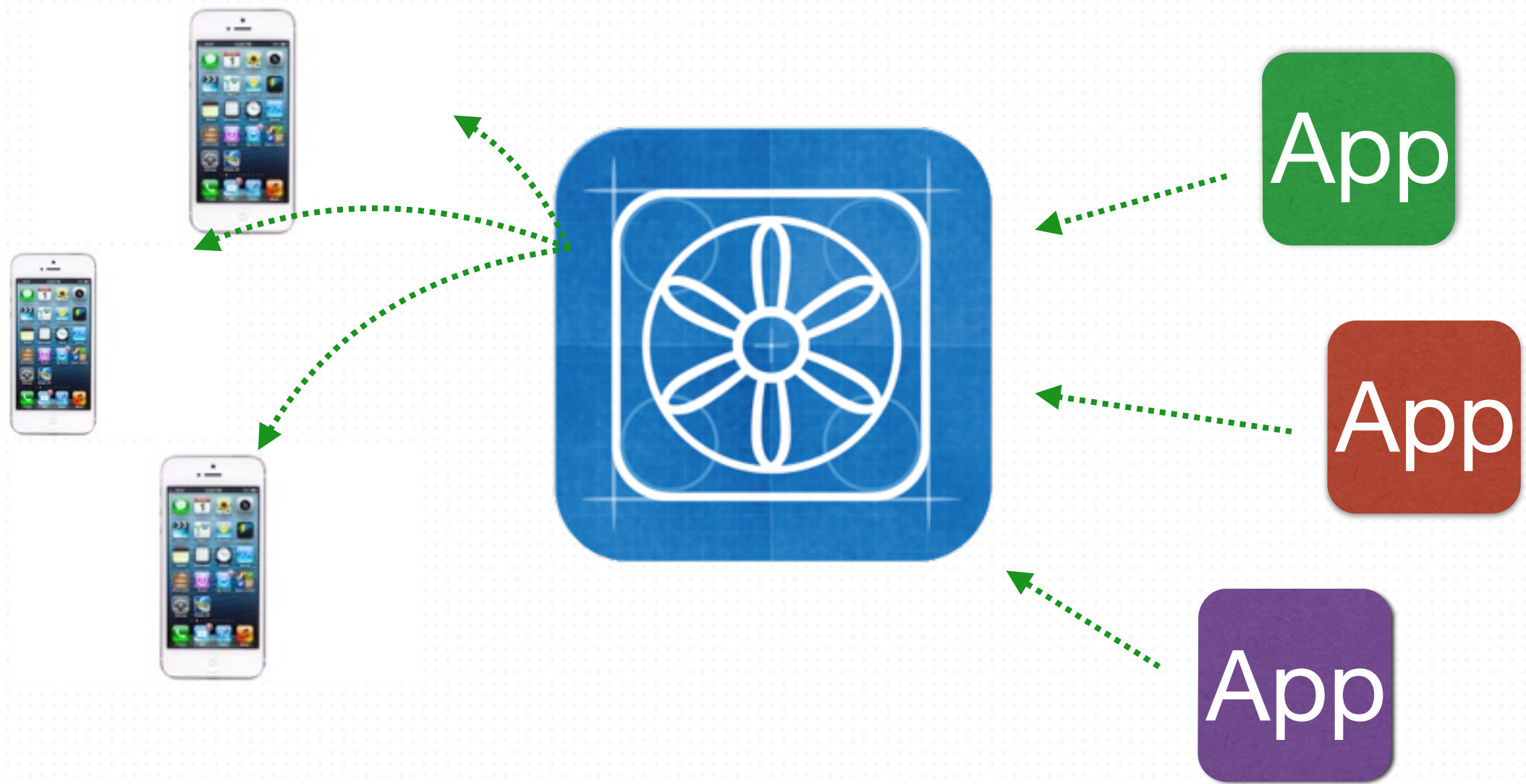
Where to generate



Testing Your App

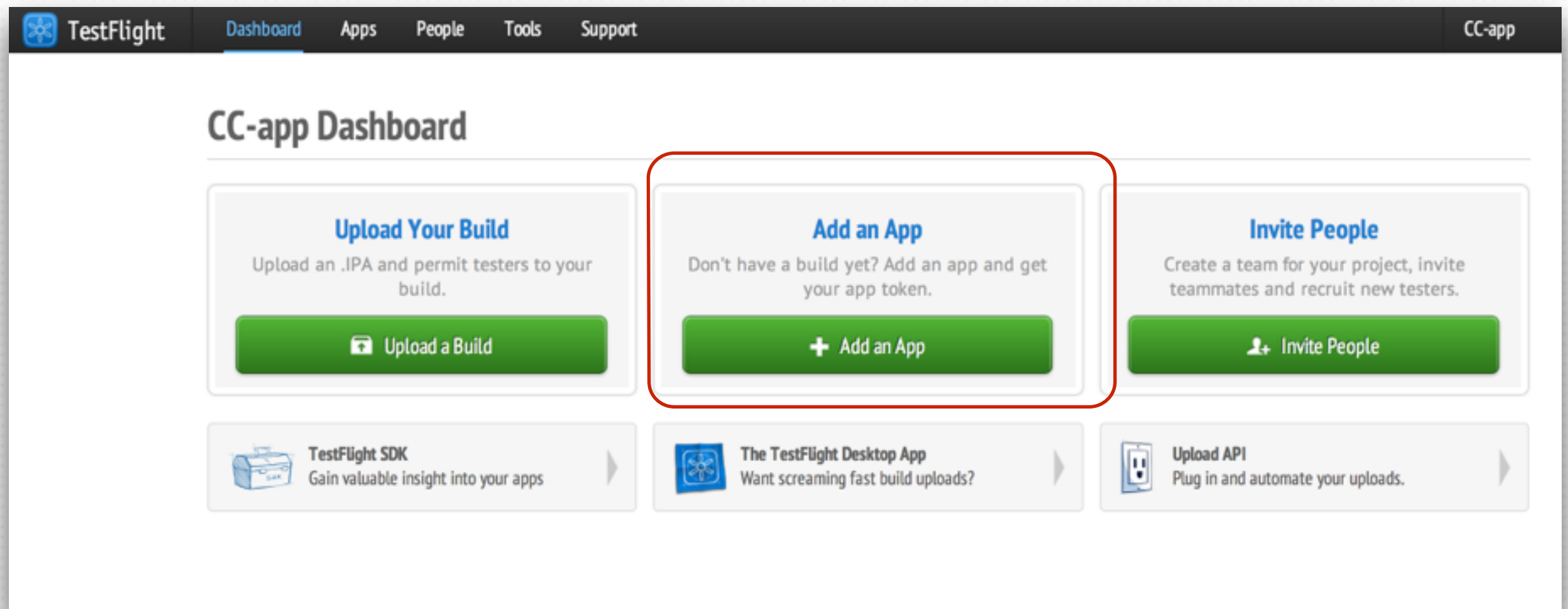
Testing your app

- Testing platform - TestFlight




Testing your app

- Add your app for testing first



Testing your app

- Add your app for testing first



Add an App

Add an app for CC-app, generate an app token, and implement your SDK before uploading a build.

App Name*
Choose a unique app name.

BundleID*
All builds uploaded with the same BundleID will be grouped within this app.

Platform*

iOS

Save »

Testing your app

- Upload you app for testing

The image shows the TestFlight web interface. The top navigation bar includes 'TestFlight', 'Dashboard', 'Apps', 'People', 'Tools', 'Support', and a user profile 'CC-app'. The main content area is titled 'CC-app Dashboard' and features three primary action buttons: 'Upload Your Build', 'Add an App', and 'Invite People'. The 'Upload Your Build' button is highlighted with a red rectangle. Below it, a red arrow points to the 'Upload Build' modal window. This modal contains a section for 'Build file (IPA)' with a maximum size of 800MB and a link for 'Having trouble creating an IPA?'. It also has a 'Release Notes' section. A red rectangle highlights the file upload area, which includes a dashed border and the text 'Drop your IPA here or click to select a file'. At the bottom of the modal, there is a link 'Don't have a build yet? Manually add an app' and an 'Upload' button. The footer of the modal promotes 'The TestFlight Desktop App for iOS'.

TestFlight Dashboard Apps People Tools Support CC-app

CC-app Dashboard

Upload Your Build
Upload an .IPA and permit testers to your build.

Upload a Build

Add an App
Don't have a build yet? Add an app and get your app token.

Invite People
Create a team for your project, invite teammates and recruit new testers.

Upload Build

Upload your build file to CC-app. Builds will be grouped into apps by bundleID.

Build file (IPA)
Maximum size: 800MB.
Having trouble [creating an IPA?](#)

Release Notes
What's new in this build?

Drop your IPA here or click to select a file

Don't have a build yet? [Manually add an app](#)

Upload

The TestFlight SDK
Gain valuable insight into your apps

The TestFlight Desktop App for iOS
Want screaming fast build uploads?

