



Social Media Apps Programming

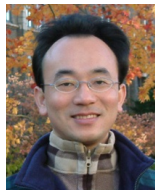
jQuery Mobile/PhoneGap

1051SMAP08

TLMXM1A (8648) (M2143) (Fall 2016)

(MIS MBA) (2 Credits, Elective) [Full English Course]

Wed 8,9 (15:10-17:00) B310



Min-Yuh Day, Ph.D.

Assistant Professor

Department of Information Management

Tamkang University

<http://mail.tku.edu.tw/myday>

2016-11-02



Course Schedule (1/3)

Week	Date	Subject/Topics
1	2016/09/14	Course Orientation and Introduction to Social Media and Mobile Apps Programming
2	2016/09/21	Introduction to Android / iOS Apps Programming
3	2016/09/28	Developing Android Native Apps with Java (Eclipse) (MIT App Inventor)
4	2016/10/05	Developing iPhone / iPad Native Apps with Swift (XCode)
5	2016/10/12	Mobile Apps using HTML5/CSS3/JavaScript
6	2016/10/19	jQuery Mobile

Course Schedule (2/3)

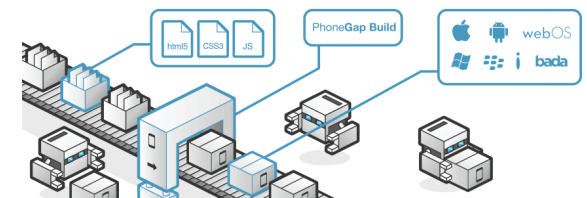
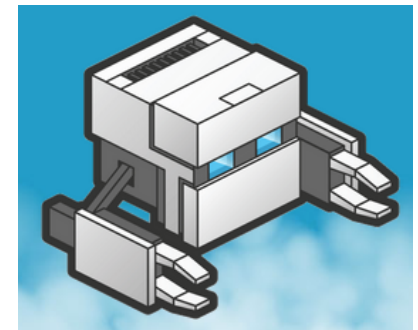
Week	Date	Subject/Topics
7	2016/10/26	Create Hybrid Apps with PhoneGap
8	2016/11/02	jQuery Mobile/PhoneGap
9	2016/11/09	jQuery Mobile/PhoneGap
10	2016/11/16	Midterm Exam Week (Midterm Project Report)
11	2016/11/23	Case Study on Social Media Apps Programming and Marketing in Google Play and App Store
12	2016/11/30	Invited Speaker: Prof. Yoshinobu Kano, Associate Professor, Faculty of Informatics, Shizuoka University

Course Schedule (3/3)

Week	Date	Subject/Topics
13	2016/12/07	Google Cloud Platform
14	2016/12/14	Google App Engine and Google Map API
15	2016/12/21	Facebook API (Facebook JavaScript SDK) (Integrate Facebook with iOS/Android Apps)
16	2016/12/28	Twitter API
17	2017/01/04	Final Project Presentation
18	2017/01/11	Final Exam Week (Final Project Presentation)

Outline

- jQuery Mobile/PhoneGap
 - HTML5, CSS3, JavaScript
 - jQuery Mobile
 - PhoneGap
 - PhoneGap Build
 - index.html, css, js, png
 - config.xml
- Demo
 - Create Hybrid Apps with PhoneGap
 - Testing iOS and Android Devices



Android /iOS Apps Programming

Native Apps

Hybrid Apps

Mobile Web Apps



App Development Comparison



Native Apps

Full

Very Fast

Expensive

Available

Mandatory

Hybrid Apps

Full

Native Speed as Necessary

Reasonable

Available

Low Overhead

Web Apps

Partial

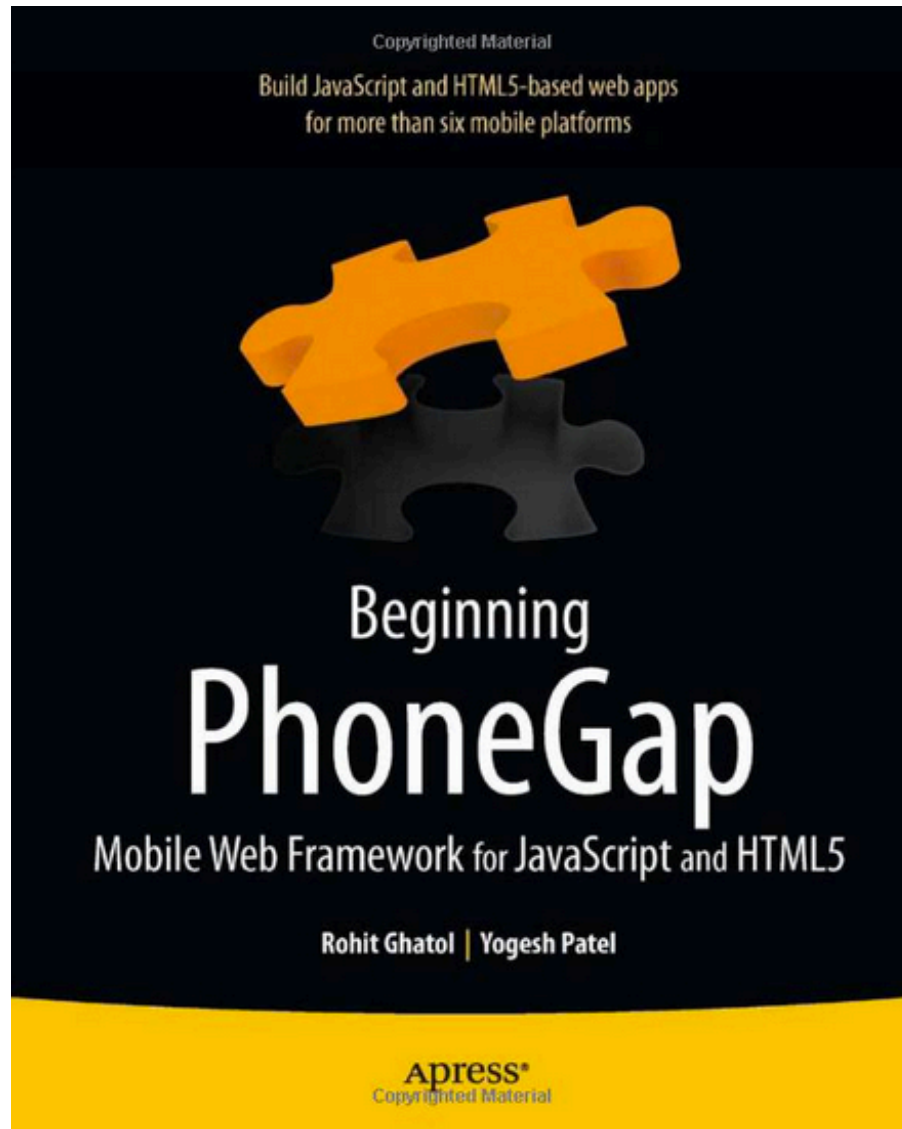
Fast

Reasonable

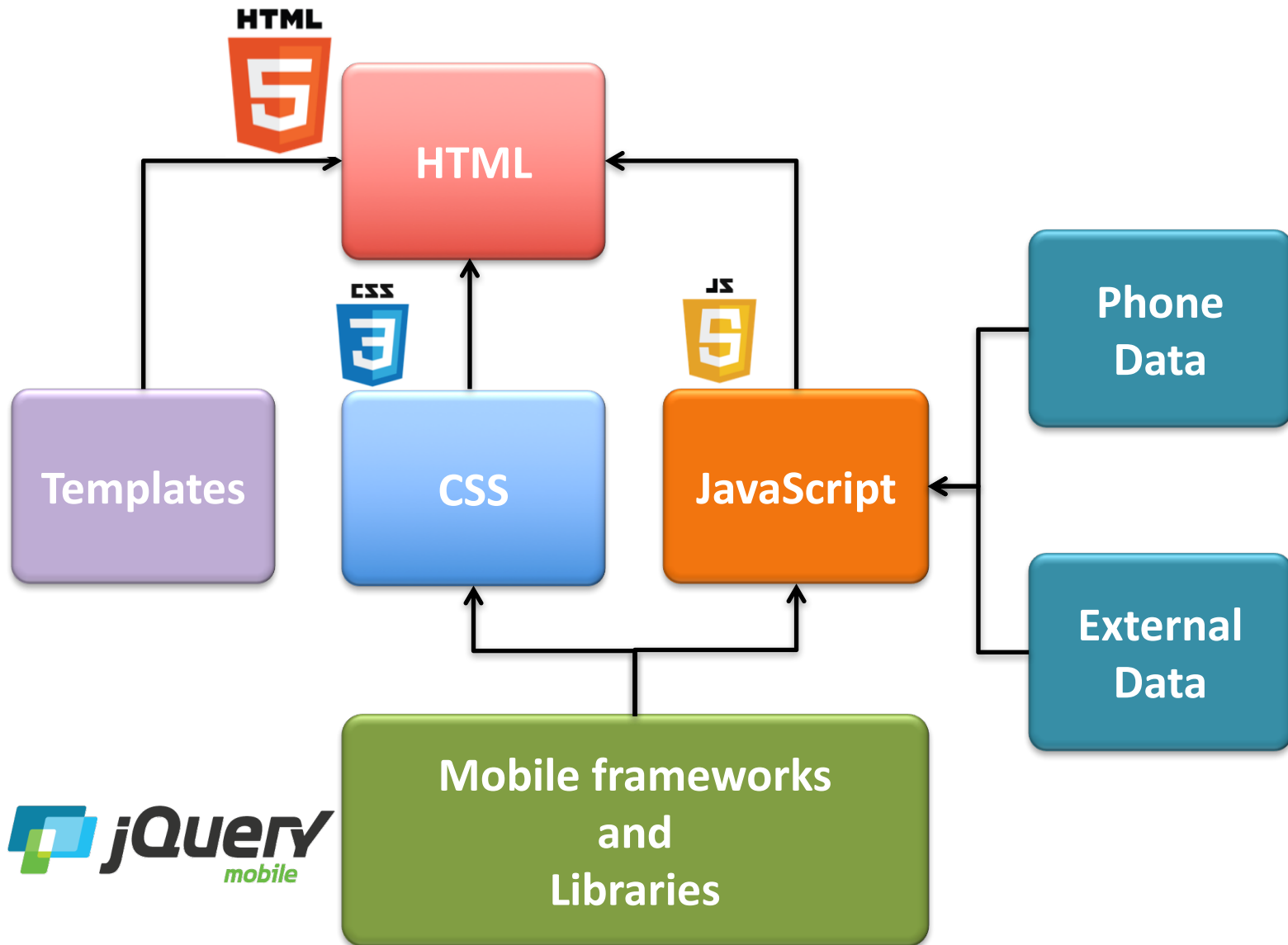
Not Available

None

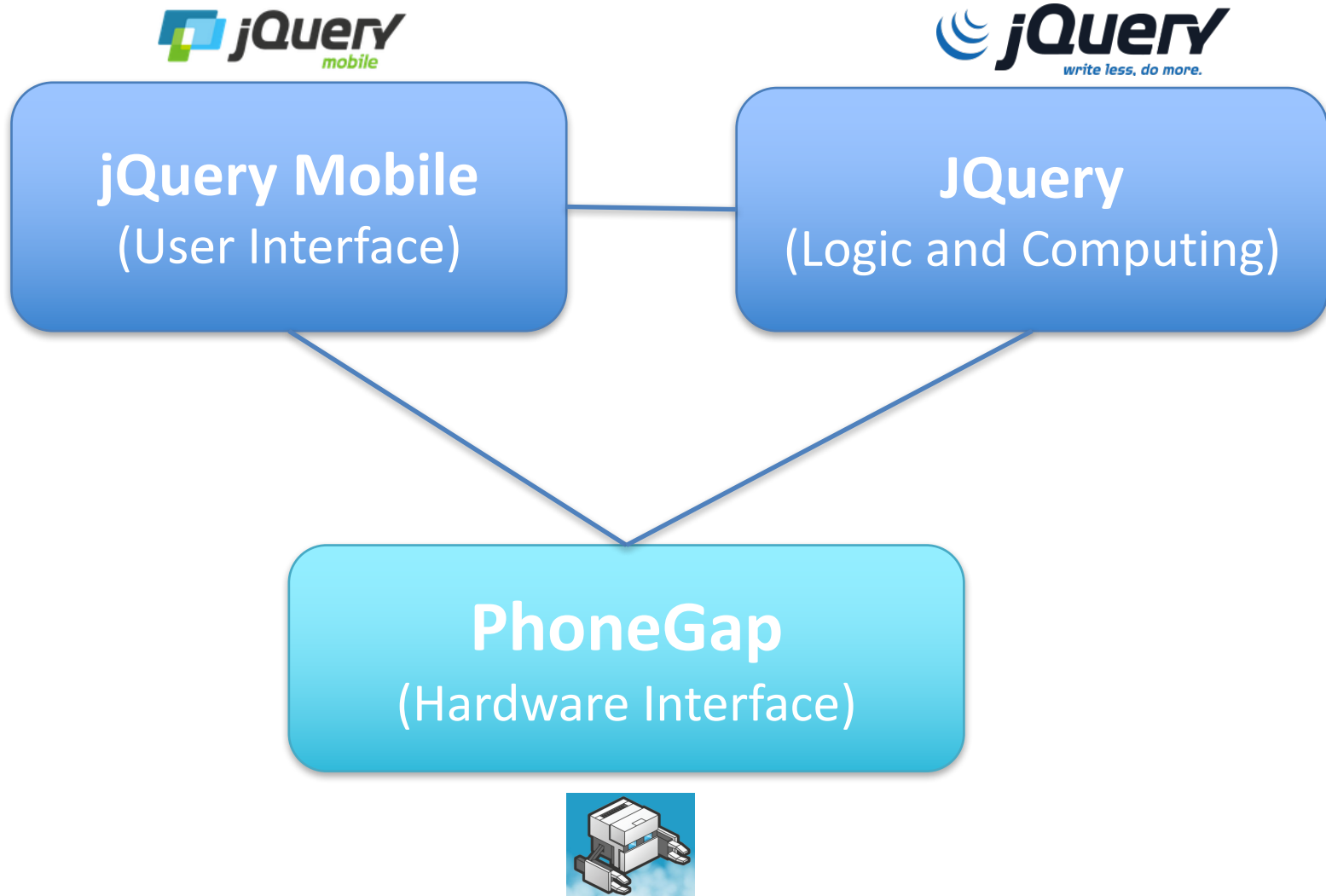
Beginning PhoneGap: Mobile Web Framework for JavaScript and HTML5, Rohit Ghatol & Yogesh Patel, Apress, 2012



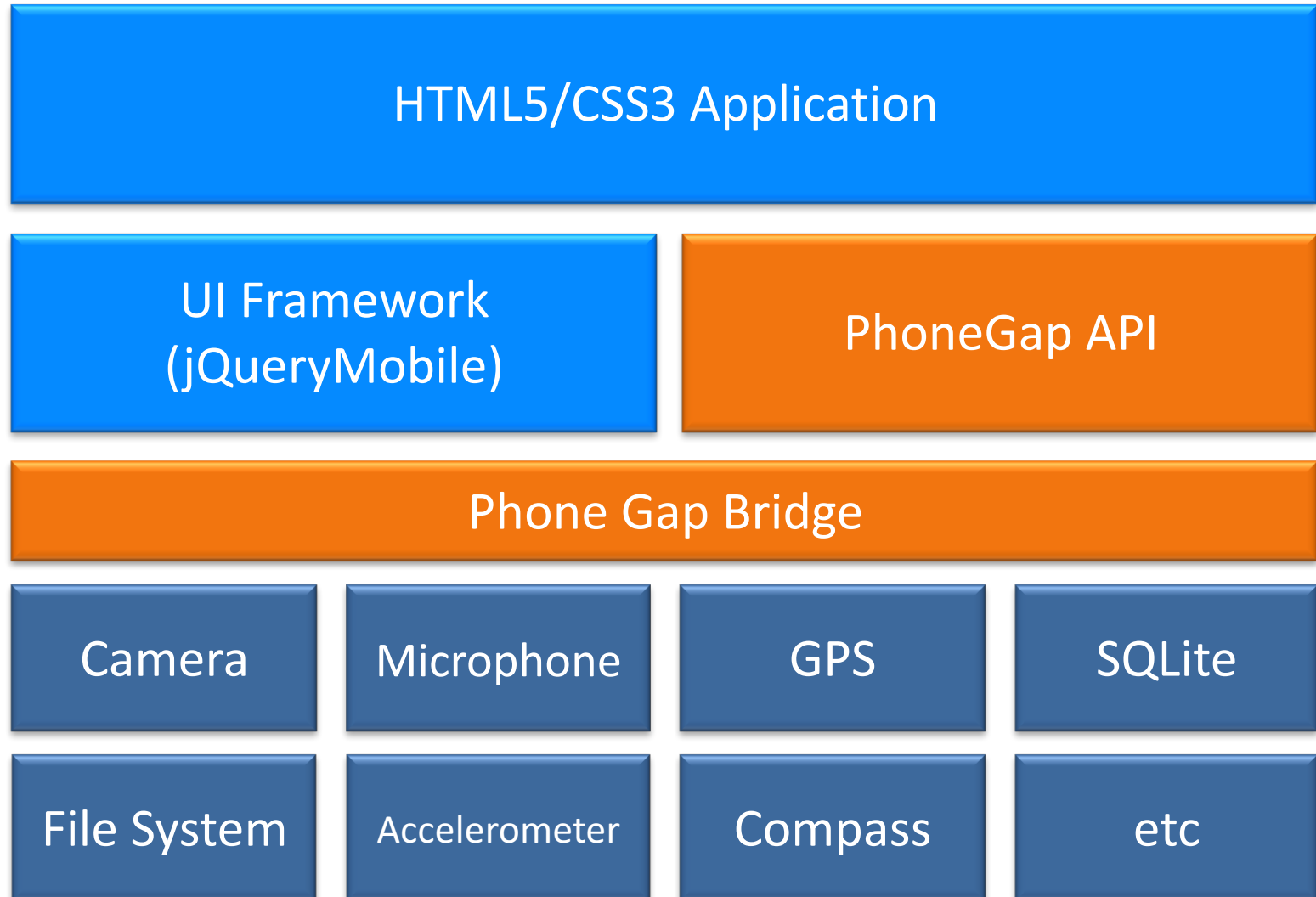
Mobile Web App

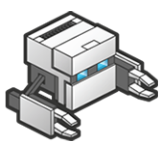


PhoneGap, jQuery Mobile, jQuery



PhoneGap App Architecture





PhoneGap API Documentation

PhoneGap API Documenta x

docs.phonegap.com/en/3.5.0/index.html

☆ ☰

PhoneGap Documentation

3.5.0

Home

Guides

Overview

Platform Support

The Command-Line Interface

Platform Guides

Using Plugman to Manage Plugins

The config.xml File

Icons and Splash Screens

Embedding WebViews

Plugin Development Guide

Privacy Guide

Security Guide

Whitelist Guide

Storage

Next Steps

Keyword Index

API Reference

Guides

Overview

Start here if you are new to Cordova. Includes installation and next steps.

Platform Support

Compatibility table for all major features.

The Command-Line Interface

Create, build, and deploy from the command-line.

Platform Guides

Set up each platform SDK and update projects.

Using Plugman to Manage Plugins

Manage plugins without the CLI when using the platform-centered workflow.

The config.xml File

Customize your app's features.

Icons and Splash Screens

Customize your app's displaying images.

Embedding WebViews

Implement the Cordova WebView in your native project.

Plugin Development Guide

Develop your own plugin.

Privacy Guide

Learn about important mobile privacy issues.

Security Guide

Information and tips for building a secure application.

Whitelist Guide

Grant an application access to external resources.

Storage

An overview of native storage options.

Next Steps

A look at topics that new Cordova developers will encounter.

Keyword Index

Full index of the documentation.

PhoneGap API: Camera

The screenshot shows a web browser displaying the PhoneGap API documentation for the Camera API. The browser's address bar shows the URL: docs.phonegap.com/en/2.9.0/cordova_camera_camera.md.html#Camera. The page title is "PhoneGap Documentation" and the version is "2.9.0". The page is titled "Camera" and has a sidebar on the left with a list of API references. The main content area is titled "Quick Example" and contains two code snippets. The first snippet shows how to take a photo and retrieve it as a base64-encoded image. The second snippet shows how to take a photo and retrieve the image's file location. Below the second snippet is a section titled "Full Example" which is partially visible.

PhoneGap API Documenta x

docs.phonegap.com/en/2.9.0/cordova_camera_camera.md.html#Camera

PhoneGap Documentation 2.9.0

Camera

API Reference

- Accelerometer
- Camera
- Capture
- Compass
- Connection
- Contacts
- Device
- Events
- File
- Geolocation
- Globalization
- InAppBrowser
- Media
- Notification
- Splashscreen
- Storage
- Guides

Quick Example

Take a photo and retrieve it as a base64-encoded image:

```
navigator.camera.getPicture(onSuccess, onFail, { quality: 50,
  destinationType: Camera DestinationType.DATA_URL
});

function onSuccess(imageData) {
  var image = document.getElementById('myImage');
  image.src = "data:image/jpeg;base64," + imageData;
}

function onFail(message) {
  alert('Failed because: ' + message);
}
```

Take a photo and retrieve the image's file location:

```
navigator.camera.getPicture(onSuccess, onFail, { quality: 50,
  destinationType: Camera DestinationType.FILE_URI });

function onSuccess(imageURI) {
  var image = document.getElementById('myImage');
  image.src = imageURI;
}

function onFail(message) {
  alert('Failed because: ' + message);
}
```

Full Example

```
<!DOCTYPE html>
```

PhoneGap API: Geolocation

PhoneGap API Documentation

docs.phonegap.com/en/2.9.0/cordova_geolocation_geolocation.md.html#Geolocation

PhoneGap Documentation 2.9.0

Geolocation

Quick Example

```
// onSuccess Callback
// This method accepts a Position object, which contains the
// current GPS coordinates
//
var onSuccess = function(position) {
    alert('Latitude: '    + position.coords.latitude          + '\n' +
          'Longitude: '   + position.coords.longitude         + '\n' +
          'Altitude: '    + position.coords.altitude          + '\n' +
          'Accuracy: '    + position.coords.accuracy          + '\n' +
          'Altitude Accuracy: ' + position.coords.altitudeAccuracy + '\n' +
          'Heading: '     + position.coords.heading           + '\n' +
          'Speed: '       + position.coords.speed             + '\n' +
          'Timestamp: '   + position.timestamp                + '\n');
};

// onError Callback receives a PositionError object
//
function onError(error) {
    alert('code: '      + error.code    + '\n' +
          'message: '   + error.message + '\n');
}

navigator.geolocation.getCurrentPosition(onSuccess, onError);
```

Full Example

```
<!DOCTYPE html>
<html>
  <head>
    <title>Device Properties Example</title>

    <script type="text/javascript" charset="utf-8" src="cordova-x.x.x.js"></script>
    <script type="text/javascript" charset="utf-8">

      // Wait for device API libraries to load
      //
      document.addEventListener("deviceready", onDeviceReady, false);
```

PhoneGap API: Storage

The screenshot shows a web browser displaying the PhoneGap API documentation for the Storage API. The browser's address bar shows the URL: docs.phonegap.com/en/2.9.0/cordova_storage_storage.md.html#Storage. The page title is "PhoneGap Documentation" and the version is "2.9.0". The main heading is "Storage".

On the left side, there is a sidebar with the following navigation links:

- API Reference
 - Accelerometer
 - Camera
 - Capture
 - Compass
 - Connection
 - Contacts
 - Device
 - Events
 - File
 - Geolocation
 - Globalization
 - InAppBrowser
 - Media
 - Notification
 - Splashscreen
 - Storage
- Guides

The main content area is titled "Storage" and contains the following information:

- Supported Platforms:
 - BlackBerry WebWorks (OS 6.0 and higher)
 - iOS
 - Tizen
- Quick Example

```
var db = window.openDatabase("test", "1.0", "Test DB", 1000000);
```
- Full Example

```
<!DOCTYPE html>
<html>
<head>
  <title>Storage Example</title>

  <script type="text/javascript" charset="utf-8" src="cordova-x.x.x.js"></script>
  <script type="text/javascript" charset="utf-8">

    // Wait for device API libraries to load
    //
    document.addEventListener("deviceready", onDeviceReady, false);

    // device APIs are available
    //
    function onDeviceReady() {
      var db = window.openDatabase("test", "1.0", "Test DB", 1000000);
    }

  </script>
</head>
<body>
  <h1>Example</h1>
  <p>Open Database</p>
</body>
</html>
```

```

<!DOCTYPE html>
<html>
  <head>
    <title>Storage Example</title>

    <script type="text/javascript" charset="utf-8" src="cordova-x.x.x.js"></script>
    <script type="text/javascript" charset="utf-8">

      // Wait for device API libraries to load
      //
      document.addEventListener("deviceready", onDeviceReady, false);

      // device APIs are available
      //
      function onDeviceReady() {
        var db = window.openDatabase("Database", "1.0", "Cordova Demo", 200000);
        db.transaction(populateDB, errorCallback, successCB);
      }

      // Populate the database
      //
      function populateDB(tx) {
        tx.executeSql('DROP TABLE IF EXISTS DEMO');
        tx.executeSql('CREATE TABLE IF NOT EXISTS DEMO (id unique, data)');
        tx.executeSql('INSERT INTO DEMO (id, data) VALUES (1, "First row")');
        tx.executeSql('INSERT INTO DEMO (id, data) VALUES (2, "Second row")');
      }

      // Transaction error callback
      //
      function errorCallback(tx, err) {
        alert("Error processing SQL: "+err);
      }

      // Transaction success callback
      //
      function successCB() {
        alert("success!");
      }

    </script>
  </head>
  <body>
    <h1>Example</h1>
    <p>Database</p>
  </body>
</html>

```


iOS Certificate (p12) file Provisioning profile

Adobe PhoneGap Build

https://build.phonegap.com/apps/573842/builds

Myday Mobile App

Myday Mobile App for Prof. Min-Yuh Day, Department of Information Management, Tamkang University



Install

Update code Rebuild all

Builds Plugins Collaborators Settings

App ID	Version	PhoneGap	Owned by	Last built (18)	Source
573842	1.0.0	2.9.0	imyday@gmail.com	8 minutes	zip package

Certificates.p12

MydayMobileApp.mobileprovision

iOS No key selected

Rebuild Error

title

certificate (p12) file

Choose File No file chosen

provisioning profile

Choose File No file chosen

cancel submit key

Rebuild apk

Rebuild OTA install

Rebuild wgz

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Find out more

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iOS Certificate (p12) file Provisioning profile

Adobe PhoneGap Build

https://build.phonegap.com/apps/573842/builds

Bd Apps Plugins Docs Blog FAQ Support

Myday Mobile App

Myday Mobile App for Prof. Min-Yuh Day, Department of Information Management, Tamkang University

QR code

Install

Update code Rebuild all

Builds Plugins Collaborators Settings

App ID	Version	PhoneGap	Owned by	Last built (19)	Source
573842	1.0.0	2.9.0	imyday@gmail.com	7 minutes	zip package

Certificates.p12

MydayMobileApp.mobileprovision

unlocked

iOS ✓ Myday Mobile App options

No key selected add a key ...

Rebuild ipa

Rebuild apk

Rebuild OTA install

Rebuild ipk

Rebuild wgz

MydayMobileApp.ipa


Adobe PhoneGap Build

← → ↻ <https://build.phonegap.com/apps/573842/builds> ☆ ☰

Bd Apps Plugins Docs Blog FAQ Support

Myday Mobile App

Myday Mobile App for Prof. Min-Yuh Day, Department of Information Management, Tamkang University



Install

Update code Rebuild all

Builds Plugins Collaborators Settings

App ID	Version	PhoneGap	Owned by	Last built (19)	Source
573842	1.0.0	2.9.0	imyday@gmail.com	1 minute	zip package

ios Myday Mobile App Rebuild ipa

android No key selected Rebuild apk

wp No key selected Rebuild OTA install

hp Rebuild ipk

Rebuild wgz

MydayMobileApp.ipa
3.2/5.4 MB, 7 secs left

Show All

App Distribution on App Store

App Distribution Guide: Ab x

Apple Inc. [US] <https://developer.apple.com/library/ios/documentation/IDEs/Conceptual/AppDistributionGuide/Introduction/Introduction.html>

iOS Developer Library

Developer

App Distribution Guide

Table of Contents

Introduction

- Managing Accounts
- Configuring Your Xcode Project for Distribution
- Adding Capabilities
- Configuring Push Notifications
- Launching Your App on Devices
- Beta Testing Your iOS App
- Analyzing Crash Reports
- Submitting Your App to the Store
- Releasing and Updating Your App on the Store
- Managing Your App in iTunes Connect
- Managing Your Team in Member Center
- Maintaining Your Signing Identities and Certificates
- Maintaining Identifiers, Devices, and Profiles
- Distributing iOS Developer Enterprise Program Applications
- Distributing Applications Outside the Mac App Store
- Troubleshooting
- Revision History
- Glossary

About App Distribution

This guide contains everything you need to know to distribute an app through the App Store or Mac App Store.