Distribute

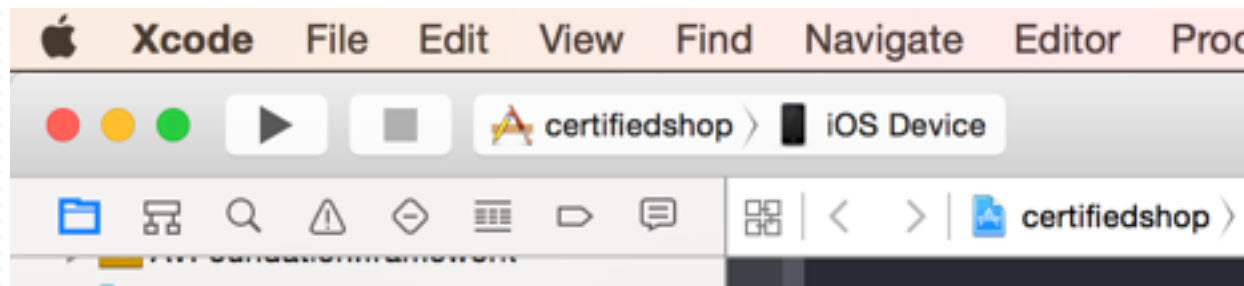
Distribute

- Procedure

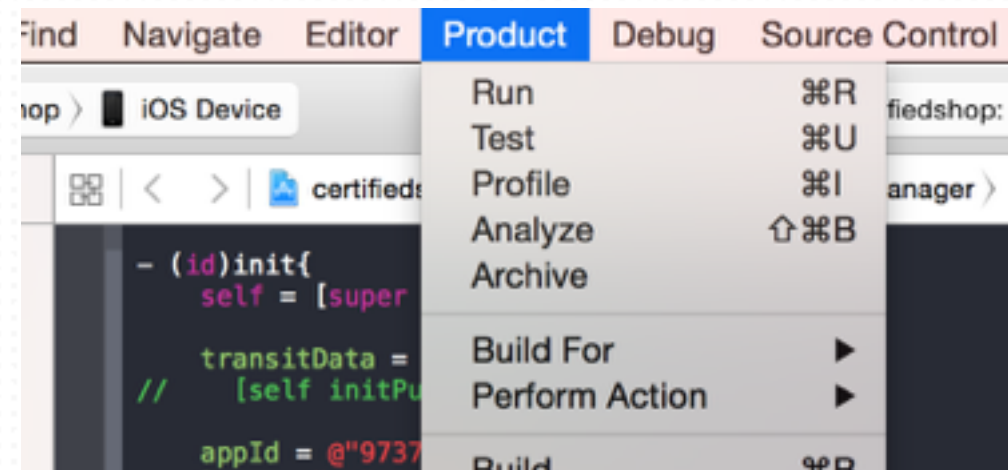
- ✓ Generate Certificate for distribute
- ✓ Generate Provisioning Profile for distribute
- ✓ Add new app in iTunes connect
- ✓ Prepare app information for submit (App Name, Description, What's New in this Version, screenshot...)
- ✓ Compile your app for submit using Archives

Distribute in Xcode

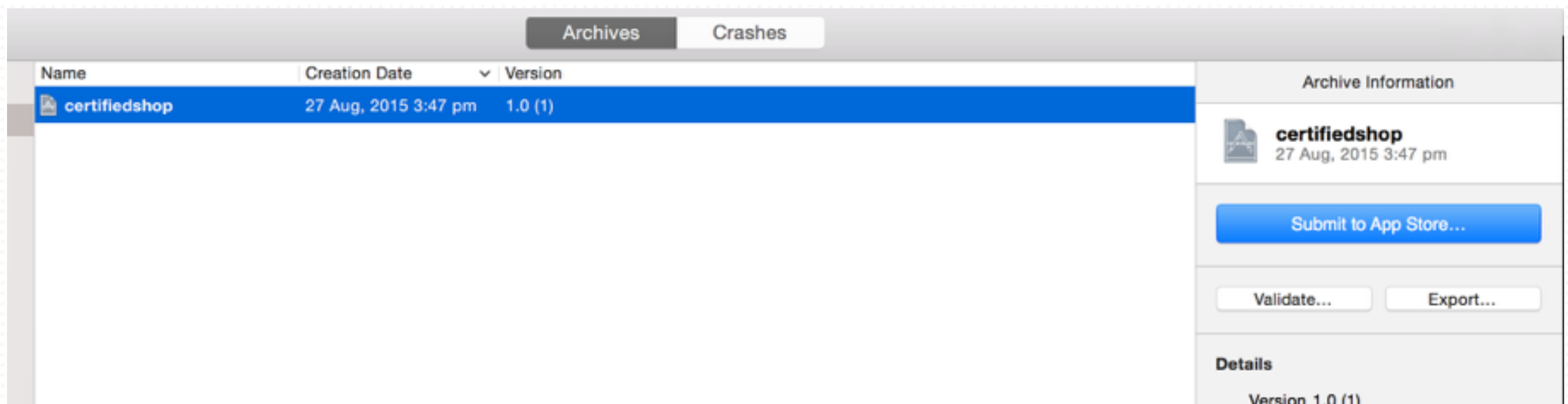
1. Select **iOS Device** for run



2. Select **Archive**



3. Press **Submit to App Store...**



Managing your app

Manage your app

- Management items
 - ✓ Update a new version of your app
 - ✓ Transfer app to another developer account
 - ✓ Report (Sales and Trends, Payments and Financial Reports)

It's your time to showoff

See you next time