- Get step-by-step guidance for enrolling in an Apple Developer Program and building, testing, and submitting your app.
- Configure services that are available only to apps submitted to the App Store or Mac App Store.
- Test your app on multiple devices and system versions, or offer testers a preview of your next release.
- Upload metadata about your app so the store can present it to customers.
- Verify that you've prepared your app correctly, and submit it to the store.
- Learn how to release and maintain your app after submission.

```
graph LR; subgraph Enroll; A[Enroll in Program] --> B[Develop App]; end; subgraph Develop; B --> C[Create App Record]; C --> D[Upload App]; end; subgraph Distribute; D --> E[Beta Test App]; E --> F[Submit App]; F --> G[Release App]; end; A --> B; B --> C; C --> D; D --> E; E --> F; F --> G; style A fill:#f96,stroke:#333,stroke-width:1px; style B fill:#add8e6,stroke:#333,stroke-width:1px; style C fill:#90ee90,stroke:#333,stroke-width:1px; style D fill:#add8e6,stroke:#333,stroke-width:1px; style E fill:#90ee90,stroke:#333,stroke-width:1px; style F fill:#90ee90,stroke:#333,stroke-width:1px; style G fill:#90ee90,stroke:#333,stroke-width:1px;
```

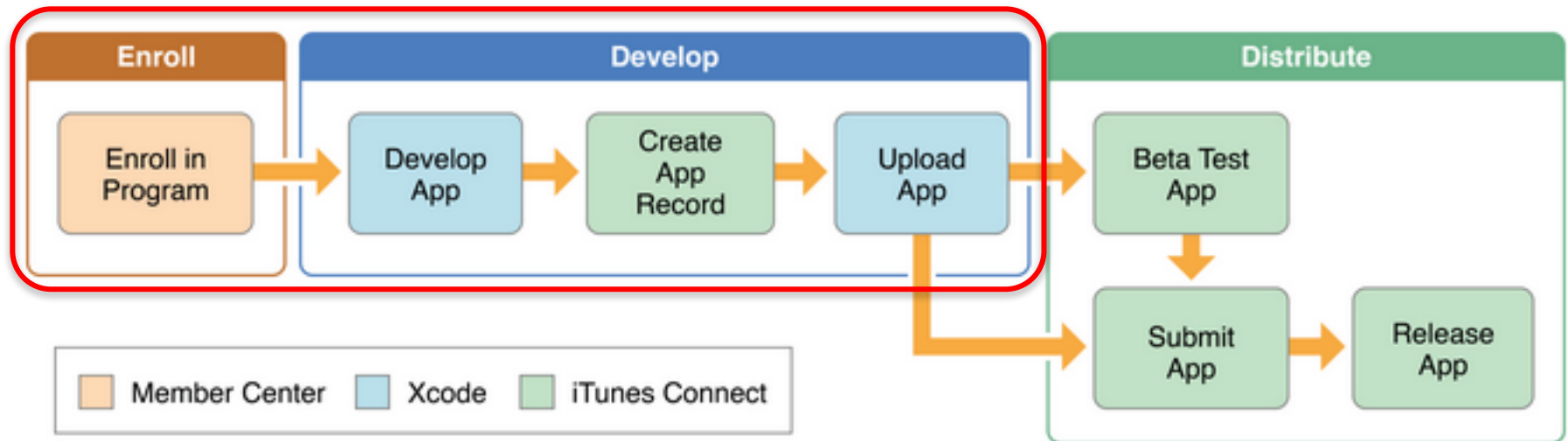
Member Center Xcode iTunes Connect

You perform these tasks using Xcode features and several web tools available only to members of an Apple Developer Program. Before you use certain app services, such as iCloud and Game Center, you must join an Apple Developer Program. You should join a program even if you distribute an application outside of the store so that customers know your application comes from a known source.

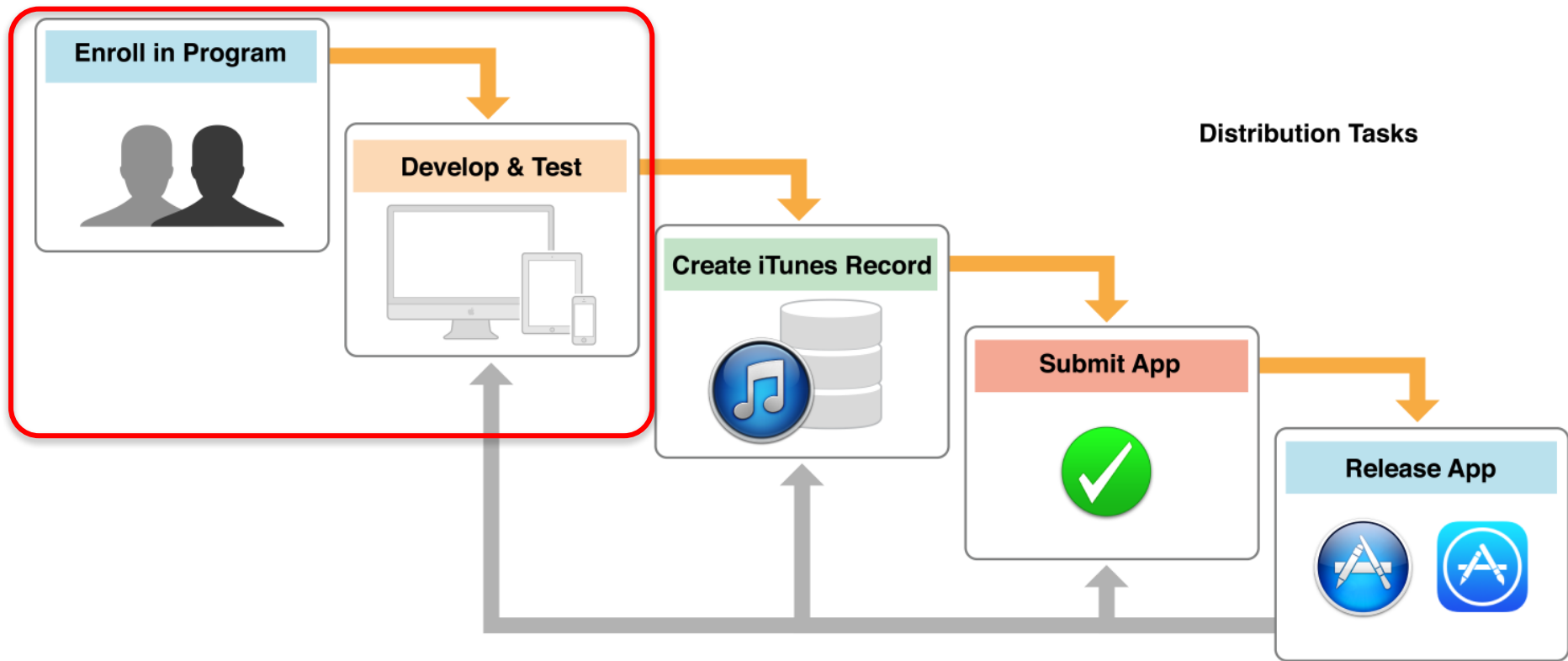
Note: If you just want to use Xcode to run an app on a device or write code that uses a service, read [App Distribution Quick Start](#) first and then return to this document for additional tasks you'll perform throughout the lifetime of your app.

Feedback

Test on iOS Devices (iPhone/iPAD)



Test on iOS Devices (iPhone/iPAD)



Testing iOS App



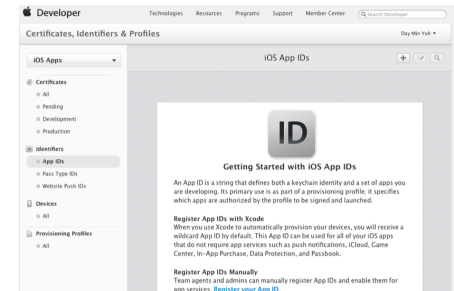
- Provisioning Profile
- Developer Portal
- Code Signing
- Bundle ID
- Keychain Access
- App ID
- Certificates
- Xcode Organizer

Basics of iOS Device Testing

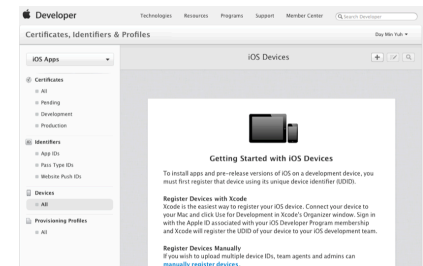
1 You have PERMISSION



2 Your App has PERMISSION

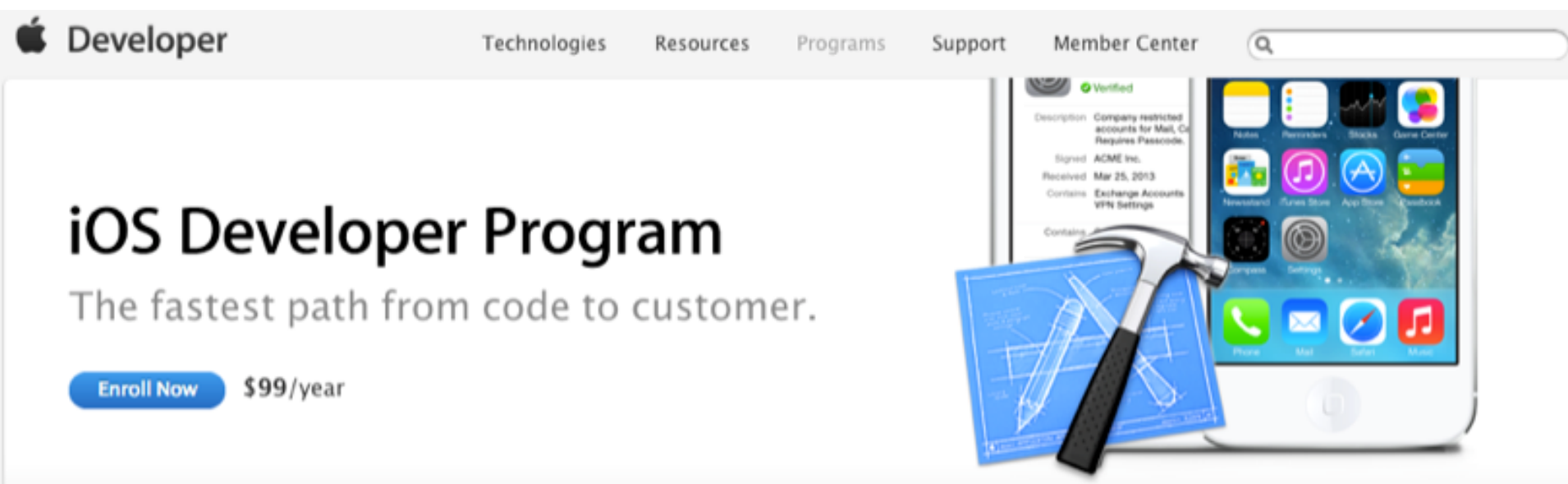


3 Your Device has PERMISSION



1

You have PERMISSION



The image is a screenshot of the Apple Developer Program website. At the top, there is a navigation bar with the Apple logo and the word "Developer" on the left, and links for "Technologies", "Resources", "Programs", "Support", and "Member Center" on the right. A search bar is also present. The main content area features the heading "iOS Developer Program" in a large, bold font, followed by the tagline "The fastest path from code to customer." Below this, there is a blue button labeled "Enroll Now" and the price "\$99/year". On the right side of the main content area, there is a graphic showing a white iPhone with a blue blueprint and a hammer resting on it. The iPhone screen displays various app icons, including Phone, Mail, Safari, Music, Newsstand, iTunes Store, App Store, and Facebook. The blueprint has technical drawings and text, including "Verified", "Description: Company restricted accounts for Mail, Cal...", "Signed: ACME Inc.", "Received: Mar 25, 2013", "Contains: Exchange Accounts, VPN Settings", and "Contains: Company restricted accounts for Mail, Cal...".

Apple Developer

Technologies Resources Programs Support Member Center

iOS Developer Program

The fastest path from code to customer.

[Enroll Now](#) \$99/year

1

You have PERMISSION



Keychain Access

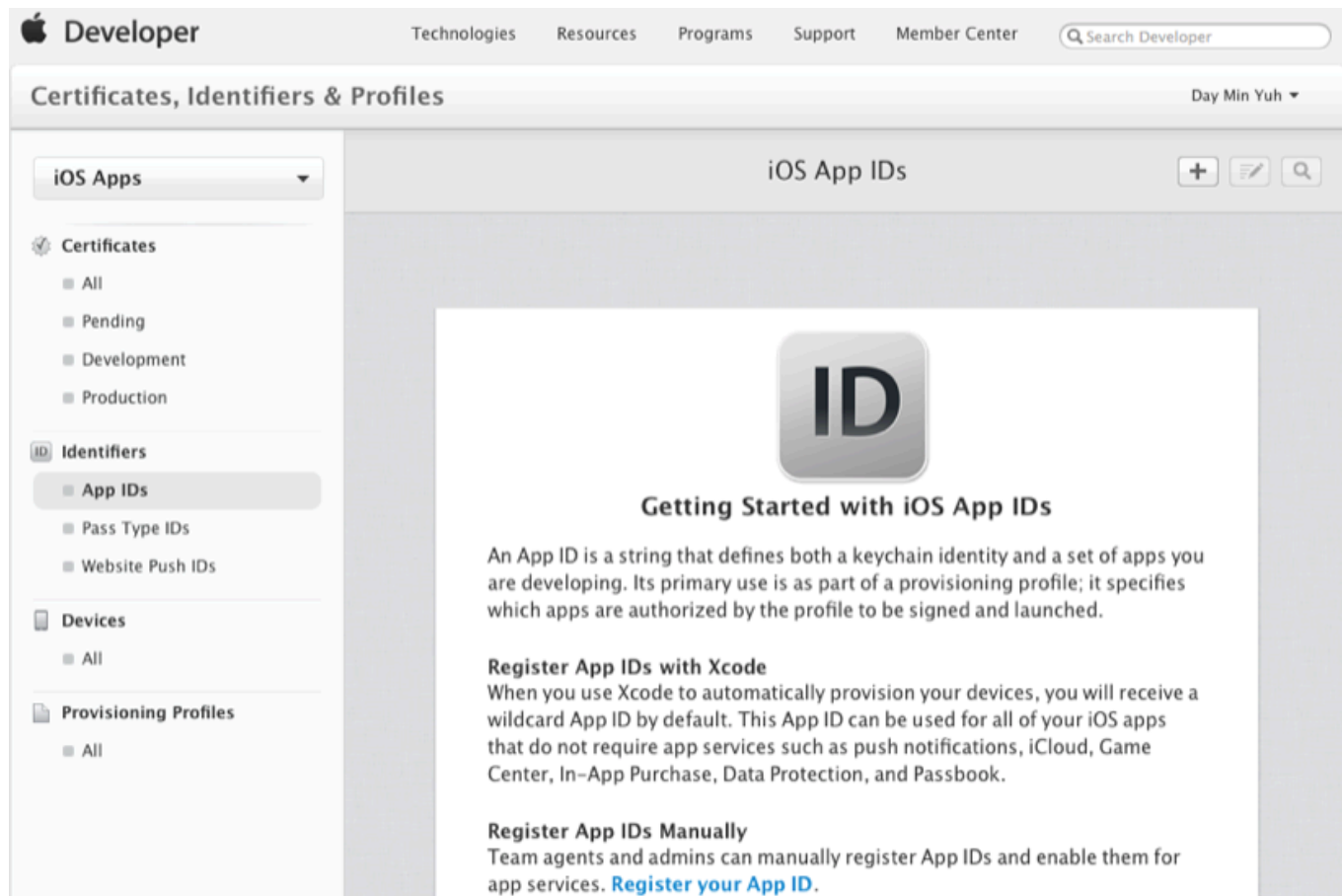


Certificates

2

Your App has PERMISSION

com.myDomain.myApp



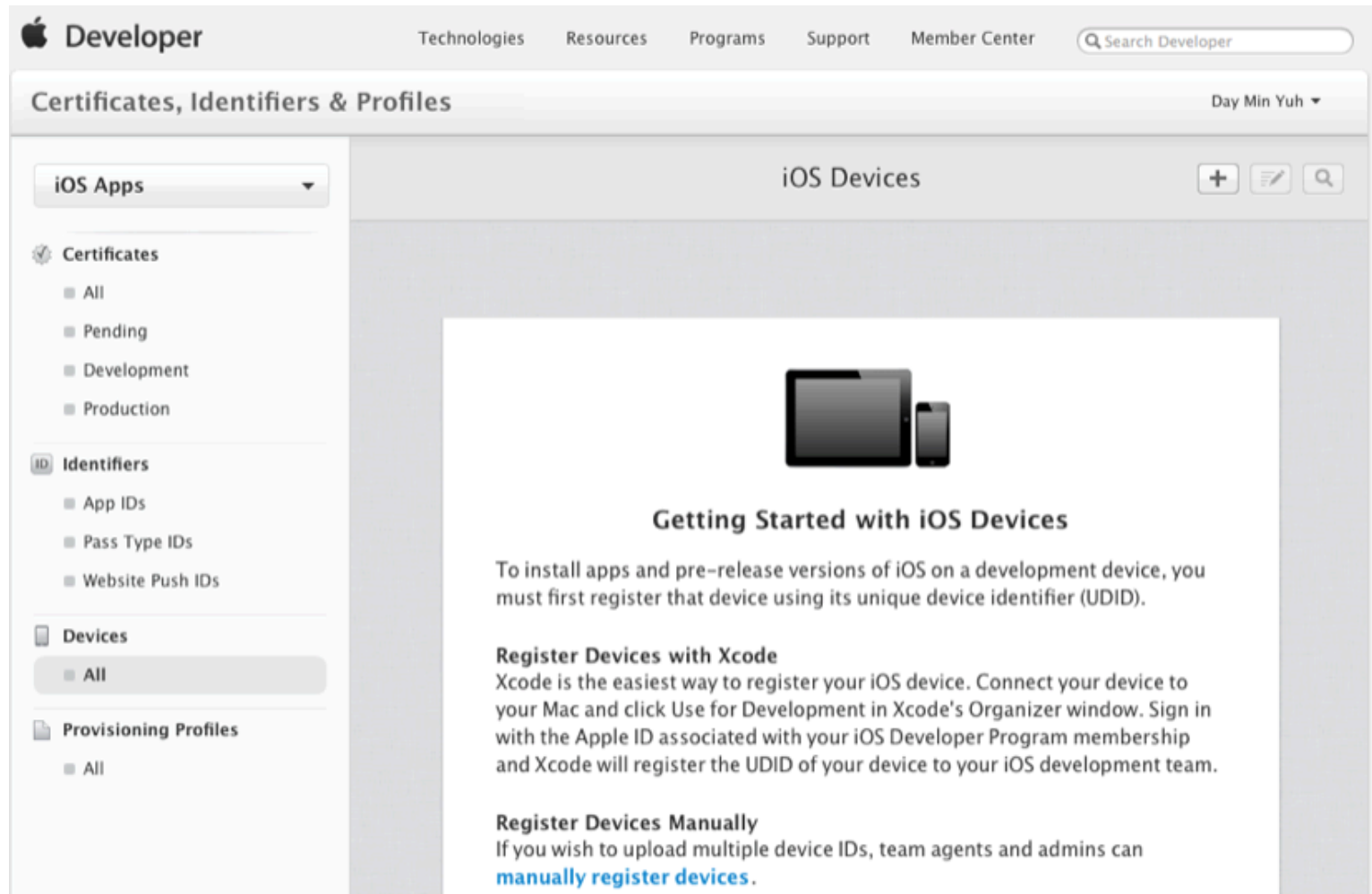
3

Your Device has PERMISSION



3

Your Device has PERMISSION

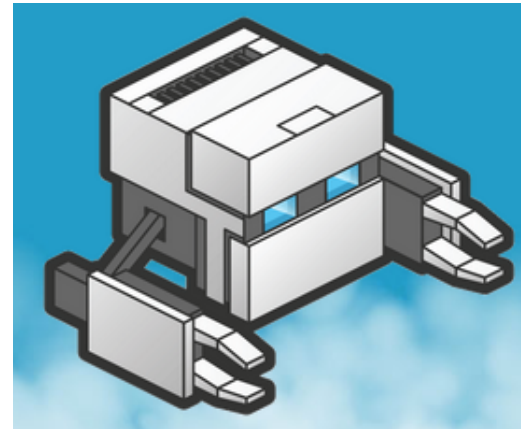


Demo

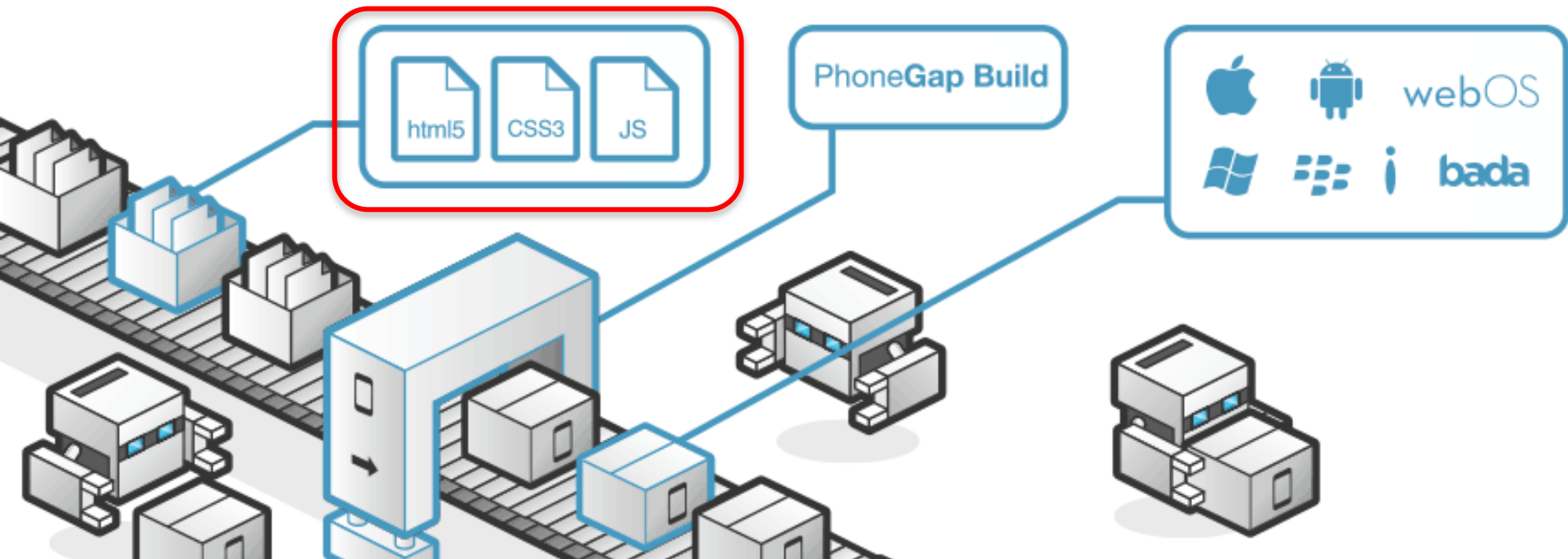
Create Hybrid Apps with PhoneGap

Testing iOS and Android Devices

<https://build.phonegap.com/>



PhoneGap Build

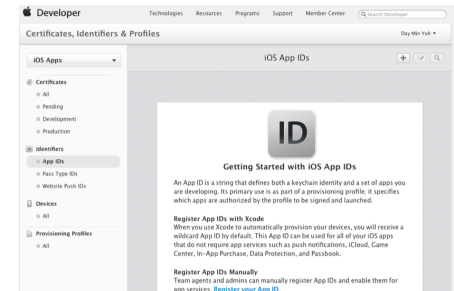


Basics of iOS Device Testing

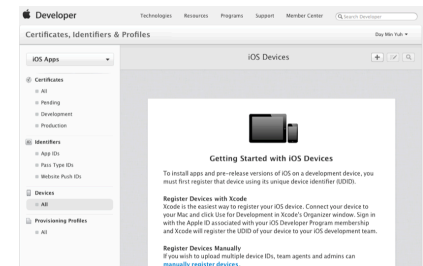
1 You have PERMISSION



2 Your App has PERMISSION

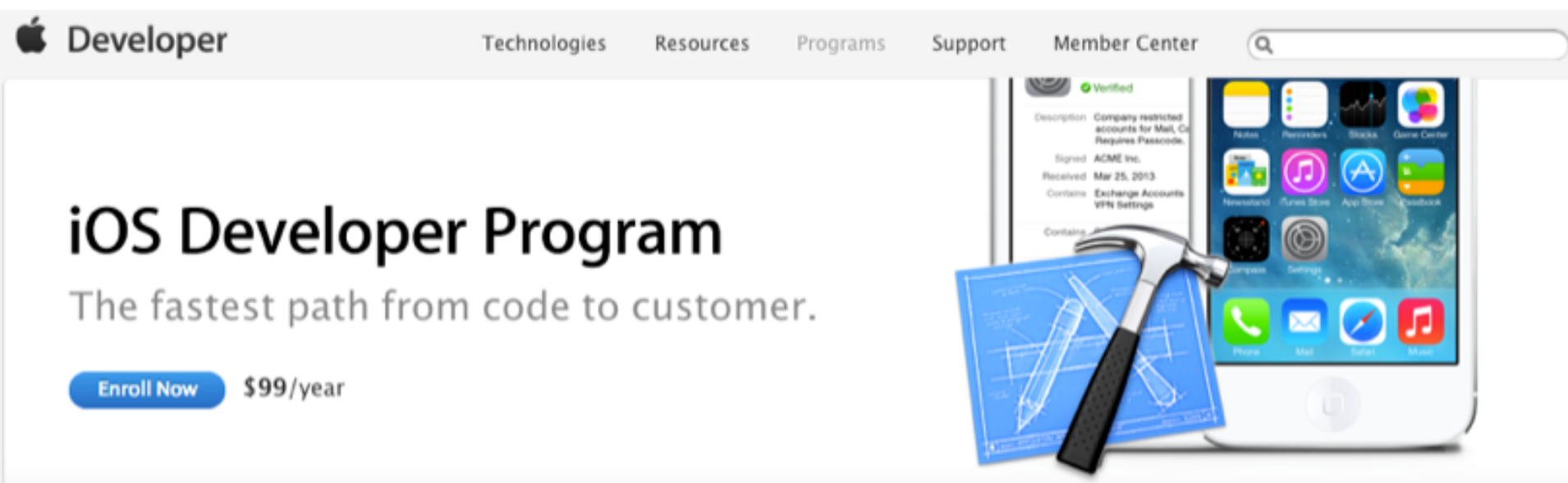


3 Your Device has PERMISSION



1

You have PERMISSION



The screenshot shows the top of the Apple Developer website. The header includes the Apple logo, the word "Developer", and navigation links for Technologies, Resources, Programs, Support, and Member Center. A search bar is on the right. The main banner features the text "iOS Developer Program" and "The fastest path from code to customer." Below this is a blue "Enroll Now" button and the price "\$99/year". On the right side of the banner is an image of an iPhone with a blue blueprint and a hammer resting on it. The blueprint has technical drawings and the word "DESIGN" on it. The iPhone screen shows various app icons like Photos, Reminders, Stocks, Game Center, Newsstand, iTunes Store, App Store, Facebook, Settings, Phone, Mail, Safari, and Music.

Apple Developer

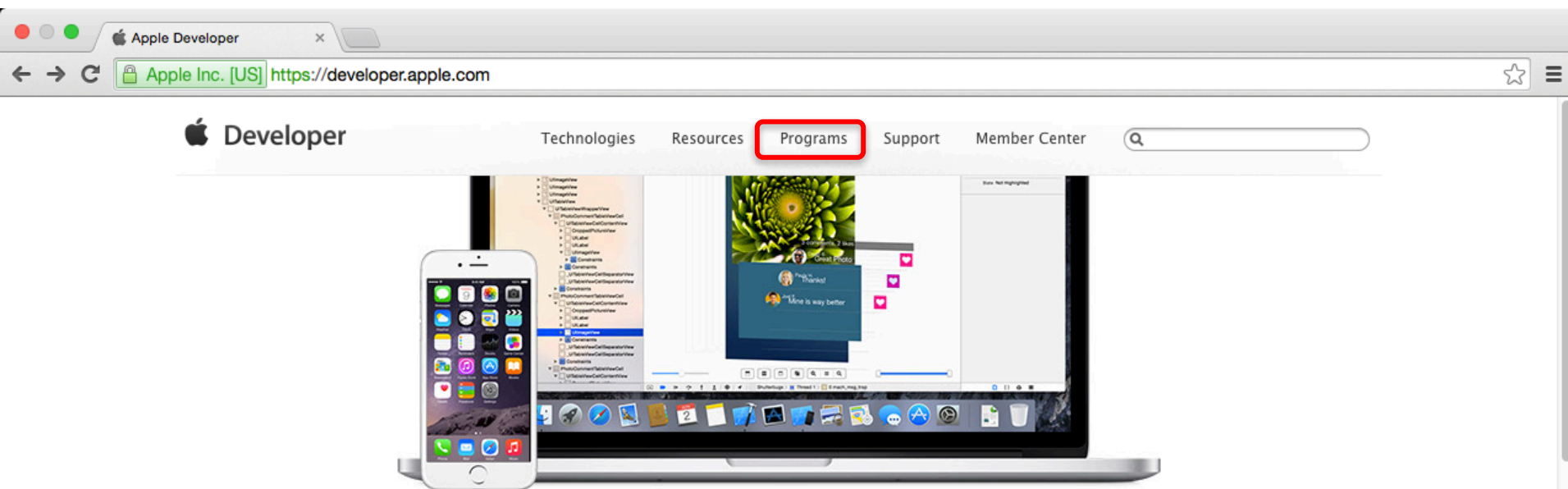
Technologies Resources Programs Support Member Center

iOS Developer Program

The fastest path from code to customer.

Enroll Now \$99/year

Apple iOS Developer Program



See what's new for developers.

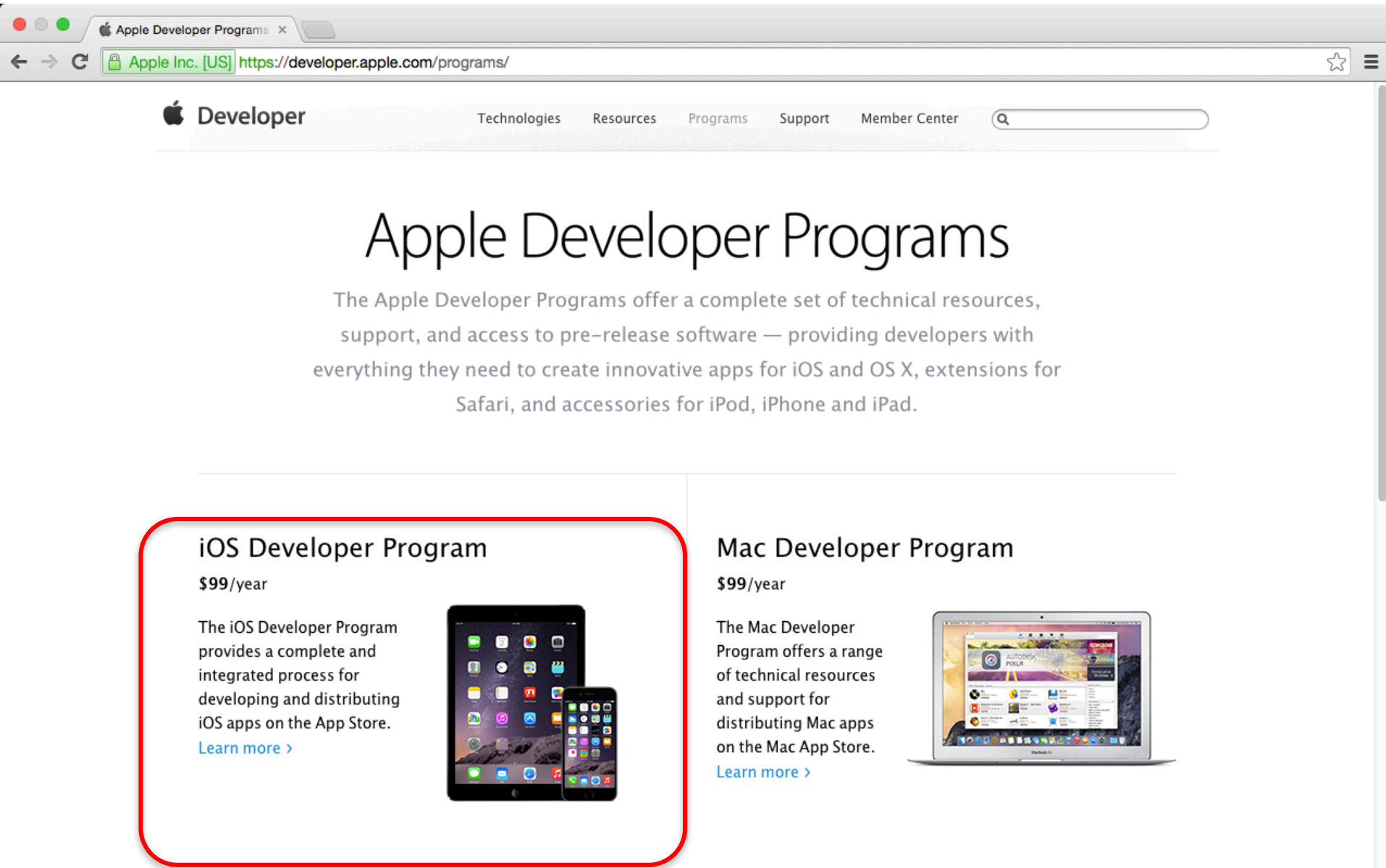
Learn about all the new technologies and powerful capabilities available in iOS 8, OS X Yosemite, and the new programming language, Swift, available in Xcode 6.



Download the latest development tools and SDKs.

<https://developer.apple.com/>

Apple iOS Developer Program



Apple Developer Programs


The Apple Developer Programs offer a complete set of technical resources, support, and access to pre-release software — providing developers with everything they need to create innovative apps for iOS and OS X, extensions for Safari, and accessories for iPod, iPhone and iPad.

iOS Developer Program

\$99/year

The iOS Developer Program provides a complete and integrated process for developing and distributing iOS apps on the App Store.

[Learn more >](#)




Mac Developer Program

\$99/year

The Mac Developer Program offers a range of technical resources and support for distributing Mac apps on the Mac App Store.

[Learn more >](#)



<https://developer.apple.com/programs/>

Apple iOS Developer Program

Apple Developer

Technologies Resources Programs Support Member Center

iOS Developer Program

The fastest path from code to customer.

[Enroll Now](#) \$99/year

Signed iPhone (97A924A8024)
Received Aug 6,
Contains Certificate Mobile
[More Details](#)

1. **Develop**

Develop your application with the iOS SDK and a wealth of technical resources in the iOS Dev Center.
[Learn more >](#)

2. **Test**

Test and debug your code on iPad, iPhone and iPod touch to finalize your applications.
[Learn more >](#)

3. **Distribute**

Distribute your apps on the App Store and reach millions of iPad, iPhone, and iPod touch users.
[Learn more >](#)

<https://developer.apple.com/programs/ios/>

Apple iOS Developer Program

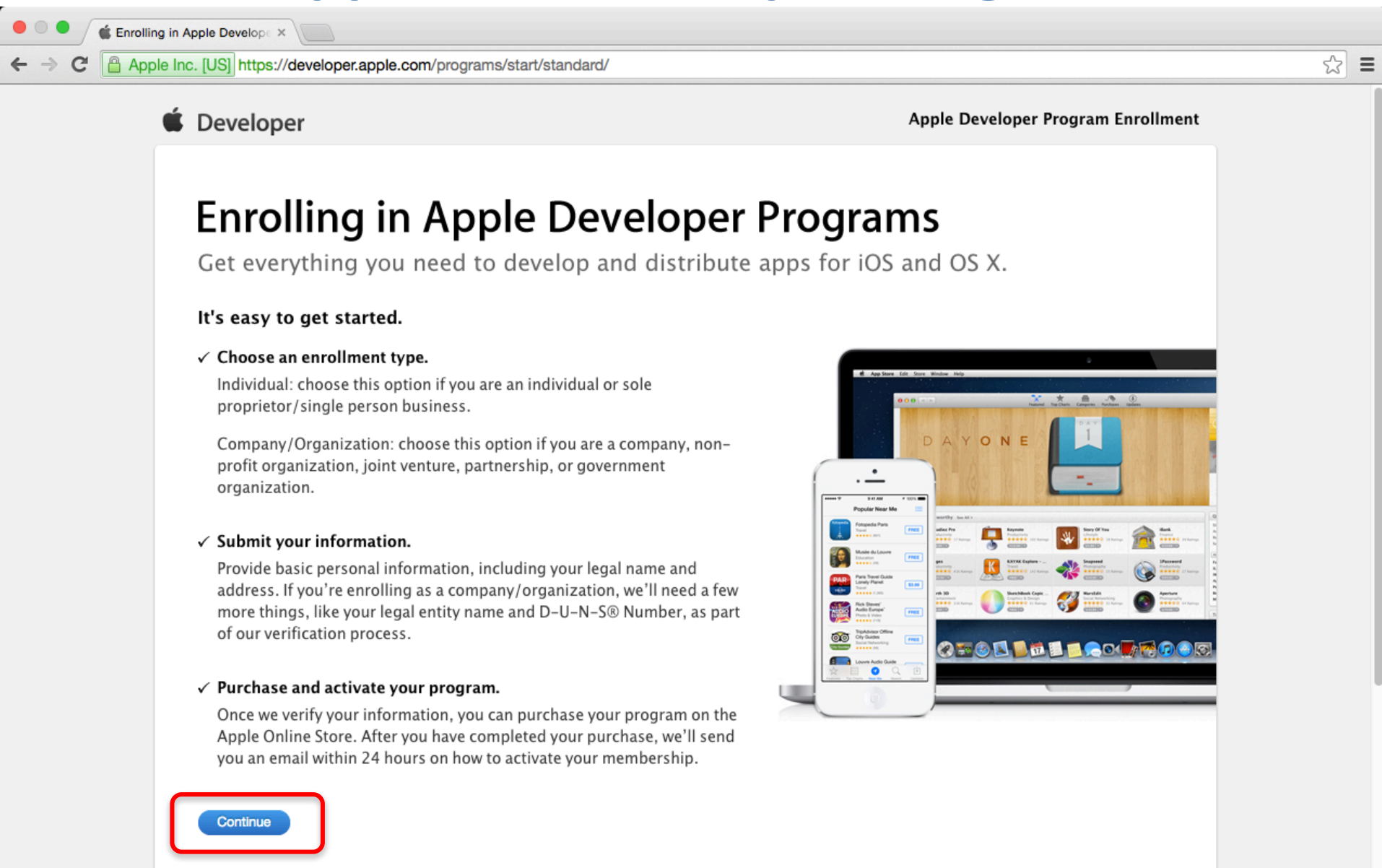
iOS Developer Program

The fastest path from code to customer.

Enroll Now

\$99/year

Apple iOS Developer Program



The screenshot shows a web browser window with the URL <https://developer.apple.com/programs/start/standard/>. The page is titled "Enrolling in Apple Developer Programs" and "Get everything you need to develop and distribute apps for iOS and OS X." It features three main steps: "Choose an enrollment type," "Submit your information," and "Purchase and activate your program." A red box highlights the "Continue" button at the bottom left. On the right, there is an image of an iPhone and a Mac displaying the App Store and desktop environments.

Enrolling in Apple Developer Programs

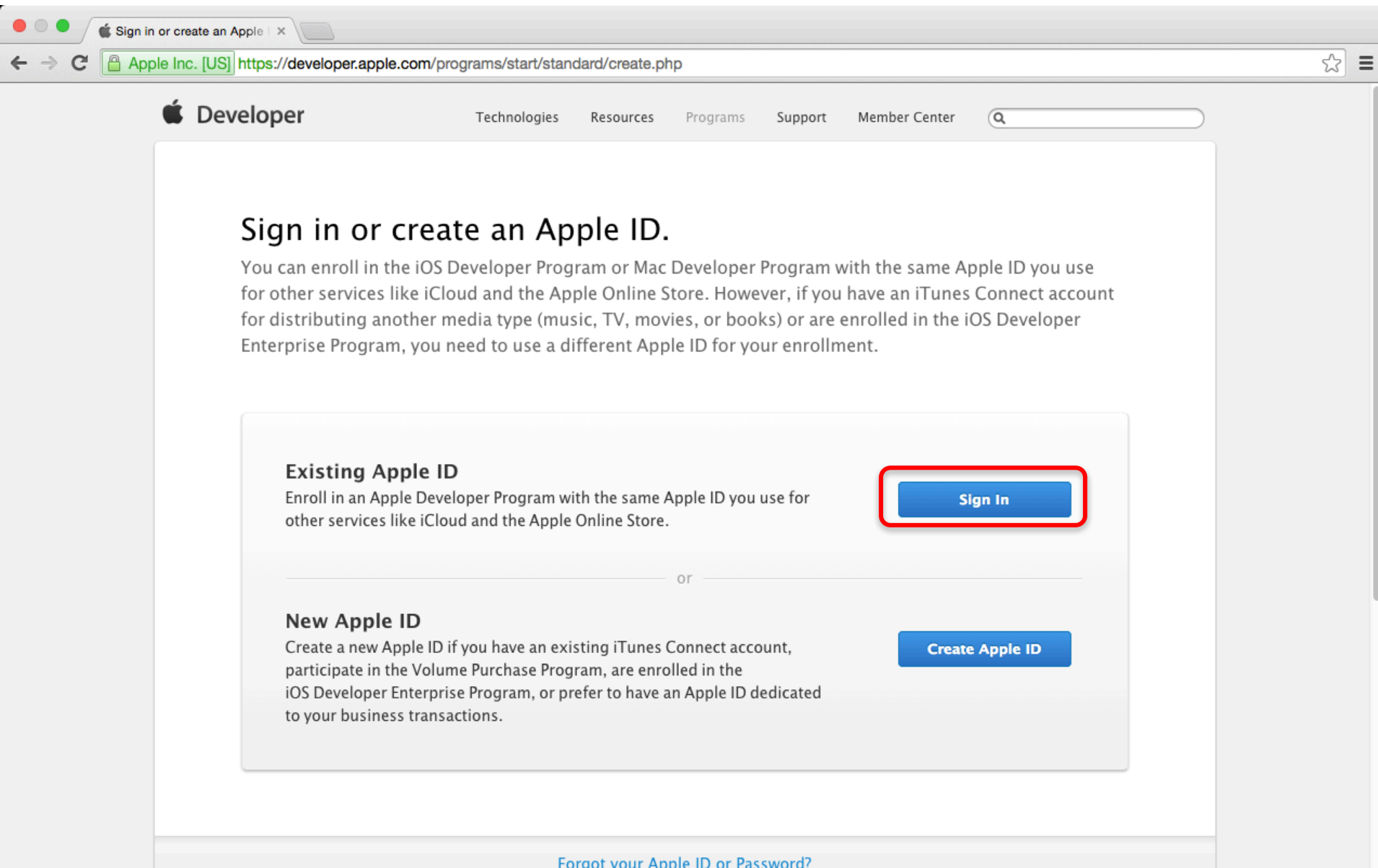
Get everything you need to develop and distribute apps for iOS and OS X.

It's easy to get started.

- ✓ **Choose an enrollment type.**
Individual: choose this option if you are an individual or sole proprietor/single person business.
Company/Organization: choose this option if you are a company, non-profit organization, joint venture, partnership, or government organization.
- ✓ **Submit your information.**
Provide basic personal information, including your legal name and address. If you're enrolling as a company/organization, we'll need a few more things, like your legal entity name and D-U-N-S® Number, as part of our verification process.
- ✓ **Purchase and activate your program.**
Once we verify your information, you can purchase your program on the Apple Online Store. After you have completed your purchase, we'll send you an email within 24 hours on how to activate your membership.

[Continue](#)

Apple iOS Developer Program



The screenshot shows a web browser window with the Apple Developer Program sign-in page. The browser's address bar shows the URL <https://developer.apple.com/programs/start/standard/create.php>. The page header includes the Apple Developer logo and navigation links for Technologies, Resources, Programs, Support, and Member Center. The main content area is titled "Sign in or create an Apple ID." and provides instructions on enrolling in the iOS Developer Program. It offers two options: "Existing Apple ID" with a "Sign In" button (highlighted with a red rectangle) and "New Apple ID" with a "Create Apple ID" button. A link for "Forgot your Apple ID or Password?" is located at the bottom of the page.

Sign in or create an Apple ID.

You can enroll in the iOS Developer Program or Mac Developer Program with the same Apple ID you use for other services like iCloud and the Apple Online Store. However, if you have an iTunes Connect account for distributing another media type (music, TV, movies, or books) or are enrolled in the iOS Developer Enterprise Program, you need to use a different Apple ID for your enrollment.

Existing Apple ID

Enroll in an Apple Developer Program with the same Apple ID you use for other services like iCloud and the Apple Online Store.

Sign In

or

New Apple ID

Create a new Apple ID if you have an existing iTunes Connect account, participate in the Volume Purchase Program, are enrolled in the iOS Developer Enterprise Program, or prefer to have an Apple ID dedicated to your business transactions.

Create Apple ID

[Forgot your Apple ID or Password?](#)

<https://developer.apple.com/programs/start/standard/create.php>

Apple iOS Developer Program

Apple Developer Program

Apple Inc. [US] <https://developer.apple.com/enroll/selectEnrollmentType.php?t=cm>

Developer

Apple Developer Program Enrollment

Enter Account Info

Select Program

Review & Submit

Agree to License


Purchase Program


Activate Program

Are you enrolling as an individual or organization?

Individual


Select this option if you are an individual or sole proprietor/single person company.




**Seller Name**

Your personal legal name will be listed as the seller of your apps on the App Store.

Example:
Seller: John Smith


**Individual Development Only**

You are the only one allowed access to program resources.

**You will need:**


- A valid credit card for purchase.

We may also require additional personal documentation to verify your identity.




Company/Organization

Select this option if you are a company, non-profit organization, joint venture, partnership, or government organization.


**Seller Name**

Your organization's legal entity name will be listed as the seller of your apps on the App Store.

Example:
Seller: ABC Company, Inc.

**Development Team**

You can add additional developers to your team who can access program resources. Companies who have hired a contractor to create apps for distribution on the App Store should enroll with their company name and add the contractors to their team.

**You will need:**

- The legal authority to bind your company/organization to Apple Developer Program legal agreements.
- An address for the company's principal place of business or corporate headquarters.

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Apple iOS Developer Program

Apple Developer Program


Apple Inc. [US] https://developer.apple.com/enroll/selectEnrollmentType.php?t=cm


☆

☰


Individual

Select this option if you are an individual or sole proprietor/single person company.






Seller Name
Your personal legal name will be listed as the seller of your apps on the App Store.
Example:
Seller: John Smith



Individual Development Only
You are the only one allowed access to program resources.



You will need:


- A valid credit card for purchase.


We may also require additional personal documentation to verify your identity.

Individual


Company/Organization

Select this option if you are a company, non-profit organization, joint venture, partnership, or government organization.






Seller Name
Your organization's legal entity name will be listed as the seller of your apps on the App Store.
Example:
Seller: ABC Company, Inc.



Development Team
You can add additional developers to your team who can access program resources. Companies who have hired a contractor to create apps for distribution on the App Store should enroll with their company name and add the contractors to their team.



You will need:

- The legal authority to bind your company/organization to Apple Developer Program legal agreements.
- An address for the company's principal place of business or corporate headquarters.
- A D-U-N-S® Number assigned to a legal entity.
D-U-N-S Numbers, available from D&B for free in most jurisdictions, are unique nine-digit numbers widely used as standard business identifiers. To learn more, read our [FAQs](#). Before enrolling, check to see if D&B has assigned you a D-U-N-S Number. If not, please request one.

Note: We do not accept DBAs, Fictitious Business, Trade names, or branches at this time.

- A valid credit card for purchase.

Company

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Apple iOS Developer Program

Sign in with your Apple ID

Apple Inc. [US] <https://daw.apple.com/cgi-bin/WebObjects/DSAuthWeb.woa/wa/login?&appldKey=891bd3417a7776362562d2197f89480a8547b108fd9349...>

Developer

imyday@gmail.com

.....

Register Sign In

Forgot ID or Password?

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Certificates, Identifiers & Profiles

Member Center - Apple Developer

Apple Inc. [US] <https://developer.apple.com/membercenter/index.action>

Developer Member Center


Home People Programs & Add-ons Your Account


Organization: Tamkang University (Department of Information Management) Hi, Day Min Yuh | [Sign out](#)

ANNOUNCEMENT: Updated Program License Agreement
An updated version of the iOS Developer Program License Agreement has been posted. In order to access certain technical resources, you must agree to the latest license agreement.
[Review Agreement](#)


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.

Community and Support


 **Developer Support**
Get answers to frequently asked questions.

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

Developer Program Overview

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

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<https://developer.apple.com/membercenter/index.action>

Certificates, Identifiers & Profiles



Certificates, Identifiers & Profiles

Manage your certificates, App IDs, devices, and provisioning profiles.

Member Center – Apple De x

Apple Inc. [US] https://developer.apple.com/membercenter/index.action#updateAgreement

☆

≡

Developer

Member Center

Home

People

Programs & Add-ons

Your Account

Organization: [Tamkang University \(Department of Information Management\)](#) Hi, Day Min Yuh | [Sign out](#)

iOS Developer Program University License Agreement

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

PLEASE READ THE FOLLOWING AGREEMENT TERMS AND CONDITIONS CAREFULLY BEFORE DOWNLOADING OR USING THE APPLE SOFTWARE. THESE TERMS AND CONDITIONS CONSTITUTE A LEGAL AGREEMENT BETWEEN UNIVERSITY AND APPLE. BY CLICKING ON THE "I AGREE" BUTTON, UNIVERSITY, THROUGH ITS AUTHORIZED LEGAL REPRESENTATIVE, IS AGREEING TO BE BOUND BY AND IS BECOMING A PARTY TO THIS AGREEMENT. IF UNIVERSITY DOES NOT OR CANNOT AGREE TO THIS AGREEMENT, THEN CLICK THE "CANCEL" BUTTON. IF UNIVERSITY DOES NOT AGREE TO THIS AGREEMENT, THEN UNIVERSITY IS NOT PERMITTED TO PARTICIPATE IN THIS PROGRAM OR USE THE APPLE SOFTWARE.

iOS Developer Program University Agreement

(for teaching classes that allow students to load applications onto Apple-branded products running the iOS)

☒ By checking this box I confirm that I have read and agree to be bound by the Agreement above. I am agreeing on behalf of my higher education institution, and I represent and warrant that I have legal authority to bind my higher education institution 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).

BY CLICKING THE "AGREE" BUTTON AND CHECKING THE BOXES FOR EACH AGREEMENT YOU WANT TO ACCEPT, YOU ARE AGREEING TO BE BOUND BY SUCH AGREEMENT(S).

Cancel

I Agree

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Certificates, Identifiers & Profiles

Member Center – Apple Developer

Apple Inc. [US] <https://developer.apple.com/membercenter/index.action>


Developer Member Center


Home People Programs & Add-ons Your Account

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Developer Program Resources


Technical Resources and Tools

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


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

Get started with your iOS

Apple Inc. [US] https://developer.apple.com/programs/ios/university/gettingstarted/

☆

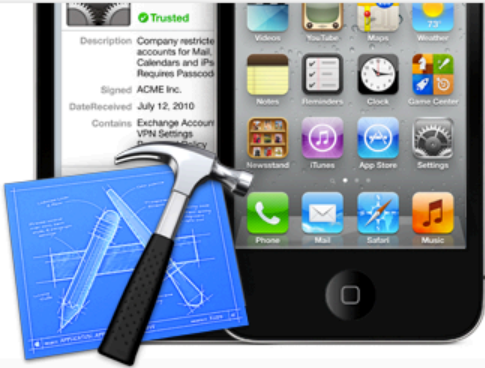
☰

Developer

TechnologiesResourcesProgramsSupportMember Center

Get started with your iOS Developer University Program


Learn how to take advantage of your program resources and benefits.




Assigning Team Roles


You can manage team members, assign roles to existing members, or invite others to join your team.

✓ **Managing Developer Roles in the Member Center**
The Member Center is where you can manage your development team, which can include up to 200 students. Team roles are used to assign certain responsibilities to a developer. While students can be added only as Team Members, faculty and staff are intended to assume the Admin role in order to be able to invite additional team members, approve digital certificates, create provisioning profiles, and more.
[Get started in the Member Center](#) ▶



Quick Links to Resources

Member Center
Manage your development team, view legal agreements, and access technical resources.


Certificates, Identifiers & Profiles
Provision & test apps on your iPhone, iPad & iPod touch



Setting Up Your Development Environment





Apple Certificates, Identifiers & Profiles | <https://developer.apple.com/account/overview.action>

Developer Technologies Resources Programs Support Member Center Search Developer


Certificates, Identifiers & Profiles

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 iOS Apps

-  Certificates
-  Identifiers
-  Devices
-  Provisioning Profiles

Learn More

 [App Distribution Guide](#)

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Apple iOS Certificates - Apple De x

Apple Inc. [US] <https://developer.apple.com/account/ios/certificate/certificateLanding.action>

Developer Technologies Resources Programs Support Member Center Search Developer

Certificates, Identifiers & Profiles Day Min Yuh

iOS Apps

Certificates

- All
- Pending
- Development
- Production

Identifiers

- App IDs
- Pass Type IDs
- Website Push IDs


Devices

- All

Provisioning Profiles

- All

iOS Certificates +



Getting Started with iOS Certificates

You will need to set up digital certificates to develop and distribute iOS apps. To install your app on a development device or submit it to the App Store, it must first be signed with an Apple-issued certificate. Certificates allow the system to identify who signed the app.

Request Certificates with Xcode

Xcode is the easiest way to request certificates. Connect your device to your Mac and click Use for Development in Xcode's Organizer window. Sign in with the Apple ID associated with your iOS Developer Program membership and Xcode will automatically generate your certificates.

Request Certificates Manually

To request certificates, upload a [Certificate Signing Request](#) from your Mac.

Learn More

[App Distribution Guide](#)

Apple Add - iOS Certificates - Ap x

Apple Inc. [US] <https://developer.apple.com/account/ios/certificate/certificateCreate.action>

Developer Technologies Resources Programs Support Member Center Search Developer

Certificates, Identifiers & Profiles

Day Min Yuh ▾


iOS Apps ▾

- ✓ Certificates
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- ID Identifiers
 - App IDs
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 - Website Push IDs
- Devices
 - All
- Provisioning Profiles
 - All

Add iOS Certificate

+ 🔍

Select Type Request Generate Download

 What type of certificate do you need?

Development

- ☒ **iOS App Development**
Sign development versions of your iOS app.
- ☐ **Apple Push Notification service SSL (Sandbox)**
Establish connectivity between your notification server and the Apple Push Notification service sandbox environment. A separate certificate is required for each app you develop.

Production

- ☐ **Pass Type ID Certificate**
Sign and send updates to passes in Passbook.
- ☐ **Website Push ID Certificate**
Sign and send updates for Websites.

Apple Inc. [US] <https://developer.apple.com/account/ios/certificate/certificateCreate.action>

■ Production

■ Identifiers

- App IDs
- Pass Type IDs
- Website Push IDs

■ Devices

- All

■ Provisioning Profiles

- All

Development

☒ **iOS App Development**
Sign development versions of your iOS app.

☐ **Apple Push Notification service SSL (Sandbox)**
Establish connectivity between your notification server and the Apple Push Notification service sandbox environment. A separate certificate is required for each app you develop.

Production

☐ **Pass Type ID Certificate**
Sign and send updates to passes in Passbook.

☐ **Website Push ID Certificate**
Sign and send updates for Websites.

Intermediate Certificates

To use your certificates, you must have the intermediate signing certificate in your system keychain. This is automatically installed by Xcode. However, if you need to reinstall the intermediate signing certificate click the link below:

[Worldwide Developer Relations Certificate Authority](#)

Cancel Continue

Certificate Signing Request (CSR)

The screenshot shows the Apple Developer website's 'Add iOS Certificate' page. The browser address bar shows the URL: <https://developer.apple.com/account/ios/certificate/certificateCreate.action?formID=86406417>. The page title is 'Certificates, Identifiers & Profiles'. The left sidebar contains navigation links for 'iOS Apps', 'Certificates', 'Identifiers', 'Devices', and 'Provisioning Profiles'. The 'Certificates' section is expanded, showing 'All', 'Pending', 'Development', and 'Production' options. The main content area is titled 'Add iOS Certificate' and features a progress bar with four steps: 'Select Type', 'Request' (current step), 'Generate', and 'Approval'. Below the progress bar, there is a section titled 'About Creating a Certificate Signing Request (CSR)' with a 'Certificate' icon. The text explains that to manually generate a Certificate, a CSR file is needed from a Mac. It then provides instructions on how to create a CSR file using Keychain Access, including steps like selecting 'Certificate Assistant > Request a Certificate from a Certificate Authority' and entering specific information in the 'Certificate Information' window. A red box highlights the 'Continue' button at the bottom right of the page.

Apple Add - iOS Certificates - Ap x

Apple Inc. [US] <https://developer.apple.com/account/ios/certificate/certificateCreate.action?formID=86406417>

Developer Technologies Resources Programs Support Member Center Search Developer

Certificates, Identifiers & Profiles Day Min Yuh ▾

iOS Apps ▾

✓ Certificates

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- Development
- Production

ID Identifiers

- App IDs
- Pass Type IDs
- Website Push IDs

Devices


- All

Provisioning Profiles

- All

Add iOS Certificate + 🔍

Select Type Request Generate Approval

 **About Creating a Certificate Signing Request (CSR)**

To manually generate a Certificate, you need a Certificate Signing Request (CSR) file from your Mac. To create a CSR file, follow the instructions below to create one using Keychain Access.

Create a CSR file.

In the Applications folder on your Mac, open the Utilities folder and launch Keychain Access.

Within the Keychain Access drop down menu, select Keychain Access > Certificate Assistant > Request a Certificate from a Certificate Authority.

- In the Certificate Information window, enter the following information:
 - In the User Email Address field, enter your email address.
 - In the Common Name field, create a name for your private key (e.g., John Doe Dev Key).
 - The CA Email Address field should be left empty.
 - In the "Request is" group, select the "Saved to disk" option.
- Click Continue within Keychain Access to complete the CSR generating process.

Cancel Back **Continue**

Upload CSR file (CertificateSigningRequest)

Apple Developer Technologies Resources Programs Support Member Center Search Developer

Certificates, Identifiers & Profiles

Day Min Yuh ▾

iOS Apps ▾

Certificates

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Identifiers

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Devices

- All


Provisioning Profiles

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Add iOS Certificate

+ 🔍

Select Type Request **Generate** Download

 **Generate your certificate.**

With the creation of your CSR, Keychain Access simultaneously generated a public and private key pair. Your private key is stored on your Mac in the login Keychain by default and can be viewed in the Keychain Access application under the "Keys" category. Your requested certificate will be the public half of your key pair.

Upload CSR file.
Select .certSigningRequest file saved on your Mac.

Choose File...

Cancel Back **Generate**

<https://developer.apple.com/account/ios/certificate/certificateCreate.action?formID=30858303>

1

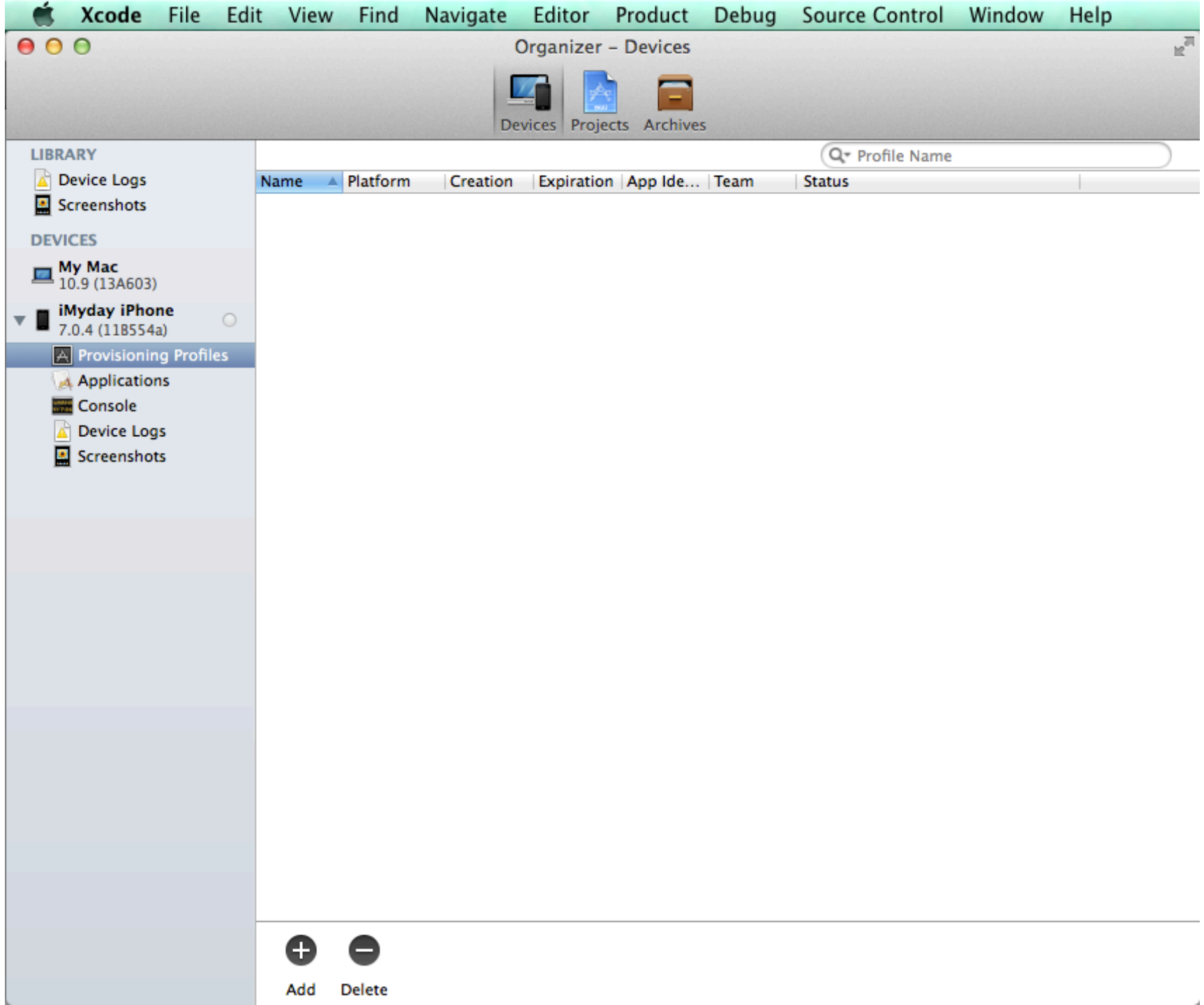
You have PERMISSION



Keychain Access

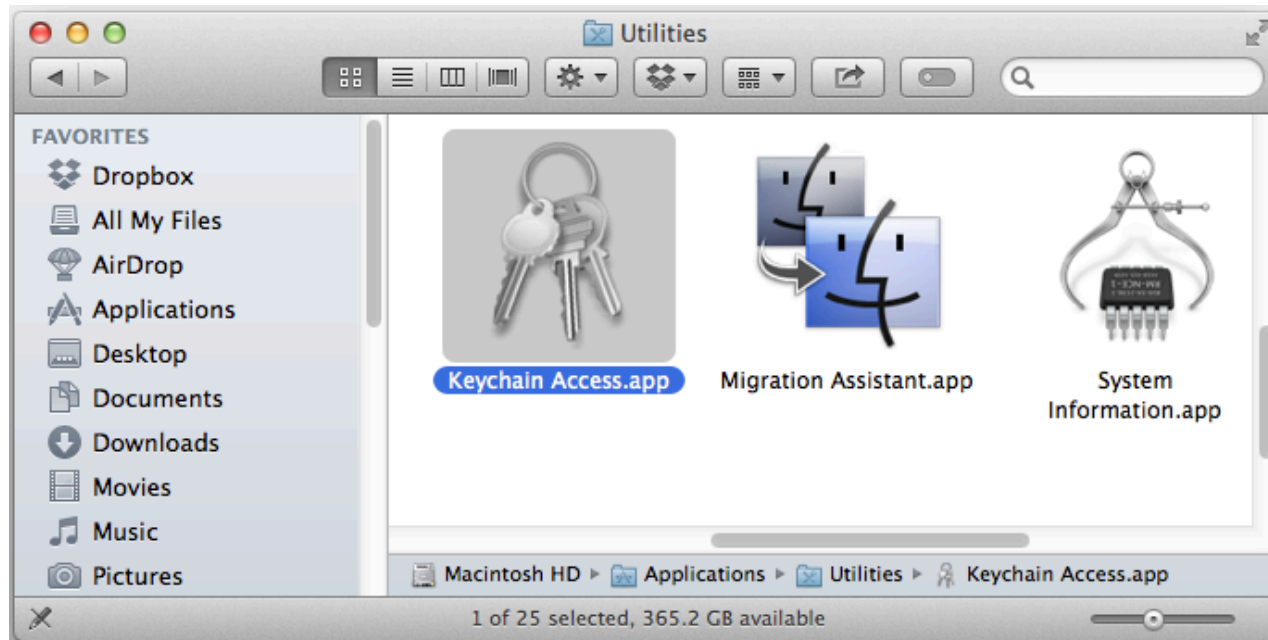


Certificates

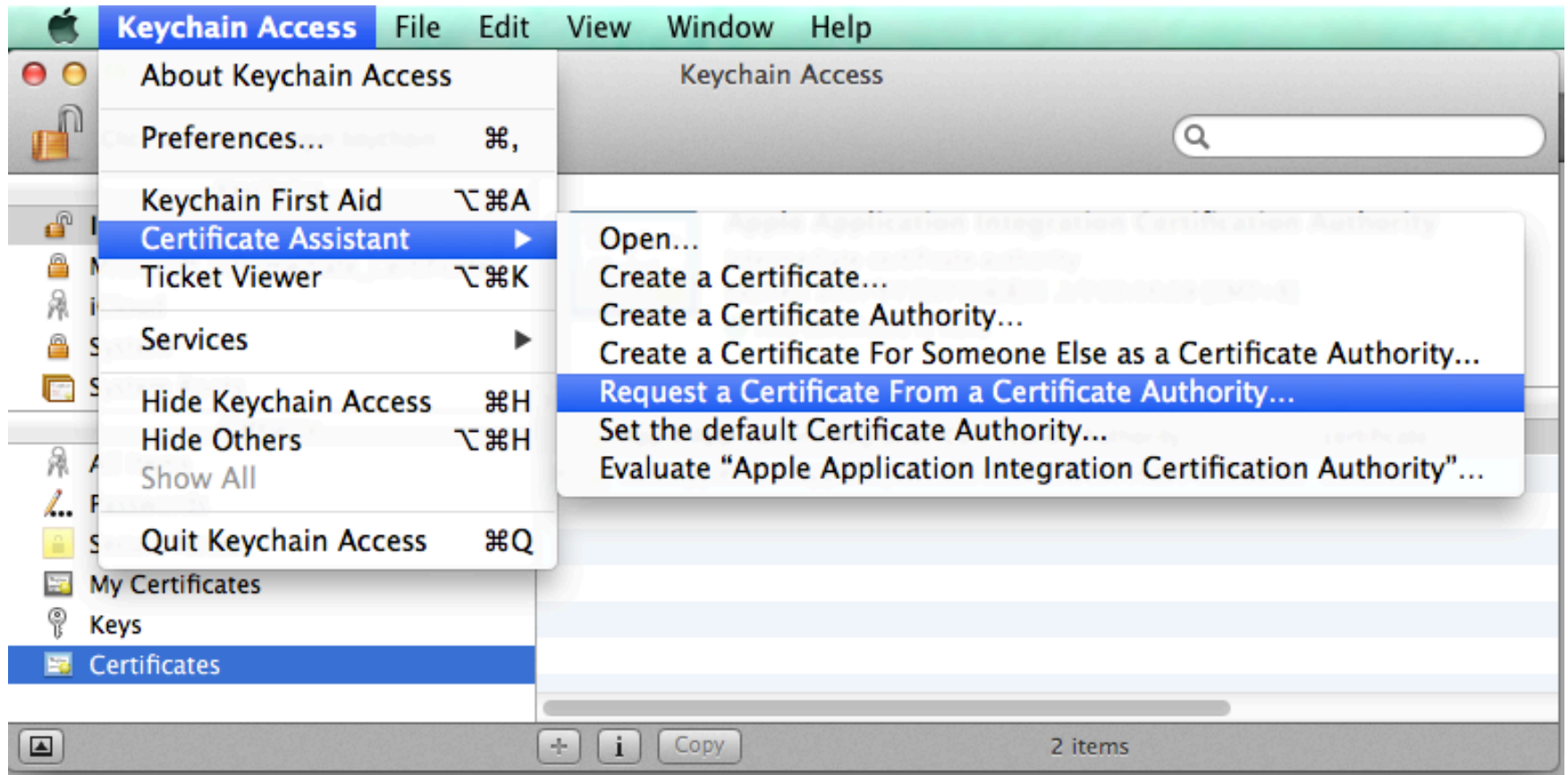


Applications\Utilities\Keychain Access

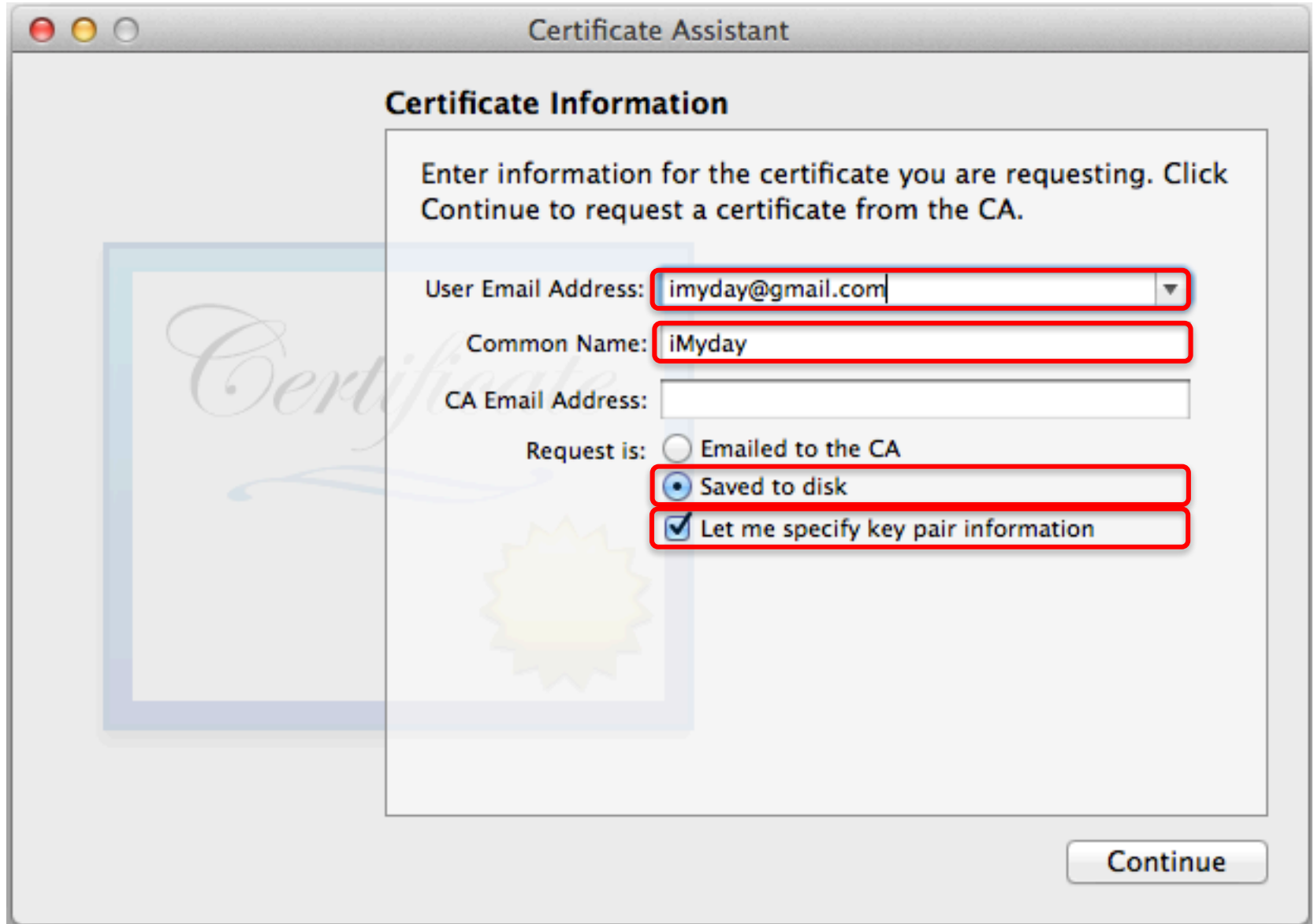
Macintosh HD ▸ Applications ▸ Utilities ▸ Keychain Access.app



Request a Certificate From a Certificate Authority



Certificate Assistant



The image shows a macOS-style window titled "Certificate Assistant". Inside, there's a section titled "Certificate Information" with a text box for instructions: "Enter information for the certificate you are requesting. Click Continue to request a certificate from the CA." Below this are several input fields: "User Email Address" with the value "imyday@gmail.com", "Common Name" with the value "iMyday", and "CA Email Address" which is empty. There are also radio buttons for "Request is:" with "Saved to disk" selected, and a checked checkbox for "Let me specify key pair information". A "Continue" button is at the bottom right. A faint watermark of a certificate is visible in the background.

Certificate Assistant

Certificate Information

Enter information for the certificate you are requesting. Click Continue to request a certificate from the CA.

User Email Address:

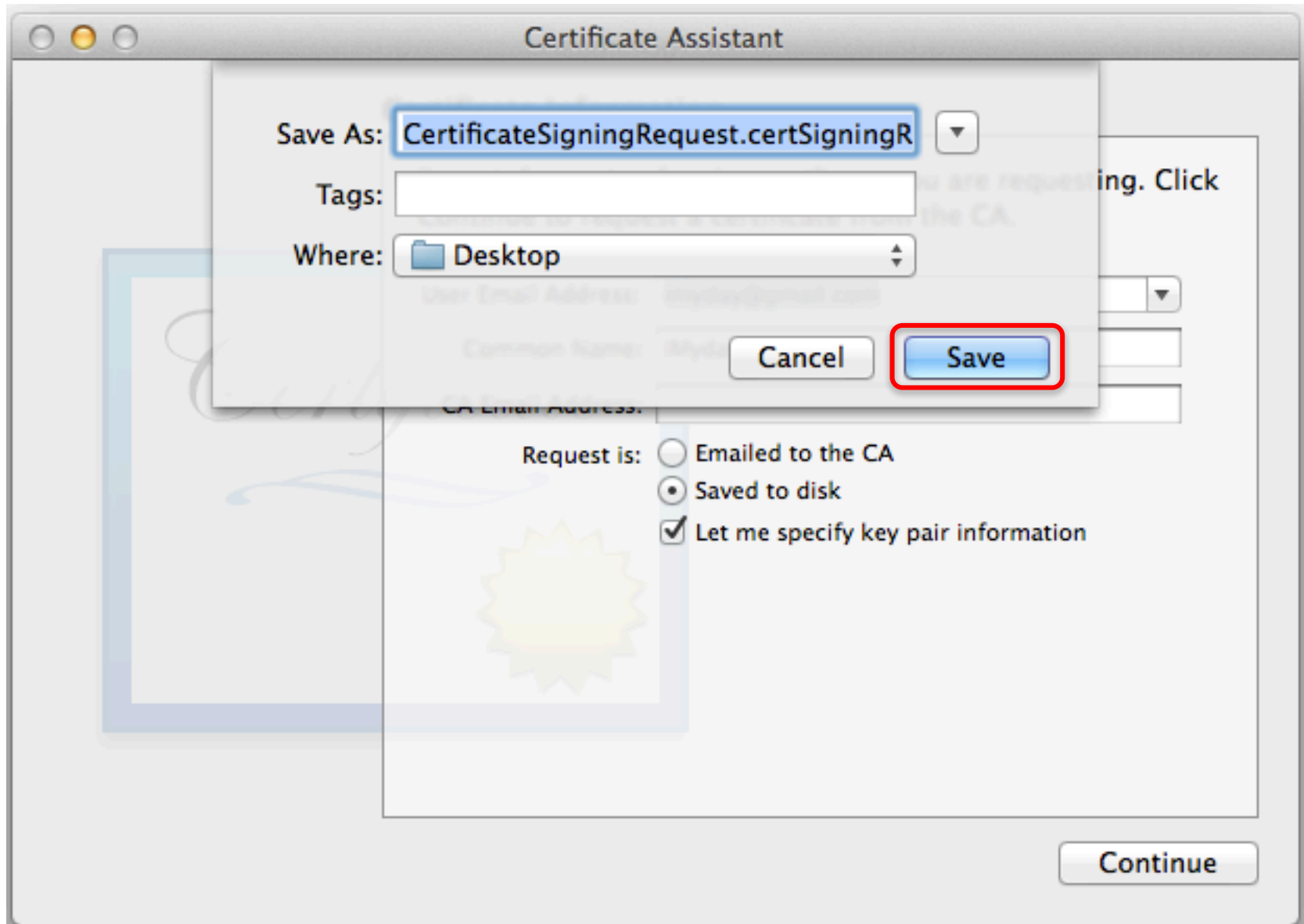
Common Name:

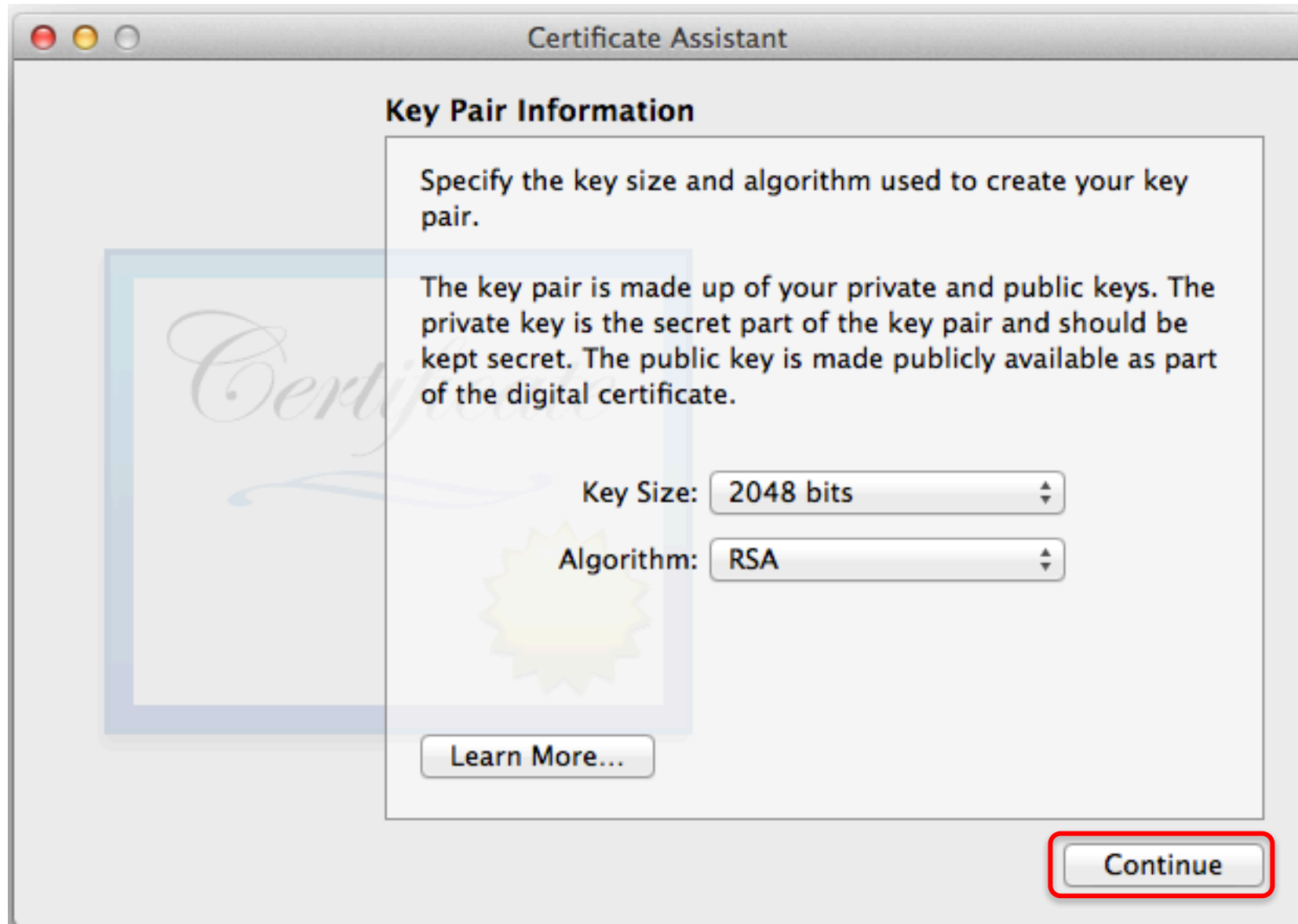
CA Email Address:

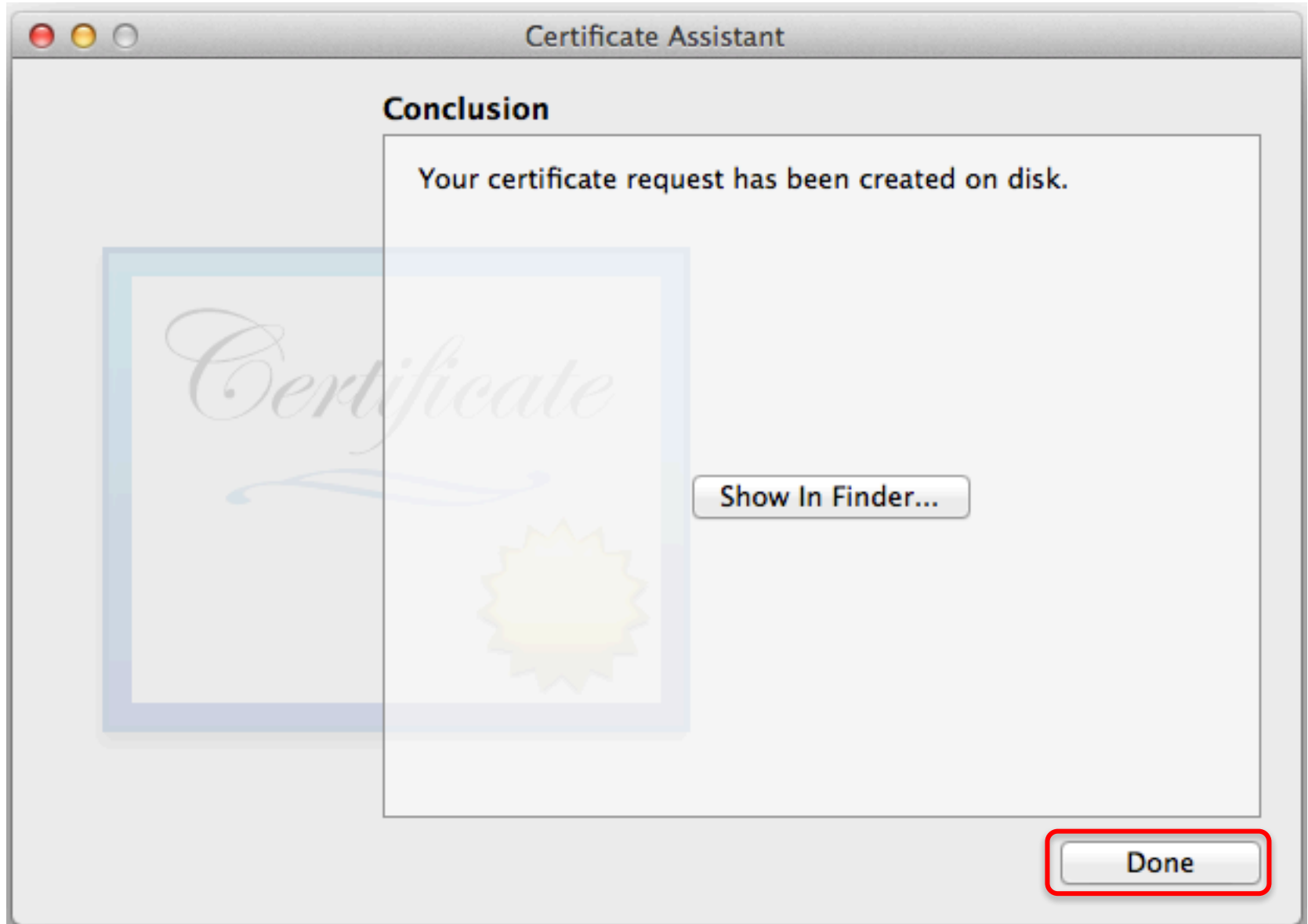
Request is: ☐ Emailed to the CA
☒ Saved to disk
☒ Let me specify key pair information

Continue

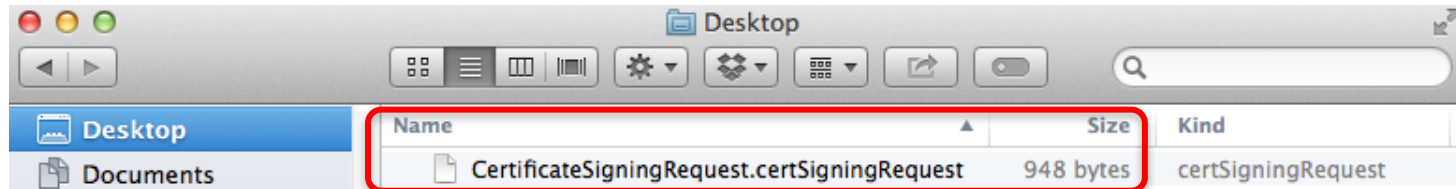
Request a Certificate From a Certificate Authority

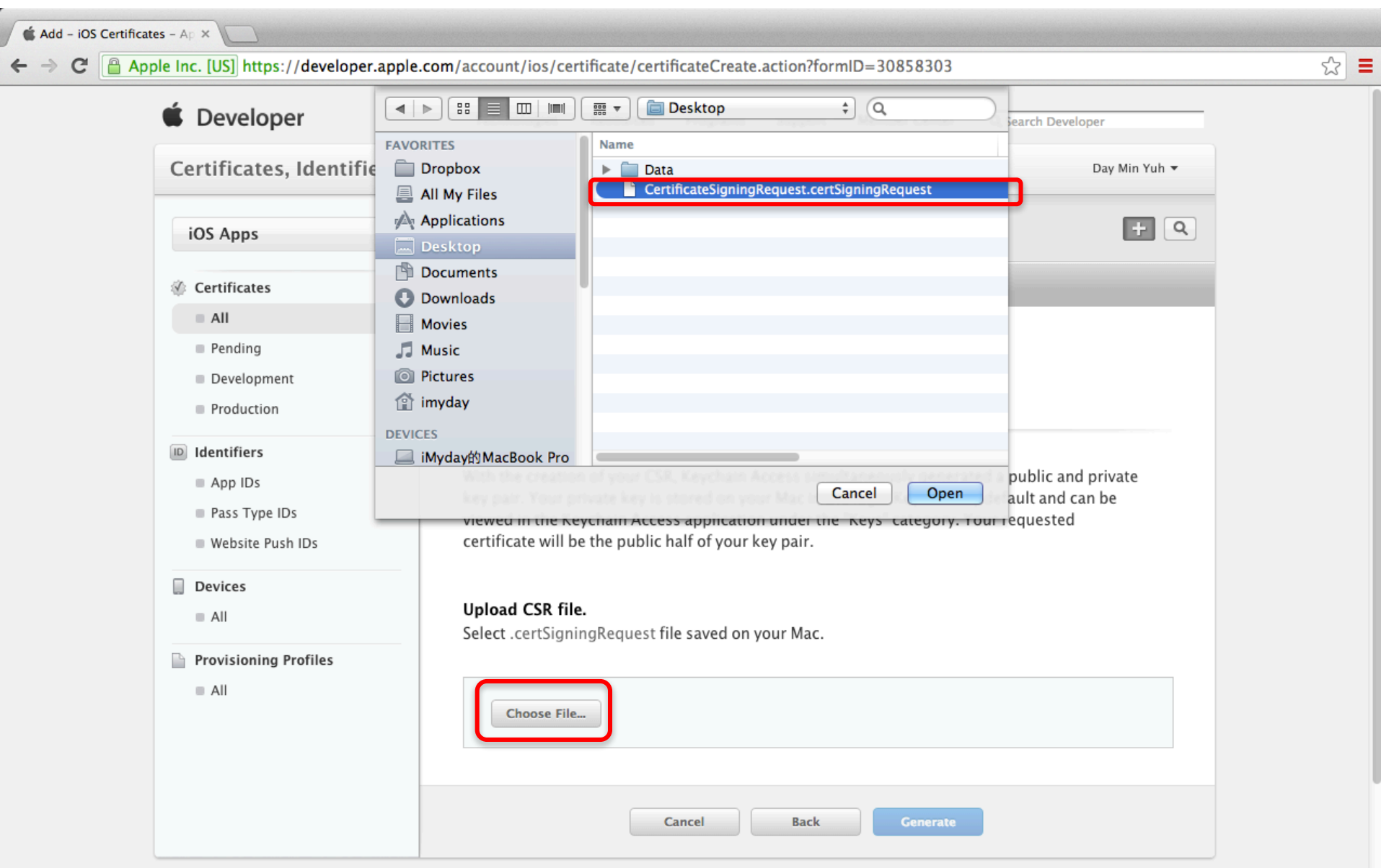






CertificateSigningRequest CSR





Add – iOS Certificates – Ap x

Apple Inc. [US] https://developer.apple.com/account/ios/certificate/certificateCreate.action?formID=30858303

☆

≡

Developer

TechnologiesResourcesProgramsSupportMember Center

Search Developer

Certificates, Identifiers & Profiles

Day Min Yuh ▾

iOS Apps ▾

✓ Certificates

All

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Development

Production

ID Identifiers

App IDs

Pass Type IDs

Website Push IDs

📱 Devices

All

📄 Provisioning Profiles

All

Add iOS Certificate

+ 🔍

Select TypeRequestGenerateDownload

Generate your certificate.

With the creation of your CSR, Keychain Access simultaneously generated a public and private key pair. Your private key is stored on your Mac in the login Keychain by default and can be viewed in the Keychain Access application under the "Keys" category. Your requested certificate will be the public half of your key pair.

Upload CSR file.
Select .certSigningRequest file saved on your Mac.

Choose File...

CertificateSigningRequest.certSigningRequest

CancelBackGenerate

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Apple Add - iOS Certificates - Ap x

Apple Inc. [US] <https://developer.apple.com/account/ios/certificate/certificateCreate.action?formID=30858303>

Developer Technologies Resources Programs Support Member Center Search Developer

Certificates, Identifiers & Profiles

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Add iOS Certificate


+ 🔍

Select Type Request Generate Download

 **Generate your certificate.**

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Upload CSR file.
Select .certSigningRequest file saved on your Mac.

Choose File...  CertificateSigningRequest.certSigningRequest

Cancel Back Generate

iOS Dev Center

Certificate, Identifiers & Profiles

Apple Inc. developer.apple.com/devcenter/ios/index.action — iOS Dev Center — Apple Developer

Developer Technologies Resources Programs Support Member Center Search Developer

iOS Dev Center iOS Dev Center Mac Dev Center Safari Dev Center

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iOS 7 SDK iOS 7.1 beta

Resources for iOS 7

Downloads
Download the latest build of iOS SDK

iOS Developer Library

- Getting Started
- Guides
- Reference
- Release Notes
- Sample Code
- Technical Notes
- Technical Q&As

Development Videos

- iOS Development
- WWDC Videos

iAd JS Developer Library
Get technical documentation on developing with iAd JS.

Apple Developer Forums
Discuss iOS development with other developers and Apple engineers.

Featured Content

- Create Apps for iOS 7
- What's New in iOS 7
- 64-Bit Transition Guide for Cocoa Touch
- Passbook for Developers
- iCloud for Developers
- Newsstand for Developers
- Game Center for Developers
- In-App Purchase for Developers
- Push Notifications for Developers
- Using iAd in Your iOS Apps
- App States and Multitasking

iOS Developer Program

- Certificates, Identifiers & Profiles**
- Apple Developer Forums
- Developer Support Center

App Store Resource Center

- Prepare for App Submission
- App Store Approval Process
- Managing Apps
- Marketing Resources

RSS News & Announcements

- iAd Workbench Expands to New Countries
November 12, 2013
- Manage Game Center Leaderboard Scores

Downloads

Xcode 5.0.2
This is the complete Xcode

Download Xcode 5

Certificates, Identifiers & Profiles

Day Min Yuh ▾



iOS Apps



Certificates



Identifiers



Devices



Provisioning Profiles

Learn More



[App Distribution Guide](#)

Apple Inc. developer.apple.com/account/ios/certificate/certificateDownload.action?certificateids=F94Z2CXKDK&returnURL=— Add - iOS Certificates - Apple Developer

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Certificates, Identifiers & ProfilesDay Min Yuh

iOS Apps

Certificates

AllPendingDevelopmentProduction

Identifiers

App IDSPass Type IDsWebsite Push IDs

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Add iOS Certificate


Select TypeRequestGenerateDownload



Your certificate is ready.

Download, Install and Backup

Download your certificate to your Mac, then double click the .cer file to install in Keychain Access. Make sure to save a backup copy of your private and public keys somewhere secure.



Name:iOS Development: Day Min Yuh

Type:iOS Development

Expires:Nov 23, 2014

Download

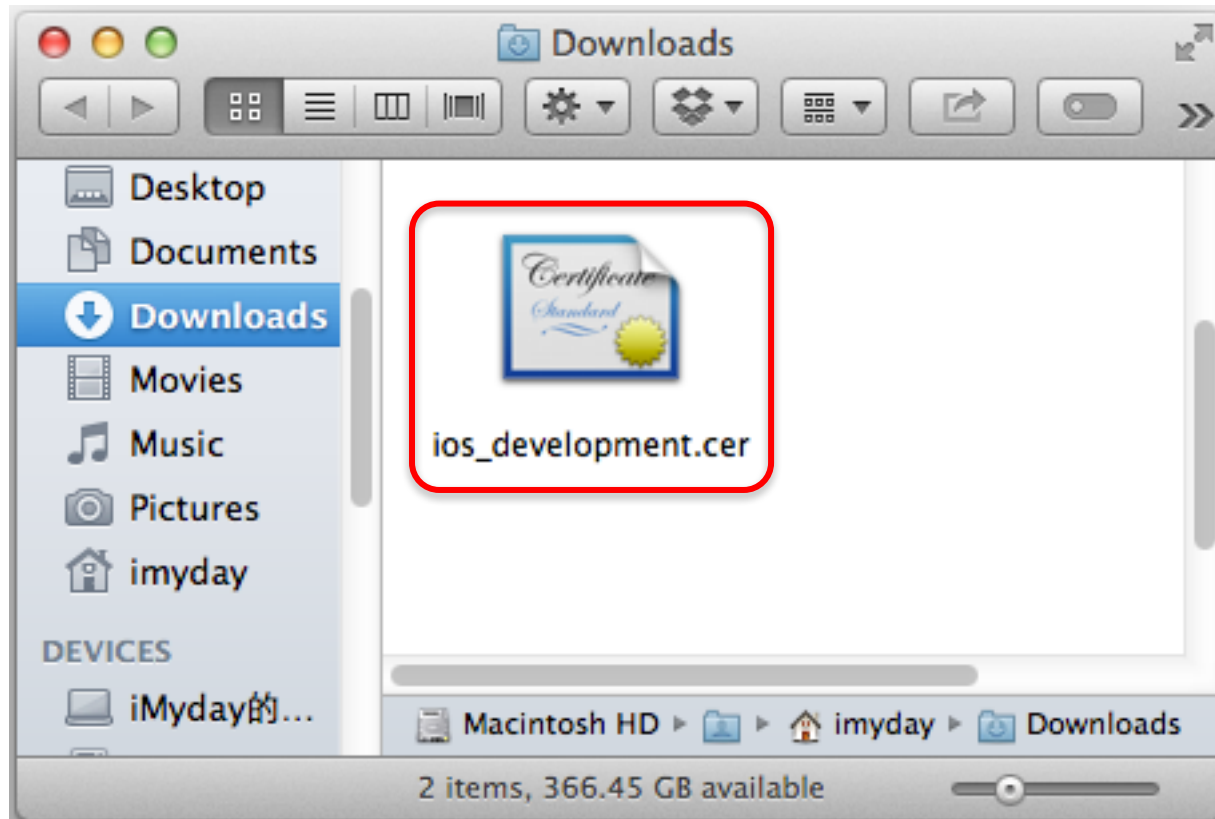
Documentation

For more information on using and managing your certificates read:

[App Distribution Guide](#)

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Your iOS Certificate: ios_development.cer



Certificates, Identifiers & Profiles

Day Min Yuh ▾

iOS Apps ▾

Certificates

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iOS Certificates



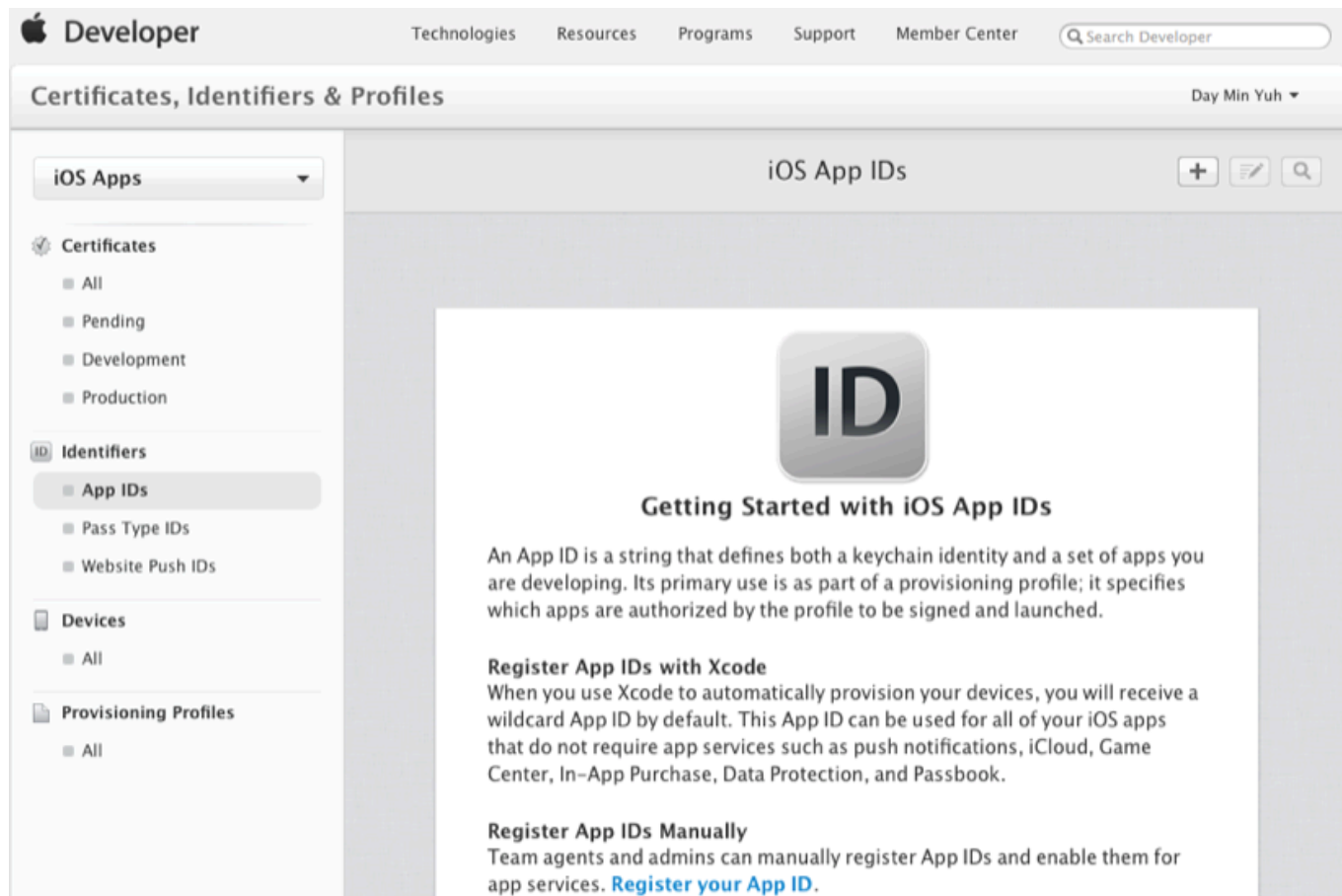
1 Certificates Total

Name	Type	Expires
Day Min Yuh	iOS Development	Nov 23, 2014

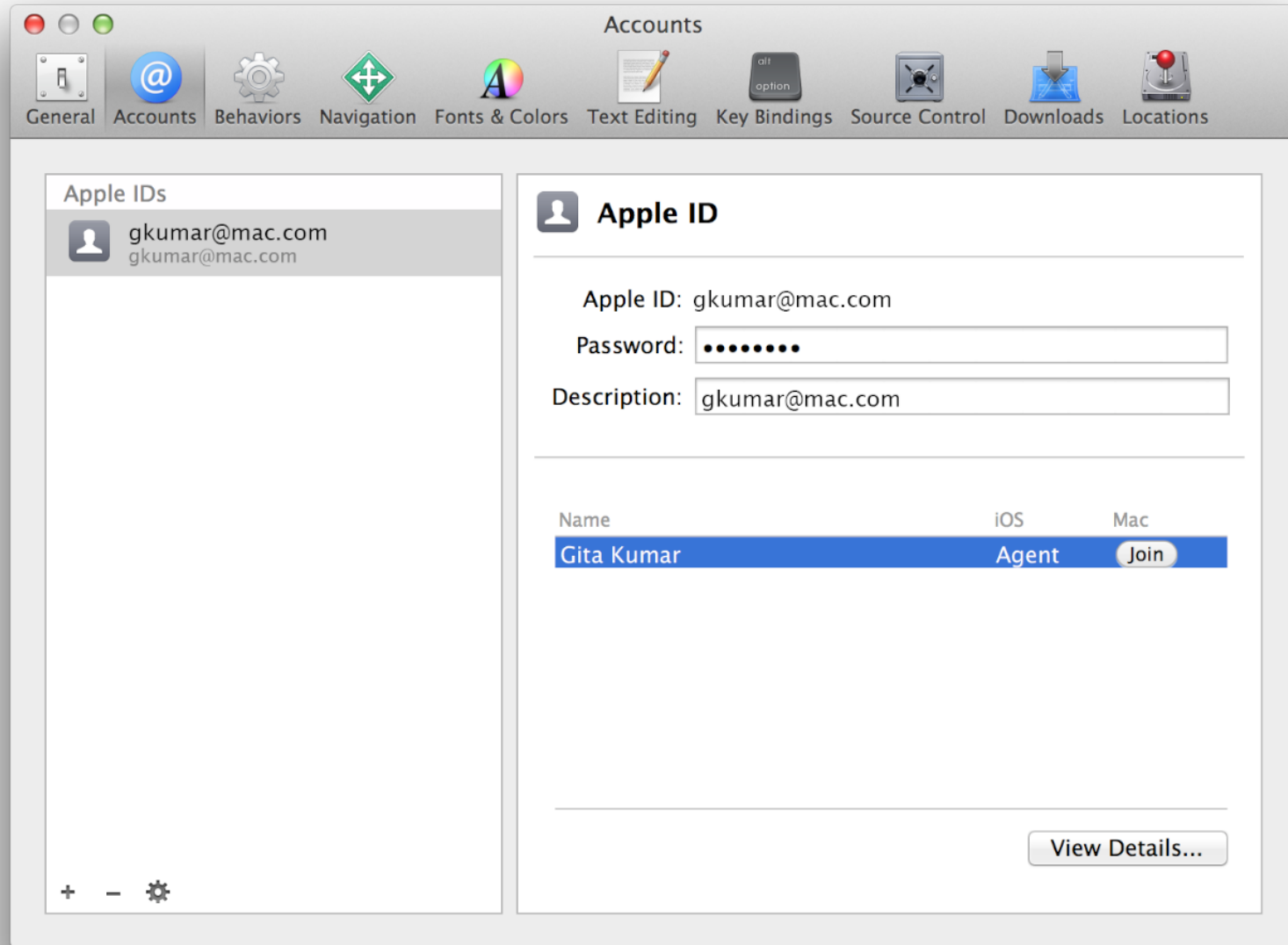
2

Your App has PERMISSION

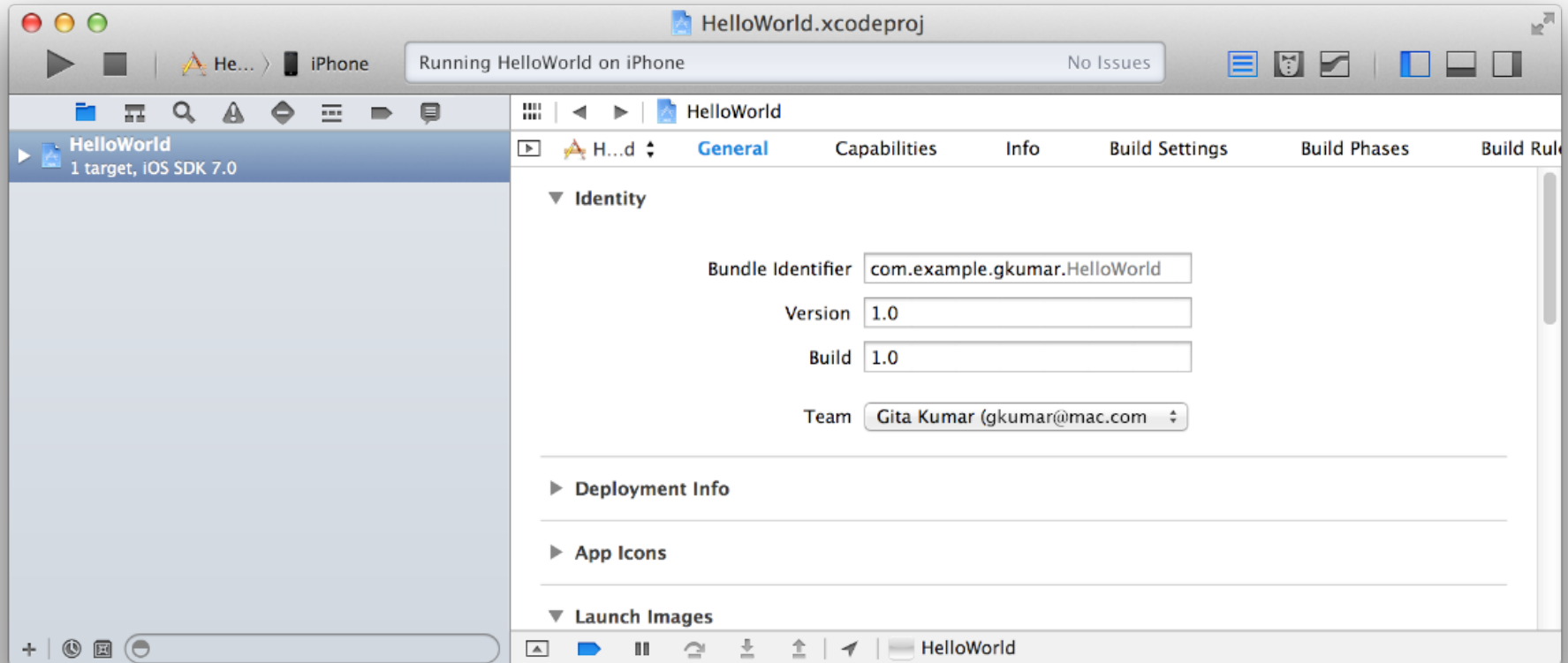
com.myDomain.myApp



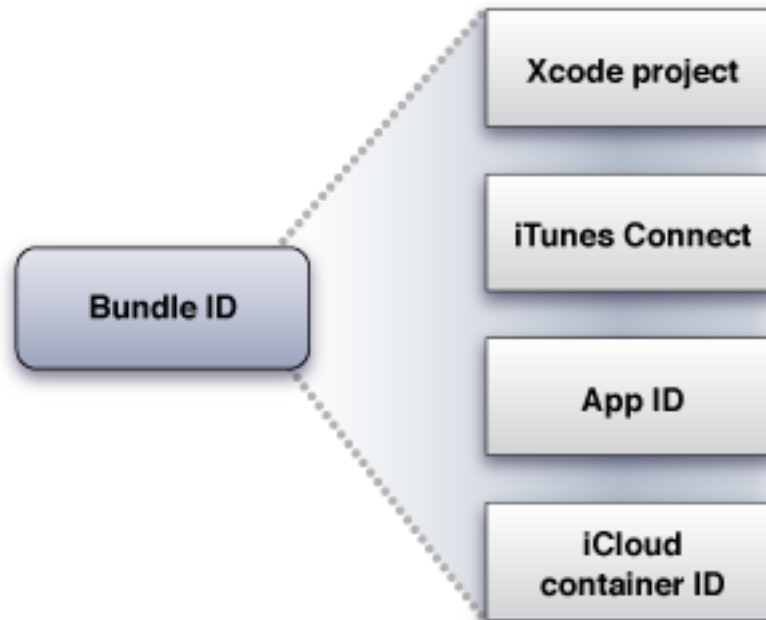
Apple ID



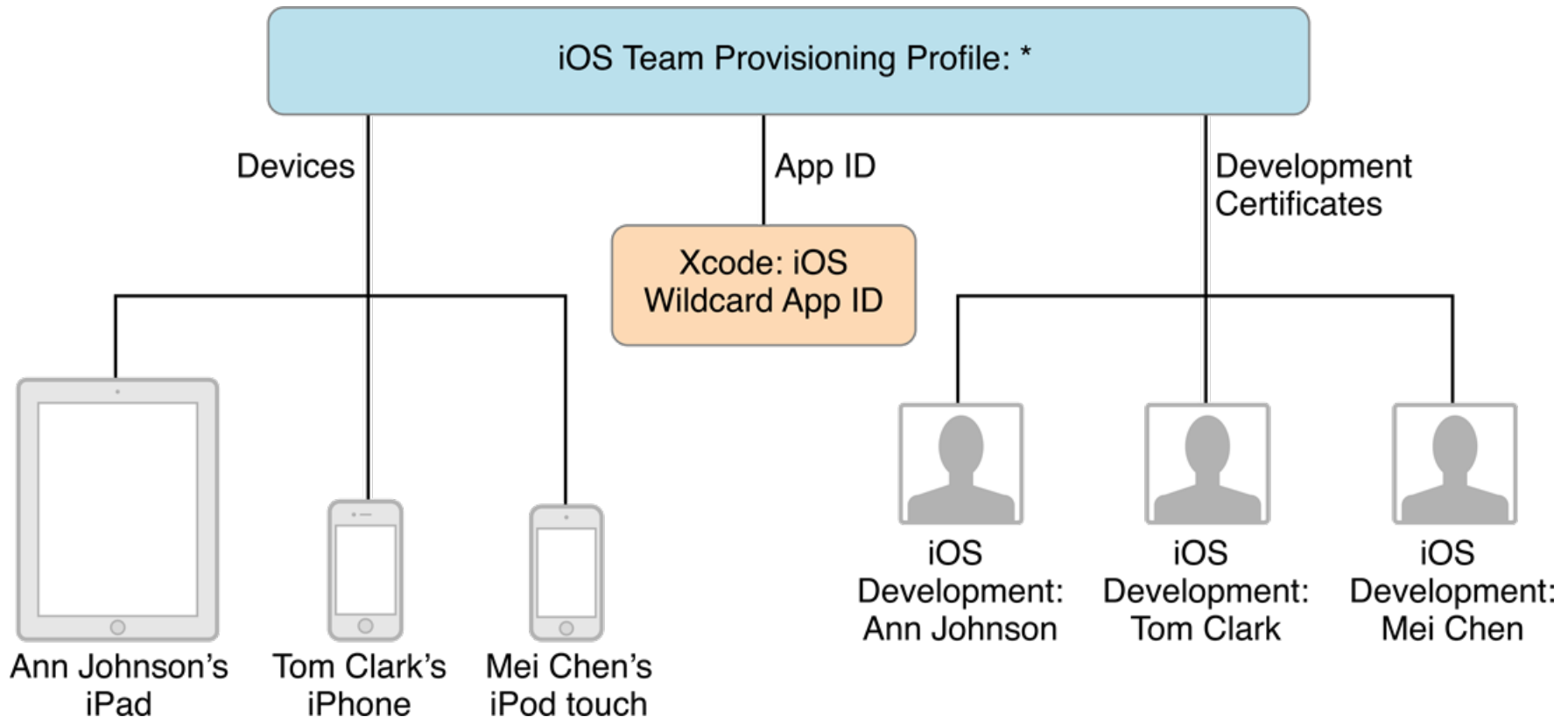
Bundle ID



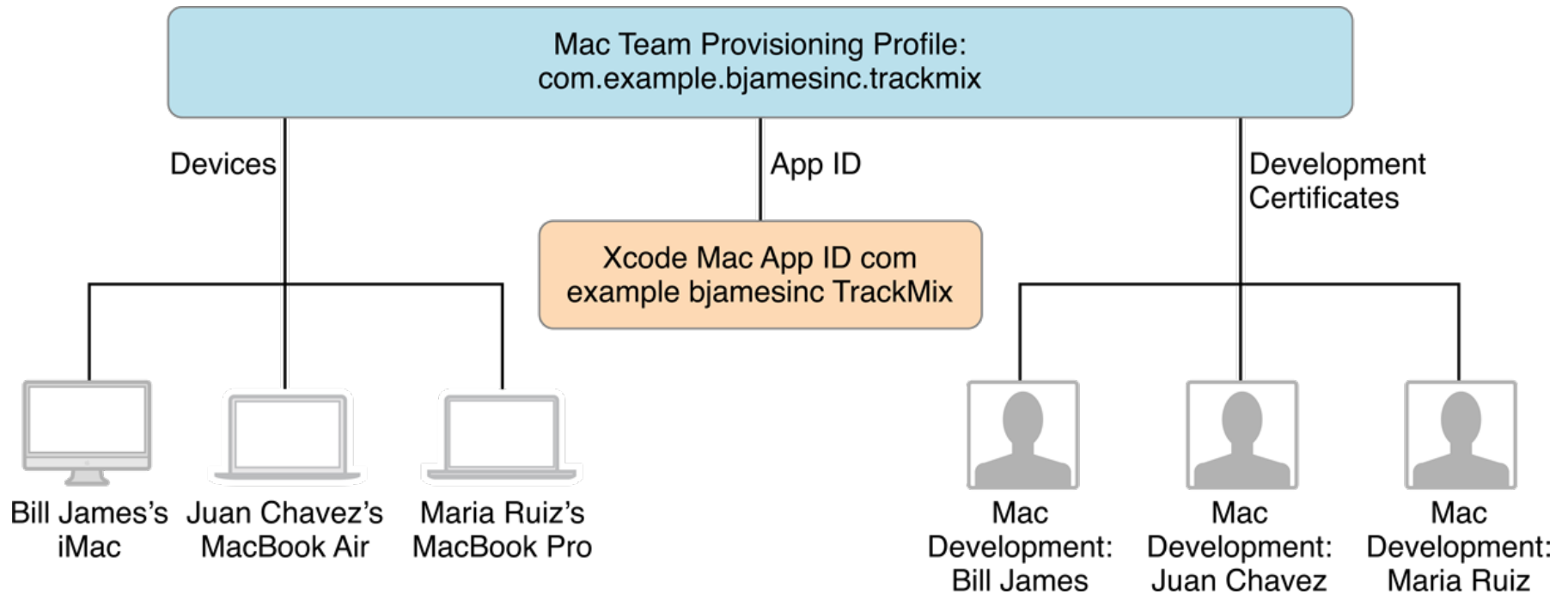
Bundle ID vs. App ID



App ID, Device ID



App ID, Device ID



iOS App ID

The screenshot shows the Apple Developer account interface. The browser address bar displays the URL: `developer.apple.com/account/ios/identifiers/bundle/bundleLanding.action`. The page title is "iOS App IDs - Apple Developer". The navigation bar includes links for Technologies, Resources, Programs, Support, and Member Center, along with a search bar labeled "Search Developer". The main content area is titled "Certificates, Identifiers & Profiles" and shows a user named "Day Min Yuh". On the left sidebar, the "Identifiers" section is highlighted with a red box, and the "App IDs" sub-option is selected. The main content area displays a large "ID" icon and the heading "Getting Started with iOS App IDs". Below this, there is a paragraph explaining that an App ID is a string defining a keychain identity and a set of apps. Further down, there are sections for "Register App IDs with Xcode" and "Register App IDs Manually", both providing instructions on how to register and use App IDs. At the bottom, there is a "Learn More" section with a link to the "App Distribution Guide".

Apple Inc. developer.apple.com/account/ios/identifiers/bundle/bundleLanding.action — iOS App IDs - Apple Developer

Developer Technologies Resources Programs Support Member Center Search Developer

Certificates, Identifiers & Profiles Day Min Yuh

iOS Apps

Certificates

- All
- Pending
- Development
- Production

Identifiers

- App IDs
- Pass Type IDs
- Website Push IDs

Devices

- All

Provisioning Profiles

- All

iOS App IDs

ID

Getting Started with iOS App IDs

An App ID is a string that defines both a keychain identity and a set of apps you are developing. Its primary use is as part of a provisioning profile; it specifies which apps are authorized by the profile to be signed and launched.

Register App IDs with Xcode

When you use Xcode to automatically provision your devices, you will receive a wildcard App ID by default. This App ID can be used for all of your iOS apps that do not require app services such as push notifications, iCloud, Game Center, In-App Purchase, Data Protection, and Passbook.

Register App IDs Manually

Team agents and admins can manually register App IDs and enable them for app services. [Register your App ID.](#)

Learn More

[App Distribution Guide](#)

Apple Inc. developer.apple.com/account/ios/identifiers/bundle/bundleCreate.action — Register – iOS App IDs – Apple Developer

Reader

Developer

TechnologiesResourcesProgramsSupportMember Center

Search Developer

Certificates, Identifiers & Profiles

Day Min Yuh

iOS Apps

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Identifiers

App IDSPass Type IDsWebsite Push IDs

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Provisioning Profiles

All

Register iOS App ID

ID

Registering an App ID

The App ID string contains two parts separated by a period (.)—an App ID Prefix that is defined as your Team ID by default and an App ID Suffix that is defined as a Bundle ID search string. Each part of an App ID has different and important uses for your app. [Learn More](#)

App ID Description

Name:

You cannot use special characters such as @, &, *, ', "

App ID Prefix

Value:

8369C9ES2Z (Team ID)

App ID Suffix

Apple Inc. developer.apple.com/account/ios/identifiers/bundle/bundleCreate.action — Register - iOS App IDs - Apple Developer

Devices

- All

Provisioning Profiles

- All

App ID Description

Name:

You cannot use special characters such as @, &, *, ', "

App ID Prefix

Value: 8369C9ES2Z (Team ID)

App ID Suffix

☒ **Explicit App ID**

If you plan to incorporate app services such as Game Center, In-App Purchase, Data Protection, and iCloud, or want a provisioning profile unique to a single app, you must register an explicit App ID for your app.

To create an explicit App ID, enter a unique string in the Bundle ID field. This string should match the Bundle ID of your app.

Bundle ID:

We recommend using a reverse-domain name style string (i.e., com.domainname.appname). It cannot contain an asterisk (*).

☐ **Wildcard App ID**

This allows you to use a single App ID to match multiple apps. To create a wildcard App ID, enter an asterisk (*) as the last digit in the Bundle ID field.

Bundle ID:

Example: com.domainname.*

Bundle ID:

We recommend using a reverse-domain name style string (i.e., com.domainname.appname). It cannot contain an asterisk (*).

☐ **Wildcard App ID**

This allows you to use a single App ID to match multiple apps. To create a wildcard App ID, enter an asterisk (*) as the last digit in the Bundle ID field.

Bundle ID:

Example: com.domainname.*

App Services

Select the services you would like to enable in your app. You can edit your choices after this App ID has been registered.

Enable Services: ☐ **Data Protection**

- ☐ Complete Protection
- ☐ Protected Unless Open
- ☐ Protected Until First User Authentication

- ☒ **Game Center**
- ☐ iCloud
- ☒ **In-App Purchase**
- ☐ Inter-App Audio
- ☐ Passbook
- ☐ Push Notifications

Cancel

Continue

Apple Inc. developer.apple.com/account/ios/identifiers/bundle/bundleCreate.action?formID=56907071 — Add - iOS App IDs - Apple Developer

Add iOS App ID

ID **Confirm your App ID.**

To complete the registration of this App ID, make sure your App ID information is correct, and click the submit button.

App ID Description: **Myday Mobile App**

Identifier: **8369C9ES2Z.com.imtku.smap.mydaymobileapp**

Data Protection: ☐ Disabled

Game Center: ☒ **Enabled**

iCloud: ☐ Disabled

In-App Purchase: ☒ **Enabled**

Inter-App Audio: ☐ Disabled

Passbook: ☐ Disabled

Push Notifications: ☐ Disabled

Cancel Back **Submit**

iOS Apps

- Certificates
 - All
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 - Development
 - Production
- Identifiers**
 - App IDs**
 - Pass Type IDs
 - Website Push IDs
- Devices
 - All
- Provisioning Profiles
 - All

Apple Inc. developer.apple.com/account/ios/identifiers/bundle/bundleCreate.action?formID=69830923 — Add - iOS App IDs - Apple Developer

Reader

iOS Apps

Certificates

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Production

Identifiers

App IDs

Pass Type IDs

Website Push IDs

Devices

All

Provisioning Profiles

All

Add iOS App ID

ID

Registration complete.

This App ID is now registered to your account and can be used in your provisioning profiles.

App ID Description: Myday Mobile App

Identifier: 8369C9ES2Z.com.imtku.smap.mydaymobileapp

Data Protection: Disabled

Game Center: Enabled

iCloud: Disabled

In-App Purchase: Enabled

Inter-App Audio: Disabled

Passbook: Disabled

Push Notifications: Disabled

Done

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Certificates, Identifiers & Profiles

Day Min Yuh ▾

iOS Apps ▾

Certificates

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- Pending
- Development
- Production

Identifiers

- App IDs
- Pass Type IDs
- Website Push IDs

Devices

- All

Provisioning Profiles

- All

iOS App IDs



1 App IDs Total

Name	ID
Myday Mobile App	com.imtku.smap.mydaymobileapp

3

Your Device has PERMISSION



Apple Inc. developer.apple.com/account/ios/device/deviceLanding.action — iOS Devices — Apple Developer

Reader

Developer

TechnologiesResourcesProgramsSupportMember Center

Search Developer

Certificates, Identifiers & Profiles

Day Min Yuh

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iOS Devices

+⌵🔍



Getting Started with iOS Devices

To install apps and pre-release versions of iOS on a development device, you must first register that device using its unique device identifier (UDID).


Register Devices with Xcode

Xcode is the easiest way to register your iOS device. Connect your device to your Mac and click Use for Development in Xcode's Organizer window. Sign in with the Apple ID associated with your iOS Developer Program membership and Xcode will register the UDID of your device to your iOS development team.

Register Devices Manually

If you wish to upload multiple device IDs, team agents and admins can [manually register devices](#).

Learn More

 [App Distribution Guide](#)

Unique Device Identifier (UDID)

The screenshot shows the iTunes application window. On the left is a sidebar with categories: LIBRARY (Music, Movies, TV Shows, Apps), STORE (iTunes Store), DEVICES (iMyday iPhone), SHARED (Home Sharing), GENIUS (Genius), and PLAYLISTS (various music playlists). The main area displays the 'Summary' page for an 'iPhone 4'. The device is named 'iMyday iPhone', has 32GB of storage (77% full), and is running iOS 7.0.4. The 'Identifier (UDID)' is shown as '00f35c...' and is highlighted with a red rectangular box. Below the summary are sections for 'Backups' (with options for iCloud or this computer) and 'Options' (with checkboxes for syncing). At the bottom, a progress bar shows 'Photos' and 'Apps' syncing, with '17.31 GB Free' space remaining and a 'Sync' button.

iPhone 4

iMyday iPhone
32GB 77%
Capacity: 28.30 GB
Phone Number: +
Identifier (UDID): 00f35c...

iOS 7.0.4
Your iPhone software is up to date. iTunes will automatically check for an update again on 2013/11/28.

Check for Update Restore iPhone...

Backups

Automatically Back Up

- ☒ iCloud
Back up the most important data on your iPhone to iCloud.
- ☐ This computer
A full backup of your iPhone will be stored on this computer.

☒ Encrypt iPhone backup
This will also back up account passwords used on this iPhone.
Change Password...

Manually Back Up and Restore
Manually back up your iPhone to this computer or restore a backup stored on this computer.

Back Up Now Restore Backup...

Latest Backups:
Today 下午12:00 to iCloud
2013/9/29 上午10:20 to this computer

Options

- ☒ Automatically sync when this iPhone is connected
- ☐ Sync with this iPhone over Wi-Fi
- ☐ Sync only checked songs and videos

Photos Apps 17.31 GB Free Sync

Unique Device Identifier (UDID)

The screenshot shows the iTunes application window with the 'Summary' page selected for an iPhone 6. The interface includes a top menu bar with 'iTunes', 'File', 'Edit', 'View', 'Controls', 'Store', 'Window', and 'Help'. A status bar at the top right shows system icons and a search bar. The left sidebar contains navigation options like 'Summary', 'Apps', 'Music', 'Movies', 'TV Shows', 'Books', 'Photos', 'Info', and 'On My Device'. The main content area displays the following information:

- iPhone 6**
- Capacity:** 55.97 GB
- Phone Number:** +886 933-282-012
- Serial Number:** C38NGV24G5MV (highlighted with a red box)
- iOS 8.1**
Your iPhone software is up to date. iTunes will automatically check for an update again on 2014/11/12.
- Backups**
 - Automatically Back Up**
 - ☒ **iCloud**
Back up the most important data on your iPhone to iCloud.
 - ☐ **This computer**
A full backup of your iPhone will be stored on this computer.
 - ☐ **Encrypt iPhone backup**
This will also back up account passwords used on this iPhone.
[Change Password...](#)
 - Manually Back Up and Restore**
Manually back up your iPhone to this computer or restore a backup stored on this computer.
[Back Up Now](#) [Restore Backup...](#)
 - Latest Backup:**
Today 下午13:36 to iCloud
- Options**
 - ☒ **Automatically sync when this iPhone is connected**
 - ☐ **Sync with this iPhone over Wi-Fi**
 - ☐ **Sync only checked songs and videos**

At the bottom of the window, a progress bar shows 'Apps' being synced, with '47.23 GB Free' and a 'Sync' button.

Unique Device Identifier (UDID)

The screenshot shows the iTunes application window with the 'iPhone 6' selected. The left sidebar contains a 'Settings' section with 'Summary' selected, and an 'On My Device' section with various media categories. The main pane displays the 'iPhone 6' summary page, which includes the device's capacity (55.97 GB), phone number (+886 933-282-012), and the Unique Device Identifier (UDID: 65F4397B9A2B62F1C84B66CD149C92D07EB392F8). The UDID is highlighted with a red rectangle. Below the UDID, the text '65f4397b9a2b62f1c84b66cd149c92d07eb3****' is displayed in orange. The 'Backups' section shows the 'Automatically Back Up' option selected, with a 'Change Password...' button. The 'Manually Back Up and Restore' section includes 'Back Up Now' and 'Restore Backup...' buttons. The 'Options' section at the bottom shows the 'Automatically sync when this iPhone is connected' option checked.

iTunes File Edit View Controls Store Window Help

iMyday_iPhone 6

iMyday_iPhone 6 64GB 100%

Settings

- Summary
- Apps
- Music
- Movies
- TV Shows
- Books
- Photos
- Info

On My Device

- Music
- Movies
- TV Shows
- Books
- Audiobooks
- Tones

iPhone 6

Capacity: 55.97 GB

Phone Number: +886 933-282-012

UDID: 65F4397B9A2B62F1C84B66CD149C92D07EB392F8

iOS 8.1

Your iPhone software is up to date. iTunes will automatically check for an update again on 2014/11/12.

Check for Update Restore iPhone...

65f4397b9a2b62f1c84b66cd149c92d07eb3****

Backups

Automatically Back Up

- ☒ iCloud
Back up the most important data on your iPhone to iCloud.
- ☐ This computer
A full backup of your iPhone will be stored on this computer.
- ☐ Encrypt iPhone backup
This will also back up account passwords used on this iPhone.
Change Password...

Manually Back Up and Restore

Manually back up your iPhone to this computer or restore a backup stored on this computer.

Back Up Now Restore Backup...

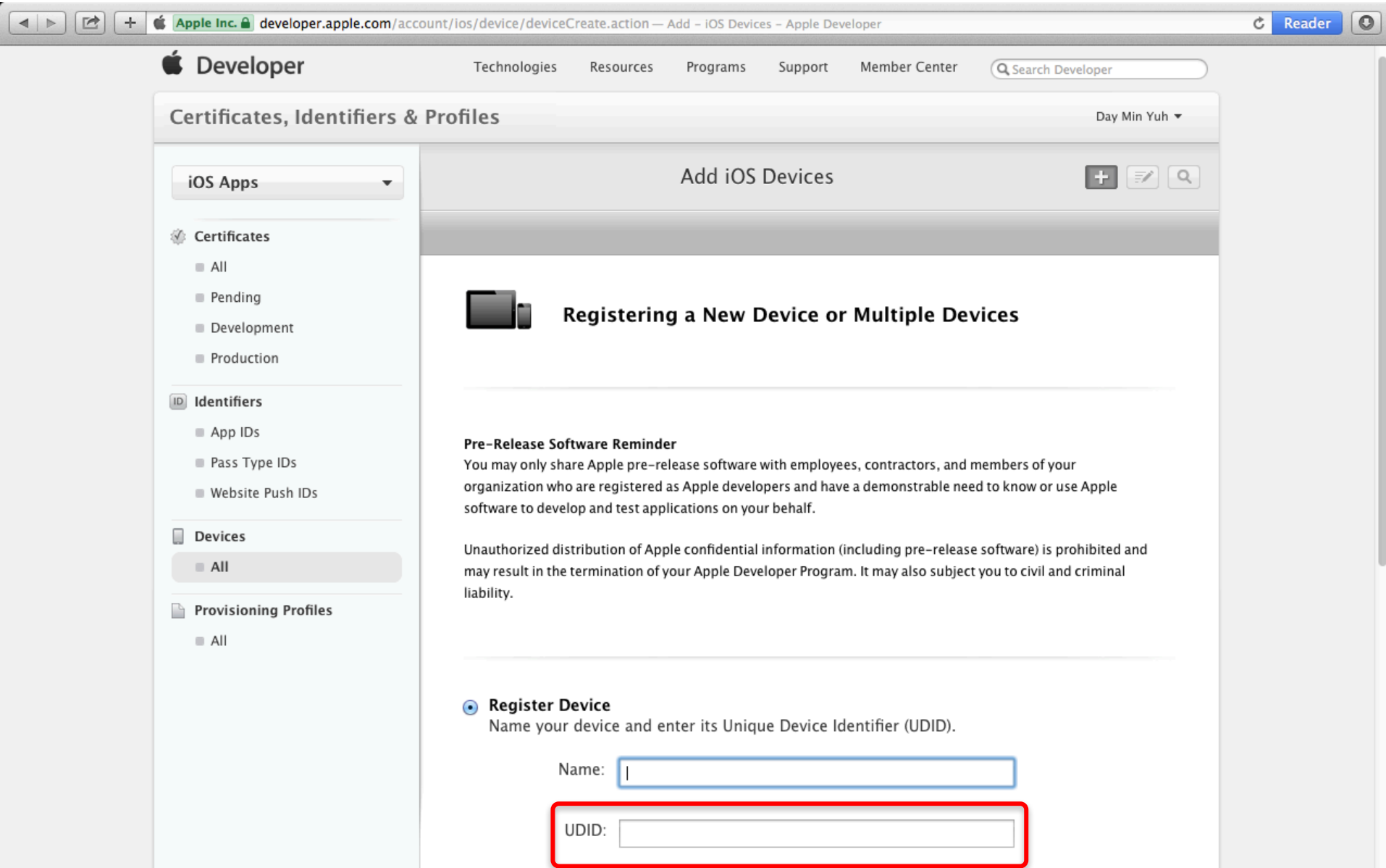
Latest Backup:
Today 下午13:36 to iCloud

Options

- ☒ Automatically sync when this iPhone is connected
- ☐ Sync with this iPhone over Wi-Fi
- ☐ Sync only checked songs and videos

47.23 GB Free Sync

Unique Device Identifier (UDID)



Apple Inc. developer.apple.com/account/ios/device/deviceCreate.action — Add - iOS Devices - Apple Developer

Developer Technologies Resources Programs Support Member Center Search Developer

Certificates, Identifiers & Profiles

Day Min Yuh ▾

iOS Apps ▾

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 - Production
- ID Identifiers
 - App IDs
 - Pass Type IDs
 - Website Push IDs
- 📱 Devices
 - All
- 📄 Provisioning Profiles
 - All

Add iOS Devices

+ ✎ 🔍

Registering a New Device or Multiple Devices

Pre-Release Software Reminder
You may only share Apple pre-release software with employees, contractors, and members of your organization who are registered as Apple developers and have a demonstrable need to know or use Apple software to develop and test applications on your behalf.

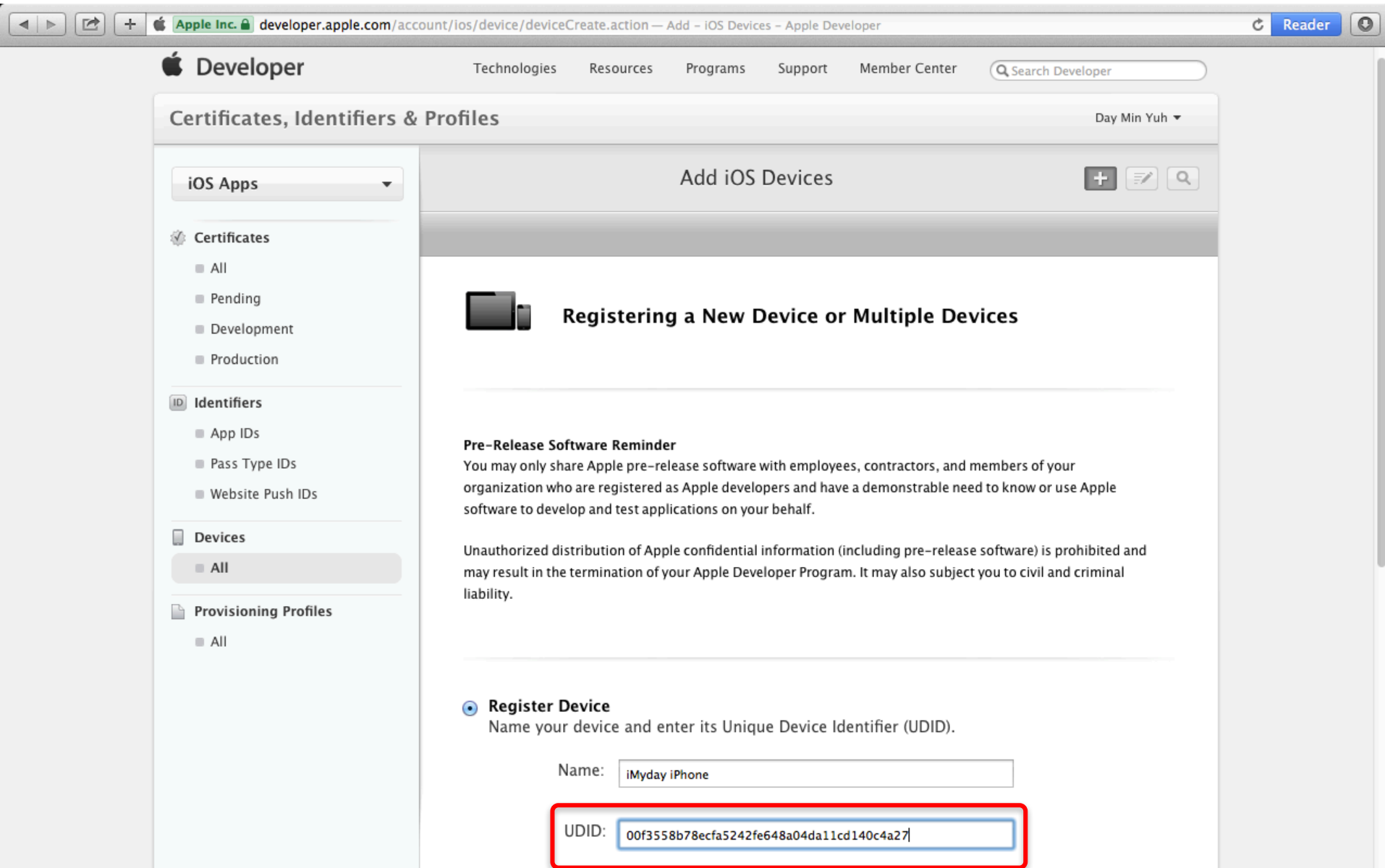
Unauthorized distribution of Apple confidential information (including pre-release software) is prohibited and may result in the termination of your Apple Developer Program. It may also subject you to civil and criminal liability.

• **Register Device**
Name your device and enter its Unique Device Identifier (UDID).

Name:

UDID:

Unique Device Identifier (UDID)



Apple Inc. developer.apple.com/account/ios/device/deviceCreate.action — Add - iOS Devices - Apple Developer

Developer Technologies Resources Programs Support Member Center Search Developer

Certificates, Identifiers & Profiles Day Min Yuh

iOS Apps

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- Devices
 - All
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 - All

Add iOS Devices

Registering a New Device or Multiple Devices

Pre-Release Software Reminder
You may only share Apple pre-release software with employees, contractors, and members of your organization who are registered as Apple developers and have a demonstrable need to know or use Apple software to develop and test applications on your behalf.

Unauthorized distribution of Apple confidential information (including pre-release software) is prohibited and may result in the termination of your Apple Developer Program. It may also subject you to civil and criminal liability.

Register Device
Name your device and enter its Unique Device Identifier (UDID).

Name: iMyday iPhone

UDID: 00f3558b78ecfa5242fe648a04da11cd140c4a27

Unique Device Identifier (UDID)

The screenshot shows the Apple Developer portal interface. On the left is a sidebar with navigation links: App IDs, Pass Type IDs, Website Push IDs, Devices (selected), and Provisioning Profiles. Under 'Devices', 'All' is selected. The main content area has a 'Pre-Release Software Reminder' at the top, followed by a 'Register Device' section highlighted with a red border. This section contains a form with 'Name' (iMyday iPhone) and 'UDID' (00f3558b78ecfa5242fe648a04da11cd140c4a27) fields. Below this is a 'Register Multiple Devices' section with a 'Choose File...' button. At the bottom, 'Cancel' and 'Continue' buttons are visible, with 'Continue' highlighted by a red border.

Apple Inc. developer.apple.com/account/ios/device/deviceCreate.action — Add — iOS Devices — Apple Developer

App IDs

Pass Type IDs

Website Push IDs

Devices

All

Provisioning Profiles

All

Pre-Release Software Reminder

You may only share Apple pre-release software with employees, contractors, and members of your organization who are registered as Apple developers and have a demonstrable need to know or use Apple software to develop and test applications on your behalf.

Unauthorized distribution of Apple confidential information (including pre-release software) is prohibited and may result in the termination of your Apple Developer Program. It may also subject you to civil and criminal liability.

☒ **Register Device**

Name your device and enter its Unique Device Identifier (UDID).

Name: iMyday iPhone

UDID: 00f3558b78ecfa5242fe648a04da11cd140c4a27

☐ **Register Multiple Devices**

Upload a file containing the devices you wish to register. Please note that a maximum of 100 devices can be included in your file and it may take a few minutes to process.

[Download sample files](#)

Choose File...

Cancel Continue

Apple Inc. developer.apple.com/account/ios/device/deviceCreate.action?formID=84494796 — Add — iOS Devices — Apple Developer Reader

Developer Technologies Resources Programs Support Member Center Search Developer

Certificates, Identifiers & Profiles


Day Min Yuh ▾

iOS Apps ▾

- ✓ Certificates
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 - Production
- ID Identifiers
 - App IDs
 - Pass Type IDs
 - Website Push IDs
- 📱 Devices
 - All
- 📄 Provisioning Profiles
 - All

Add iOS Devices

+ ✎ 🔍

 **Review and register.**

Confirm the device information is correct. Once this device is registered, you will not be able to edit the UDID and can only edit the name or disable it.

Name: iMyday iPhone
UDID: 00f3558b78ecfa5242fe648a04da11cd140c4a27

You can register 200 devices.
The maximum number of devices you can register per membership year is 200. You may reset your device list at the start of your next membership year.

Cancel Back **Register**

Certificates, Identifiers & Profiles

Day Min Yuh ▾

iOS Apps ▾

Certificates

- All
- Pending
- Development
- Production

Identifiers

- App IDs
- Pass Type IDs
- Website Push IDs

Devices

- All

Provisioning Profiles

- All

Add iOS Devices



Registration complete.

Your device has been registered and can now be included in provisioning profiles for app development and installation. Registered devices are also eligible to install pre-release versions of iOS. For step-by-step instructions review the following:

[App Distribution Guide](#)

Add More

Done

Certificates, Identifiers & Profiles

Day Min Yuh ▾

iOS Apps ▾

Certificates

- All
- Pending
- Development
- Production

Identifiers

- App IDs
- Pass Type IDs
- Website Push IDs

Devices

- All

Provisioning Profiles

- All

iOS Devices



Reset your device list before adding any new devices.

Get Started

You can register 199 additional devices.

Name	UDID
iMyday iPhone	00f3558b78ecfa5242fe648a04da11cd140c4a27

Apple Inc. developer.apple.com/account/ios/profile/profileLanding.action — iOS Provisioning Profiles — Apple Developer

Reader

Developer

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Search Developer

Certificates, Identifiers & Profiles

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Identifiers

App IDSPass Type IDsWebsite Push IDs

Devices


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Provisioning Profiles

All

iOS Provisioning Profiles

+⌵🔍



Getting Started with iOS Provisioning Profiles

Provisioning profiles allow you to install apps onto your iOS devices. A provisioning profile includes signing certificates, device identifiers, and an App ID. Development provisioning profiles are used to build and install versions of your app during the development cycle, while distribution provisioning profiles are used to submit your apps to the App Store and distribute them to beta testers.

Generate Provisioning Profiles with Xcode

Xcode is the easiest way to create an iOS provisioning profile. Connect your device to your Mac and click Use for Development in Xcode's Organizer window. Sign in with the Apple ID associated with your iOS Developer Program membership and Xcode will generate a provisioning profile containing your certificate and device identifier.

Generate Provisioning Profiles Manually

Team agents and admins can [manually generate profiles](#).

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Certificates, Identifiers & Profiles

Day Min Yuh ▾

iOS Apps ▾

Certificates

- All
- Pending
- Development
- Production

Identifiers

- App IDs
- Pass Type IDs
- Website Push IDs

Devices

- All

Provisioning Profiles

- All

Add iOS Provisioning Profile



Select Type

Configure

Generate

Download



What type of provisioning profile do you need?

Development

- ☐ **iOS App Development**
Create a provisioning profile to install development apps on test devices.

Cancel

Continue

Certificates, Identifiers & Profiles

Day Min Yuh ▾

iOS Apps ▾

Certificates

- All
- Pending
- Development
- Production

Identifiers

- App IDs
- Pass Type IDs
- Website Push IDs

Devices

- All

Provisioning Profiles

- All

Add iOS Provisioning Profile



Select Type

Configure

Generate

Download



What type of provisioning profile do you need?

Development

- ☒ **iOS App Development**
Create a provisioning profile to install development apps on test devices.

Cancel

Continue

Certificates, Identifiers & Profiles

Day Min Yuh

iOS Apps

Certificates

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- Production

Identifiers

- App IDs
- Pass Type IDs
- Website Push IDs

Devices

- All

Provisioning Profiles

- All

Add iOS Provisioning Profile



Select Type

Configure

Generate

Download



Select App ID.

If you plan to use services such as Game Center, In-App Purchase, and Push Notifications, or want a Bundle ID unique to a single app, use an explicit App ID. If you want to create one provisioning profile for multiple apps or don't need a specific Bundle ID, select a wildcard App ID. Wildcard App IDs use an asterisk (*) as the last digit in the Bundle ID field. Please note that iOS App IDs and Mac App IDs cannot be used interchangeably.

App ID: Myday Mobile App (8369C9ES2Z.com.imtku.smap.mydaymobileapp)

Cancel

Back

Continue

Certificates, Identifiers & Profiles

Day Min Yuh ▾

iOS Apps ▾

Certificates

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- Pending
- Development
- Production

Identifiers

- App IDs
- Pass Type IDs
- Website Push IDs

Devices

- All

Provisioning Profiles

- All

Add iOS Provisioning Profile



Select Type

Configure

Generate

Download



Select certificates.

Select the certificates you wish to include in this provisioning profile. To use this profile to install an app, the certificate the app was signed with must be included.

☐ Select All

0 of 1 item(s) selected

☐ Day Min Yuh (iOS Development)

Cancel

Back

Continue

Certificates, Identifiers & Profiles

Day Min Yuh ▾

iOS Apps ▾

Certificates

- All
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Identifiers

- App IDs
- Pass Type IDs
- Website Push IDs

Devices

- All

Provisioning Profiles

- All

Add iOS Provisioning Profile



Select Type

Configure

Generate

Download



Select certificates.

Select the certificates you wish to include in this provisioning profile. To use this profile to install an app, the certificate the app was signed with must be included.

- | | |
|---|-------------------------|
| <input checked="" type="checkbox"/> Select All | 1 of 1 item(s) selected |
| <input checked="" type="checkbox"/> Day Min Yuh (iOS Development) | |

Cancel

Back

Continue

Certificates, Identifiers & Profiles

Day Min Yuh ▾

iOS Apps ▾

Certificates

- All
- Pending
- Development
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Identifiers

- App IDs
- Pass Type IDs
- Website Push IDs

Devices

- All

Provisioning Profiles

- All

Add iOS Provisioning Profile



Select Type

Configure

Generate

Download



Select devices.

Select the devices you wish to include in this provisioning profile. To install an app signed with this profile on a device, the device must be included.

☐ Select All

0 of 1 item(s) selected

☐ iMyday iPhone

Cancel

Back

Continue

Certificates, Identifiers & Profiles

Day Min Yuh ▾

iOS Apps ▾

Certificates

- All
- Pending
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Identifiers

- App IDs
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Devices

- All

Provisioning Profiles

- All

Add iOS Provisioning Profile



Select Type

Configure

Generate

Download



Select devices.

Select the devices you wish to include in this provisioning profile. To install an app signed with this profile on a device, the device must be included.

☒ Select All

1 of 1 item(s) selected

☒ iMyday iPhone

Cancel

Back

Continue

Certificates, Identifiers & Profiles

Day Min Yuh

iOS Apps

Certificates

- All
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Identifiers

- App IDs
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Devices

- All

Provisioning Profiles

- All

Add iOS Provisioning Profile



Select Type

Configure

Generate

Download



Name this profile and generate.

The name you provide will be used to identify the profile in the portal. You cannot use special characters such as @, &, *, ', " for your profile name.

Profile Name:

Type: Development

App ID: Myday Mobile App
(8369C9E52Z.com.imtku.smap.mydaymobileapp)

Certificates: 1 Included

Devices: 1 Included

Cancel

Back

Generate

Certificates, Identifiers & Profiles

Day Min Yuh

iOS Apps

Certificates

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Identifiers

- App IDs
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Devices

- All

Provisioning Profiles

- All

Add iOS Provisioning Profile



Select Type

Configure

Generate

Download



Name this profile and generate.

The name you provide will be used to identify the profile in the portal. You cannot use special characters such as @, &, *, ', " for your profile name.

Profile Name: MydayMobileApp

Type: Development

App ID: Myday Mobile App
(8369C9E52Z.com.imtku.smap.mydaymobileapp)

Certificates: 1 Included

Devices: 1 Included

Cancel

Back

Generate

Certificates, Identifiers & Profiles

Day Min Yuh ▾

iOS Apps ▾

Certificates

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- Development
- Production

Identifiers

- App IDs
- Pass Type IDs
- Website Push IDs

Devices

- All

Provisioning Profiles

- All

Add iOS Provisioning Profile



Select Type

Configure

Generate

Download



Your provisioning profile is ready.

Download and Install

Download and double click the following file to install your Provisioning Profile.



Name: MydayMobileApp
Type: Development
App ID: 8369C9ES2Z.com.imtku.smap.mydaymobileapp
Expires: Nov 23, 2014

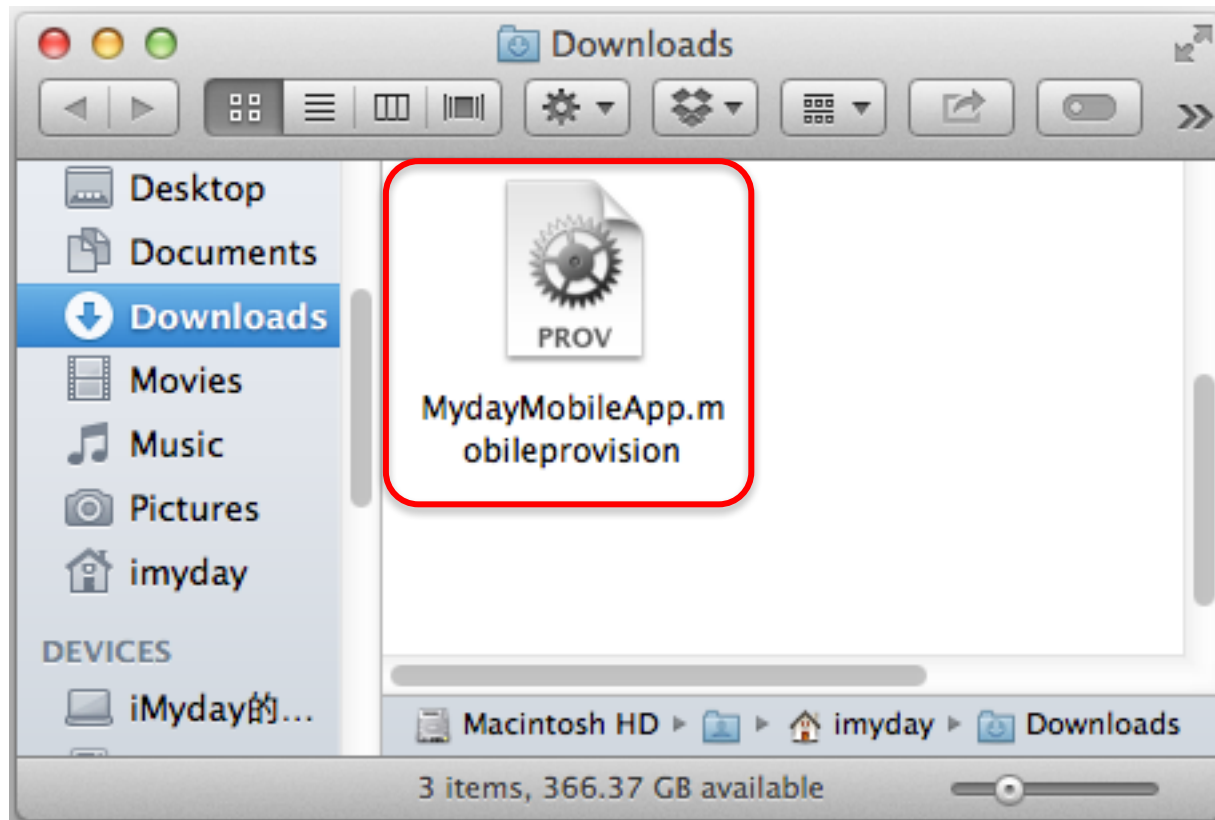
Download

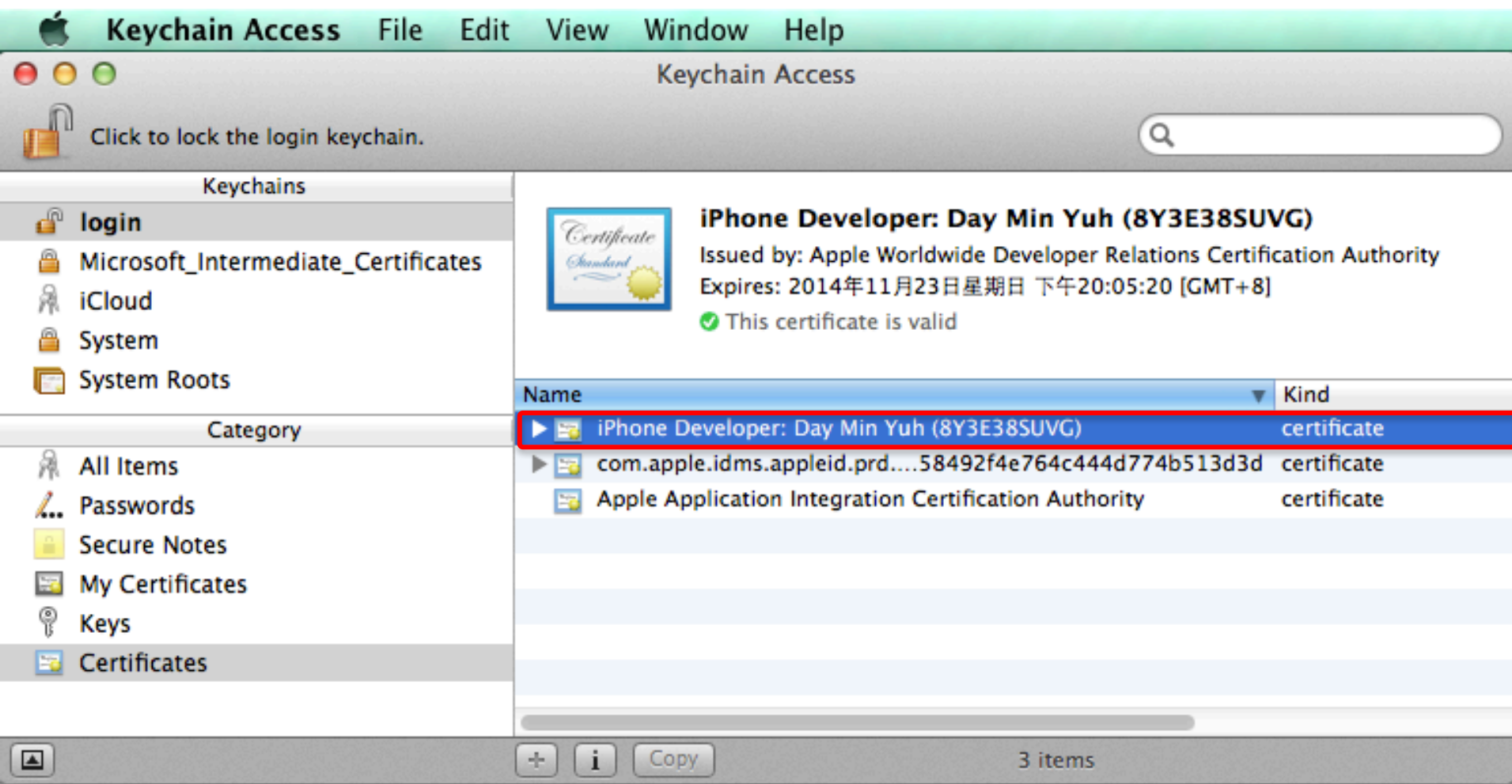
Documentation

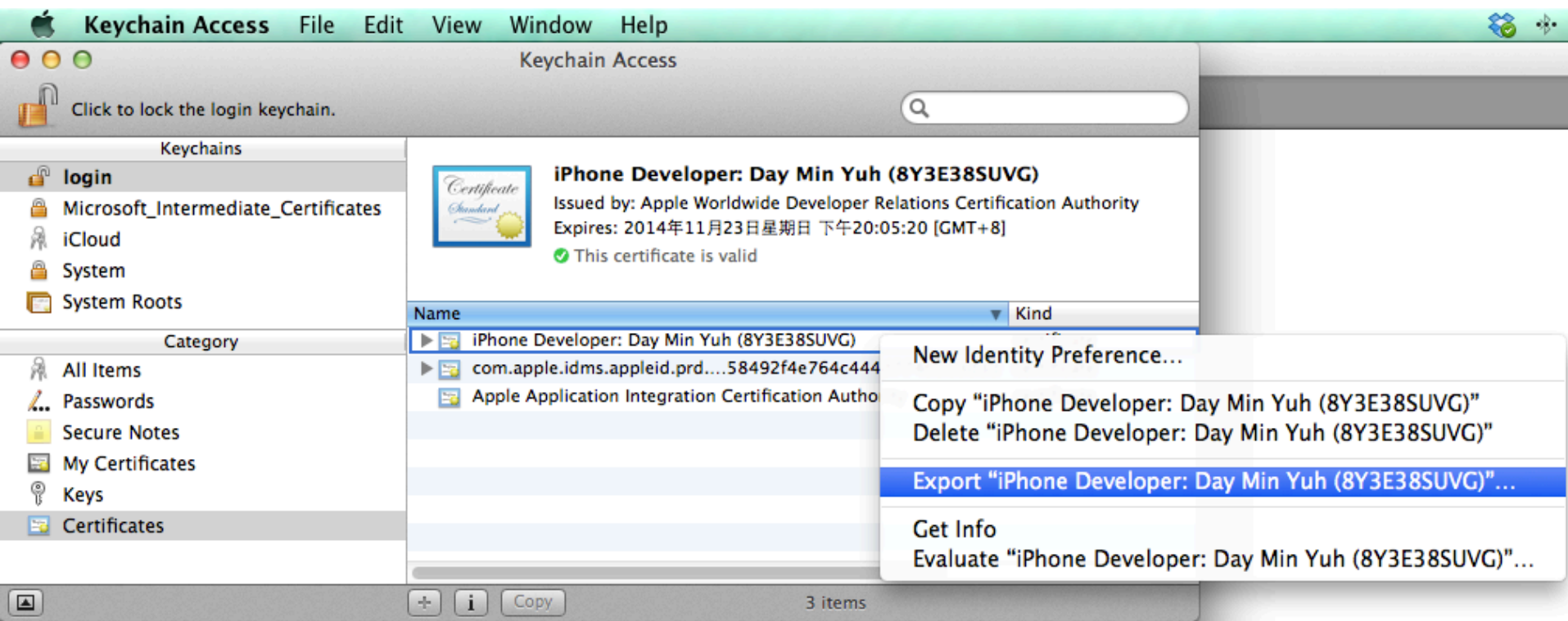
For more information on using and managing your Provisioning Profile read:

[App Distribution Guide](#)

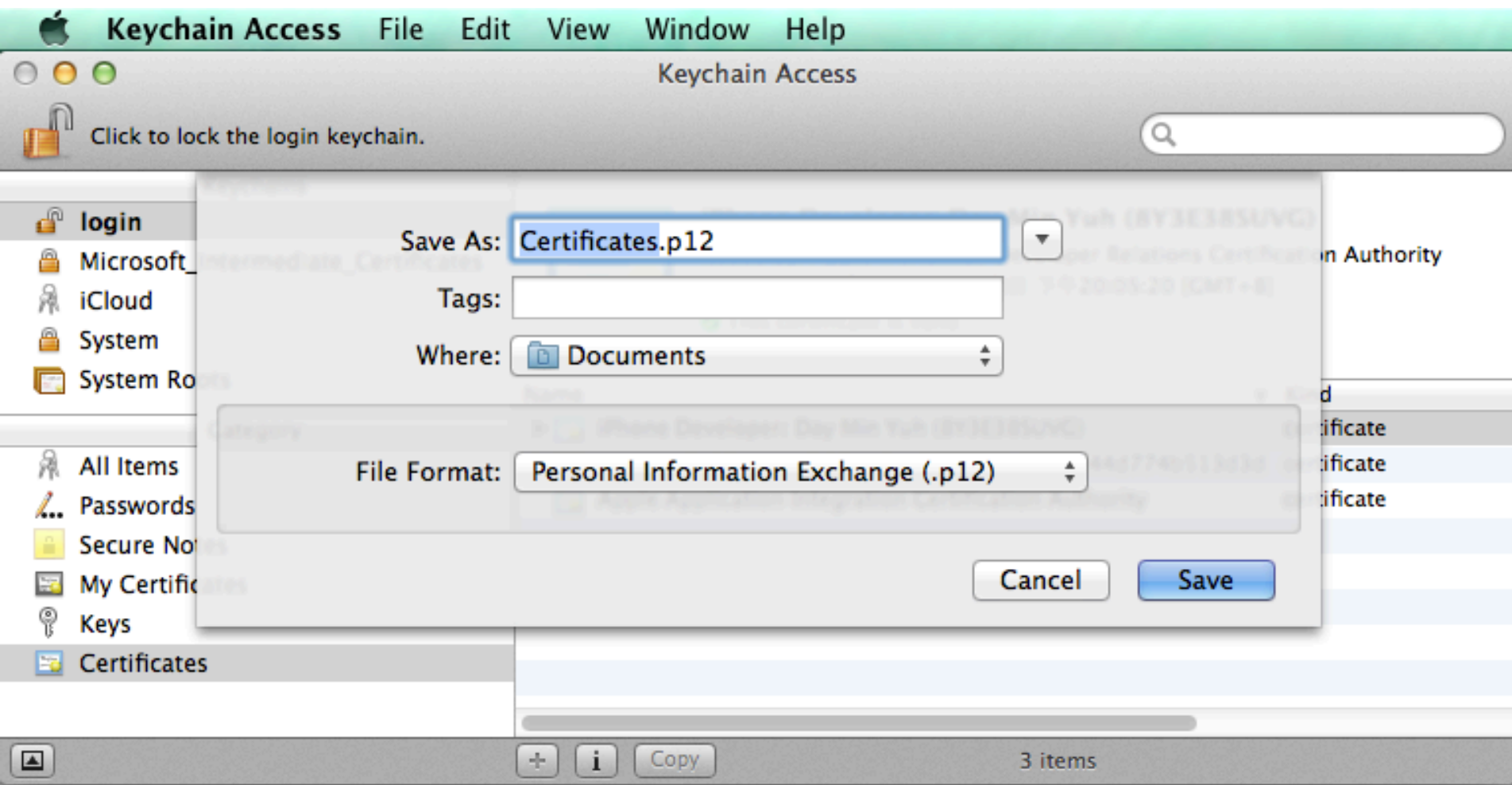
MydayMobileApp.mobileprovision







Certificates.p12





Enter a password which will be used to protect the exported items:

Password:



Verify:

Password Strength: Weak



Cancel

OK



Enter a password which will be used to protect the exported items:

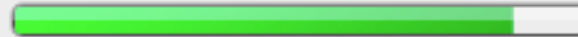
Password:

.....



Verify:

.....



Password Strength: Excellent



Cancel

OK



**Keychain Access wants to export key "iMyday"
from your keychain.**

To allow this, enter the "login" keychain password.

Password:

.....



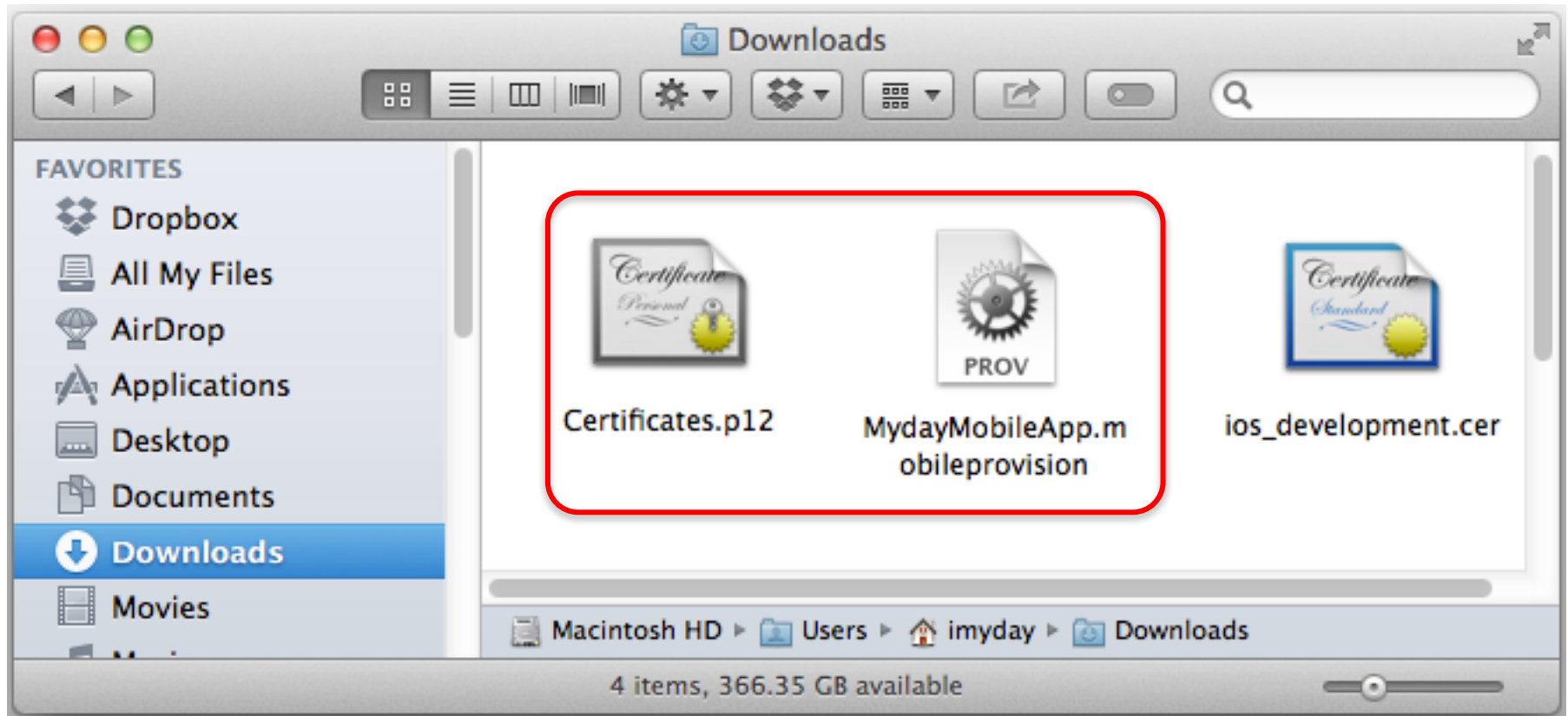
Always Allow

Deny

Allow

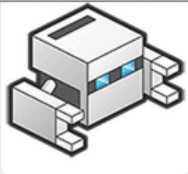
Certificates.p12

MydayMobileApp.mobileprovision




Adobe PhoneGap Build

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Myday Mobile App

Myday Mobile App for Prof. Min-Yuh Day, Department of Information Management, Tamkang University



Install

Update code

Rebuild all

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Settings

App ID	Version	PhoneGap	Owned by	Last built (18)	Source
573842	1.0.0	2.9.0	imyday@gmail.com	8 minutes	zip package

ios

No key selected

title

certificate (p12) file

Choose File

No file chosen

provisioning profile

Choose File

No file chosen

cancel

submit key

Rebuild

Error

No key selected

Rebuild

apk

Rebuild

xap

No key selected

Rebuild

OTA install

Rebuild


ipk

i

Rebuild

wgz

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Myday Mobile App

Update code Rebuild all

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App ID	Version	PhoneGap	Owned by
573842	1.0.0	2.9.0	imyday

iOS No key selected Rebuild Error

title Myday Mobile App

certificate (p12) file Choose File No file chosen

provisioning profile Choose File No file chosen

cancel submit key

Downloads

Certificates.p12

ios_development.cer

MydayMobileApp.mobileprovision

Cancel Open

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Myday Mobile App

Update code Rebuild all

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App ID	Version	PhoneGap	Owned by
573842	1.0.0	2.9.0	imyday

iOS No key selected

Rebuild Error

Rebuild xap

Rebuild ipk

title: Myday Mobile App

certificate (p12) file: Choose File Certificates.p12

provisioning profile: Choose File No file chosen

Cancel Open

MydayMobileApp.mobileprovision

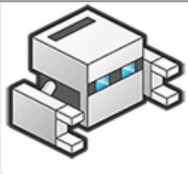
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Install 

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Settings

App ID	Version	PhoneGap	Owned by	Last built (18)	Source
573842	1.0.0	2.9.0	imyday@gmail.com	10 days	zip package

ios

No key selected

Rebuild

Error

Android

No key selected

Rebuild

apk

Windows

No key selected

Rebuild

OTA install

BlackBerry

No key selected

Rebuild

OTAs

Windows Phone

No key selected

Rebuild

wgz

title

Myday Mobile App

certificate (p12) file

Choose File

Certificates.p12

provisioning profile


Choose File

MydayMobileA...ileprovision

cancel

submit key

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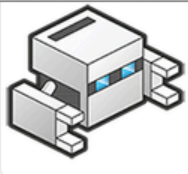
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573842	1.0.0	2.9.0	imyday@gmail.com	10 days	zip package

ios

Myday Mobile App



Rebuild

Error

No key selected

Rebuild

apk

Rebuild

xap

No key selected

Rebuild

OTA install

Rebuild

ipk

Rebuild

wgz

Language:
English

Navigation

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Builds Plugins Collaborators Settings

App ID	Version	PhoneGap	Owned by	Last built (18)	Source
573842	1.0.0	2.9.0	imyday@gmail.com	10 days	zip package

iOS Myday Mobile App  Rebuild Error

Android No key selected Rebuild apk

Windows No key selected Rebuild OTA install

hp No key selected Rebuild wgz

Unlock key `Myday Mobile App`

certificate password

☐ Set as your default key

This key will be unlocked for one month

cancel submit key

Language: English

Navigation

Apps

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Install

Update code Rebuild all

Builds Plugins Collaborators Settings

App ID 573842 Version 1.0.0 PhoneGap 2.9.0 Owned by imyday@gmail.com Last built (18) 10 days Source zip package

IOS Myday Mobile App

Rebuild

No key selected

Rebuild apk

No key selected

Rebuild OTA install

Rebuild wgz

Unlock key `Myday Mobile App`

certificate password

☐ Set as your default key

This key will be unlocked for one month

cancel submit key

Language: English

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certificate password

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App ID	Version	PhoneGap	Owned by	Last built (18)	Source
573842	1.0.0	2.9.0	imyday@gmail.com	10 days	zip package

ios

Myday Mobile App

Rebuild

Error

No key selected

Rebuild

Rebuild

No key selected

Rebuild

Rebuild

Rebuild

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← → ↺

https://build.phonegap.com/apps/573842/builds

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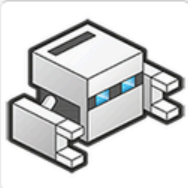
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📄 Install

👁

📄 Update code

⚙ Rebuild all

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⚙ Settings

App ID	Version	PhoneGap	Owned by	Last built (18)	Source
573842	1.0.0	2.9.0	imyday@gmail.com	10 days	zip package

ios

Myday Mobile App

▼

pending

🤖

No key selected

▼

⚙ Rebuild

📄 apk

🪟

⚙ Rebuild

📄 xap

📱

No key selected

▼

⚙ Rebuild

📄 OTA install

hp

⚙ Rebuild

📄 ipk

📄

⚙ Rebuild

📄 wgz

Feedback

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https://build.phonegap.com/apps/573842/builds

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Settings

App ID	Version	PhoneGap	Owned by	Last built (19)	Source
573842	1.0.0	2.9.0	imyday@gmail.com	1 minute	zip package

ios

Myday Mobile App

▼

No key selected

▼

No key selected

▼

Feedback

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Update code Rebuild all

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App ID	Version	PhoneGap	Owned by	Last built (19)	Source
573842	1.0.0	2.9.0	imyday@gmail.com	1 minute	zip package

ios Myday Mobile App Rebuild ipa

android No key selected Rebuild apk

wp No key selected Rebuild OTA install

hp Rebuild ipk

MydayMobileApp.ipa 3.2/5.4 MB, 7 secs left

Show All

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← → ↺

https://build.phonegap.com/apps/573842/builds

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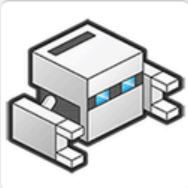
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📄 Install

👁

🔑 Update code

⚙ Rebuild all

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👥 Collaborators

⚙ Settings

App ID	Version	PhoneGap	Owned by	Last built (19)	Source
573842	1.0.0	2.9.0	imyday@gmail.com	1 minute	zip package

ios

Myday Mobile App ▼

⚙ Rebuild

📄 ipa

android

No key selected ▼

⚙ Rebuild

📄 apk

windows

⚙ Rebuild

📄 xap

blackberry

No key selected ▼

⚙ Rebuild

📄 OTA install

hp

⚙ Rebuild

📄 ipk

webos

⚙ Rebuild

📄 wgz

📄 MydayMobileApp.ipa ▼

⬇ Show All ×

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Install on iOS Devices (iPhone/iPAD)


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Install

Update code Rebuild all

Builds Plugins Collaborators Settings

App ID	Version	PhoneGap	Owned by	Last built (19)	Source
573842	1.0.0	2.9.0	imyday@gmail.com	7 minutes	zip package

ios unlocked

✓ Myday Mobile App options

No key selected add a key ...

Rebuild ipa

Rebuild apk

Rebuild xap

Rebuild OTA install

Rebuild ipk

Rebuild wgz

Adobe PhoneGap Build

← → ↺ <https://build.phonegap.com/apps/573842/install> ☆ ☰

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☰

Install Myday Mobile App 1.0.0

android

apk

BlackBerry

OTA install

iOS

ipa

symbian

wgz

webOS

ipk

Windows Phone

xap

Language:

English

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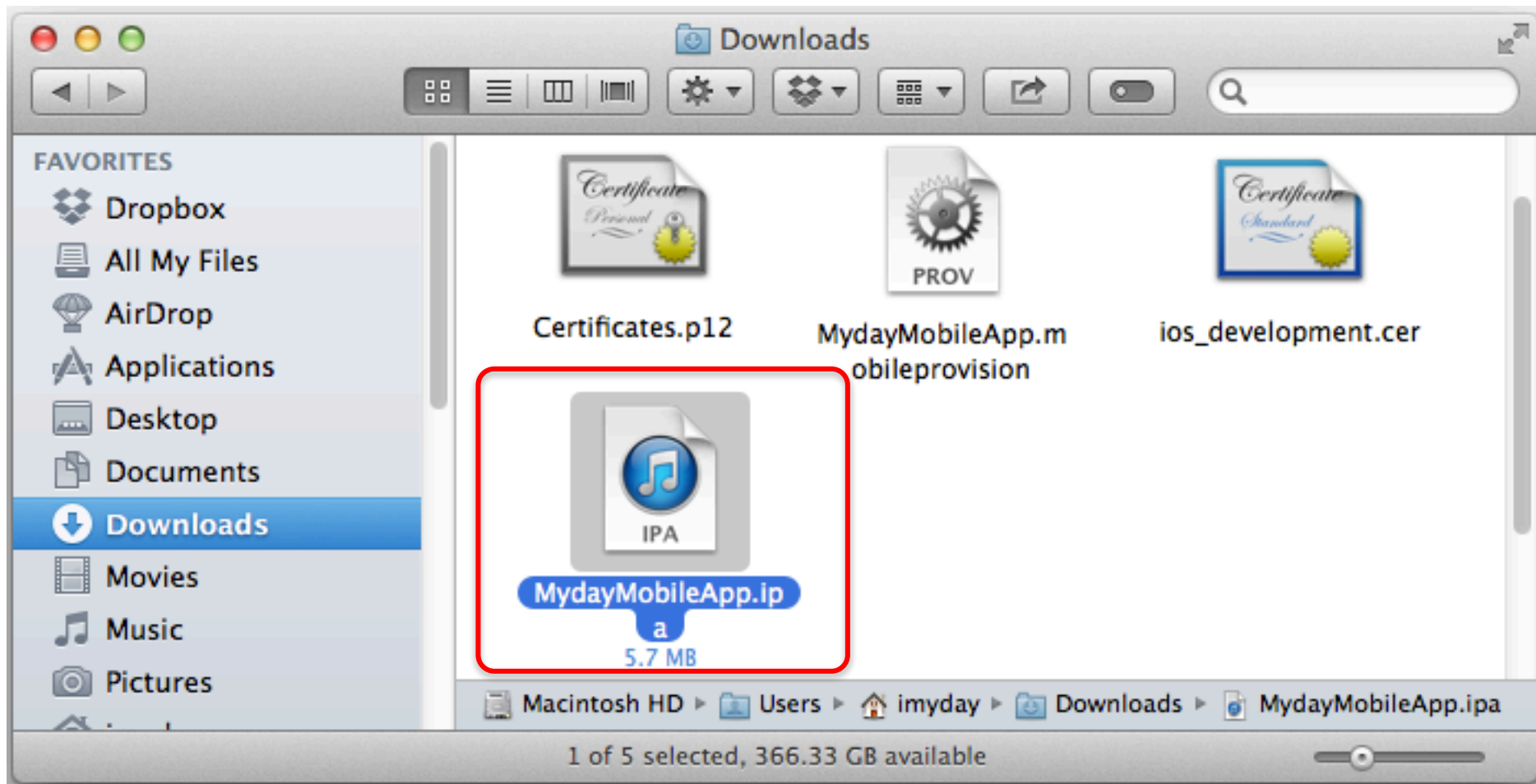
[Find out more](#)

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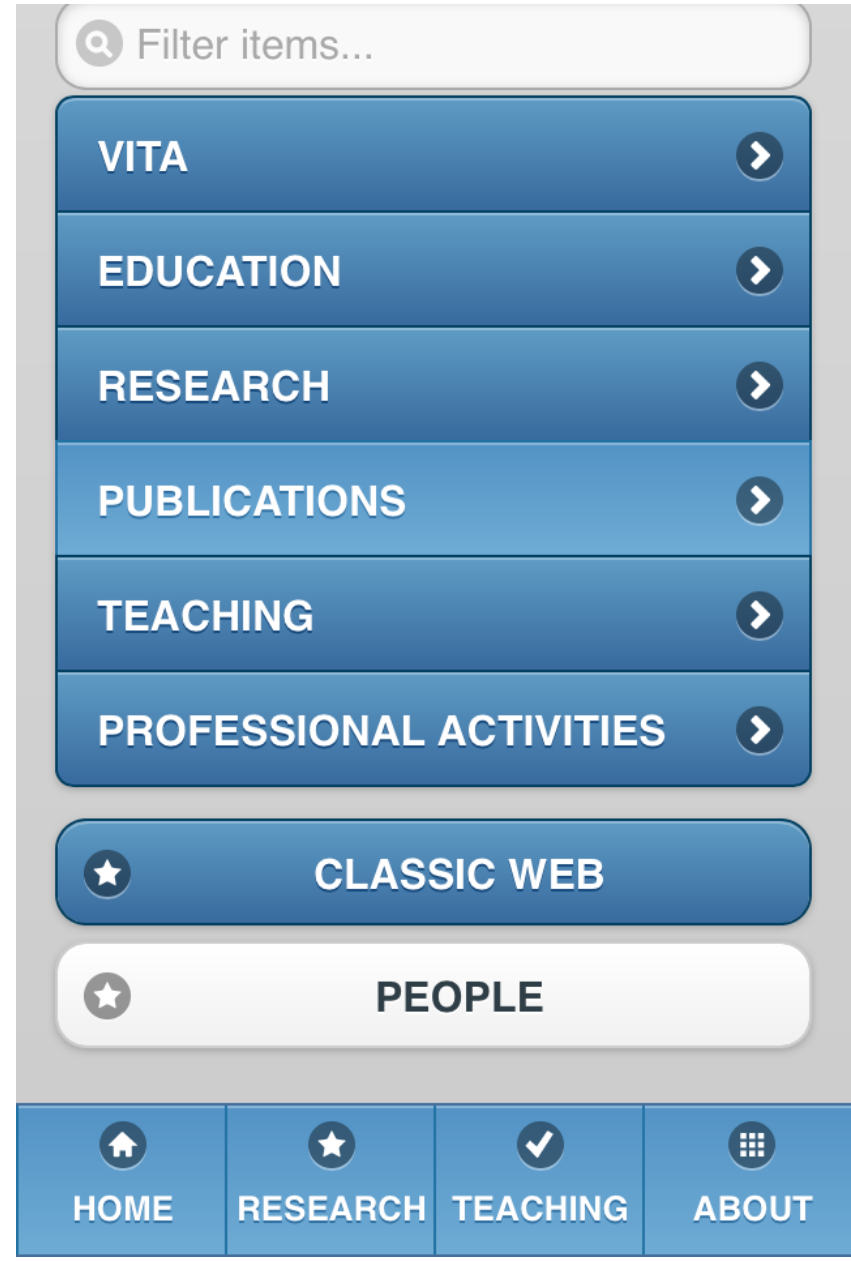
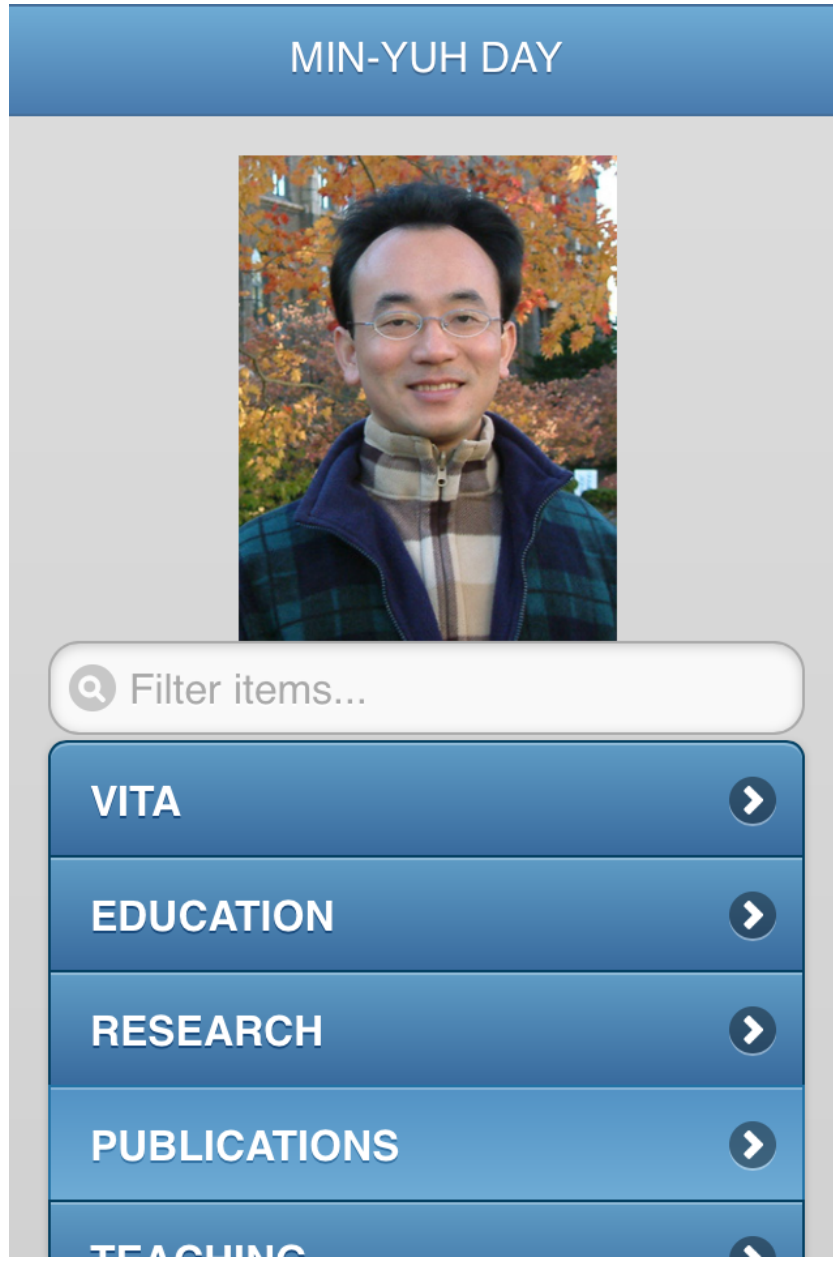
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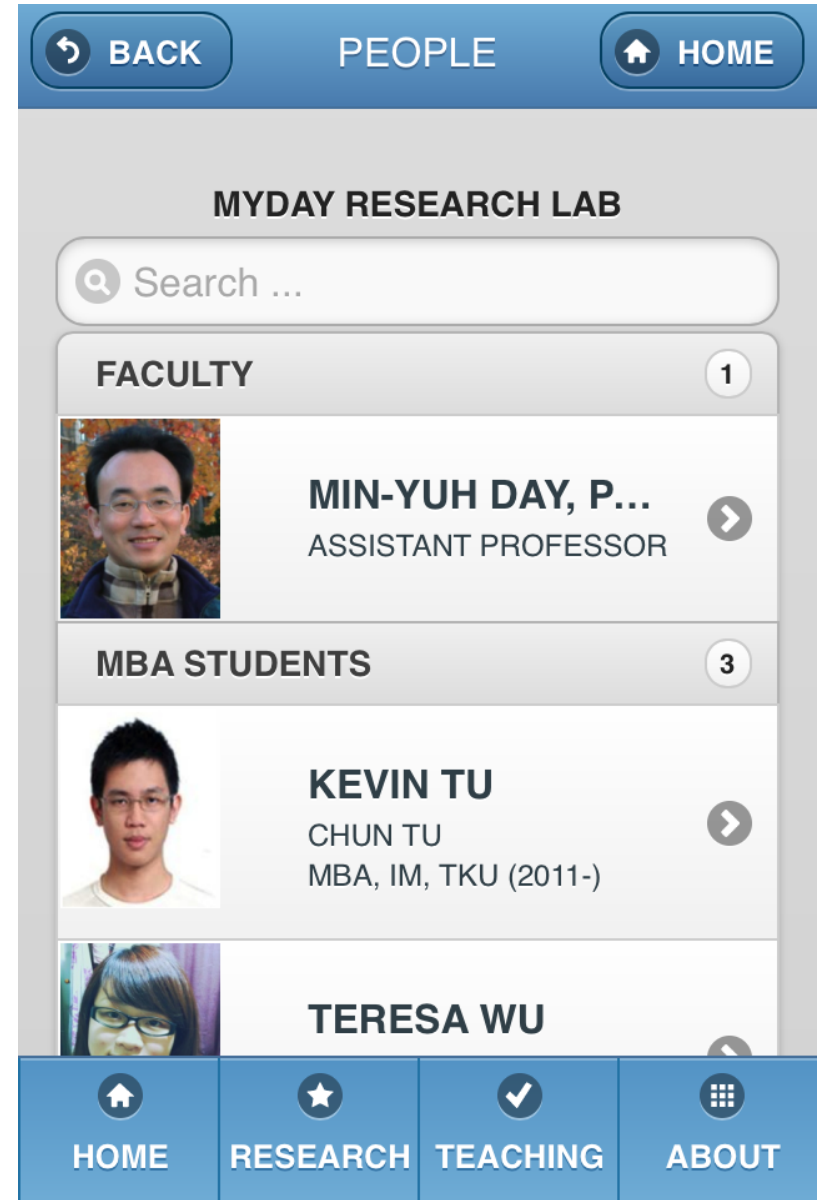
MydayMobileApp.ipa



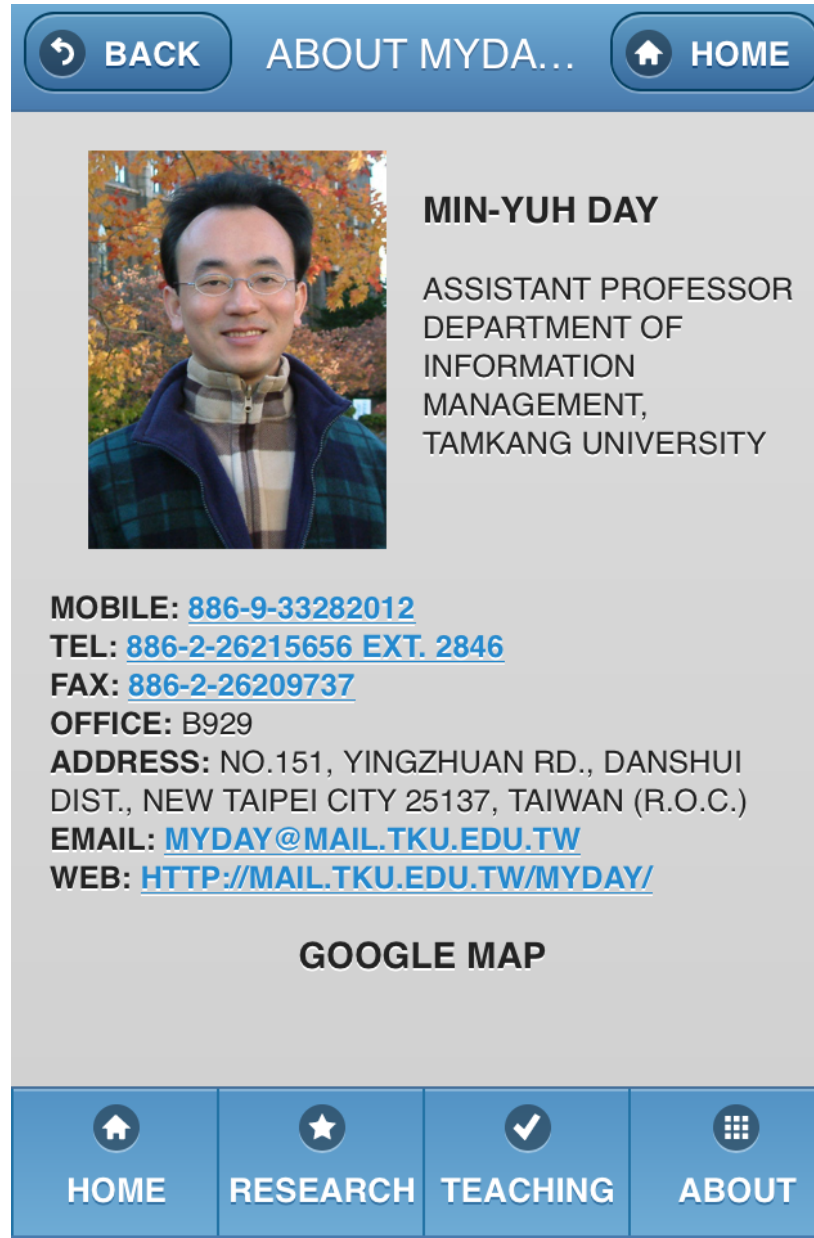
Test app.ipa on iOS Devices (iPhone)



Test app.ipa on iOS Devices (iPhone)



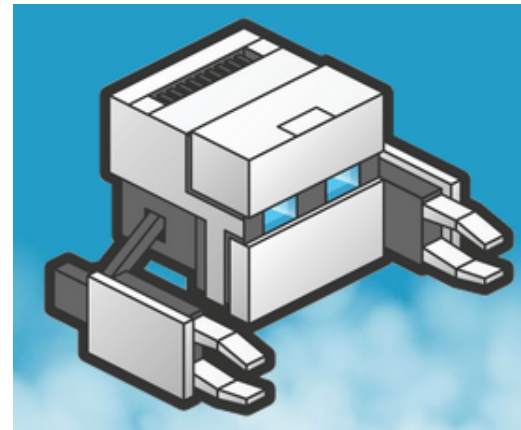
Test app.ipa on iOS Devices (iPhone)



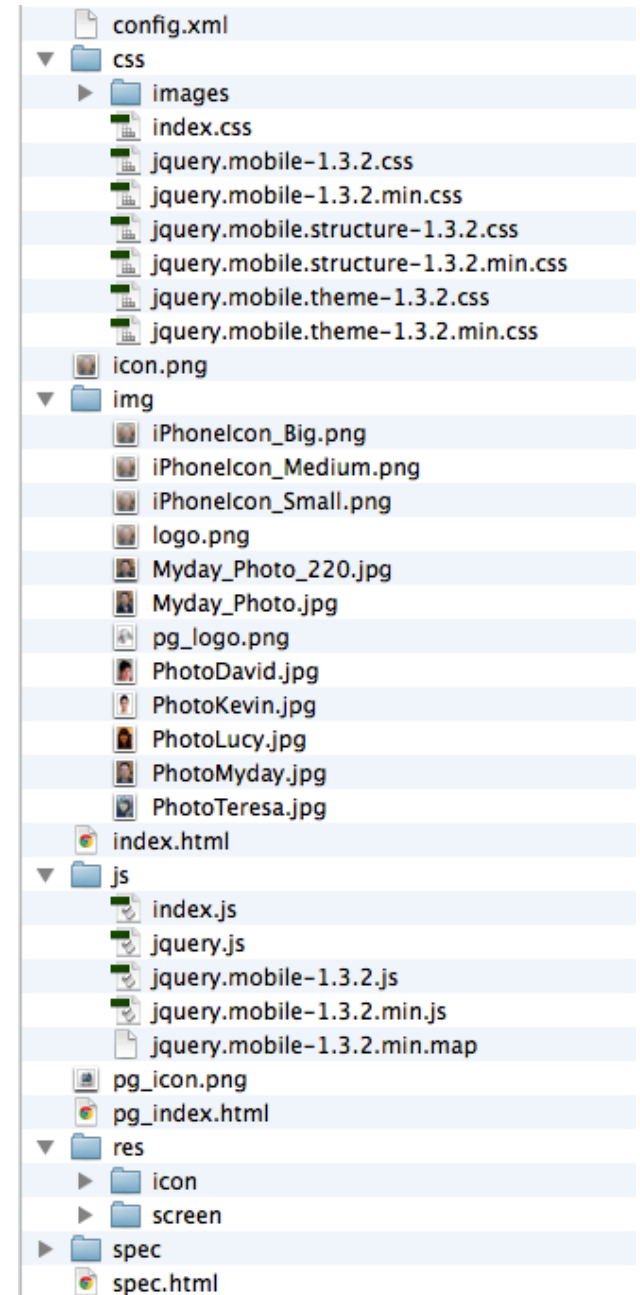
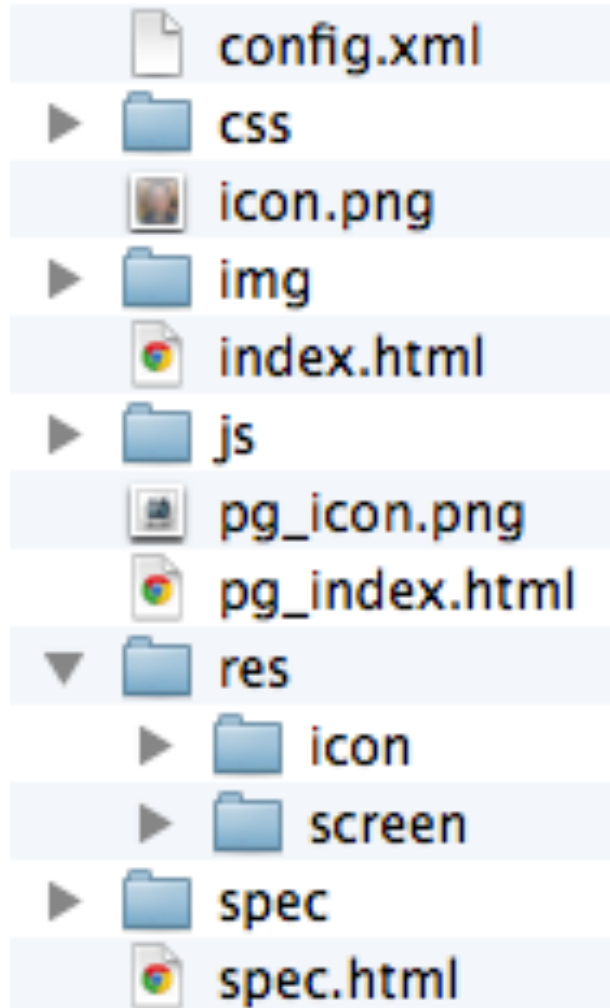
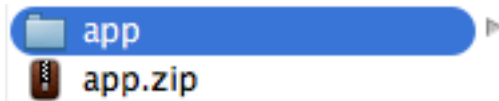
Demo

Testing and Refining Your App

<https://build.phonegap.com/>



app.zip



index.css

text-transform:uppercase;

SOCIAL MEDIA



text-transform:none;

Social Media

```
index.css
22
23 body {
24     -webkit-touch-callout: none;           /* prevent callout to copy image, etc when tap to hold */
25     -webkit-text-size-adjust: none;        /* prevent webkit from resizing text to fit */
26     -webkit-user-select: none;            /* prevent copy paste, to allow, change 'none' to 'text' */
27     background-color:#E4E4E4;
28     background-image:linear-gradient(top, #A7A7A7 0%, #E4E4E4 51%);
29     background-image:-webkit-linear-gradient(top, #A7A7A7 0%, #E4E4E4 51%);
30     background-image:-ms-linear-gradient(top, #A7A7A7 0%, #E4E4E4 51%);
31     background-image:-webkit-gradient(
32         linear,
33         left top,
34         left bottom,
35         color-stop(0, #A7A7A7),
36         color-stop(0.51, #E4E4E4)
37     );
38     background-attachment:fixed;
39     font-family:'HelveticaNeue-Light', 'HelveticaNeue', Helvetica, Arial, sans-serif;
40     font-size:12px;
41     height:100%;
42     margin:0px;
43     padding:0px;
44     text-transform:uppercase;
45     width:100%;
46 }
```

<!--PhoneGap-->
<link rel="stylesheet" type="text/css" href="css/index.css" />

text-transform:uppercase;

SOCIAL MEDIA

index.css



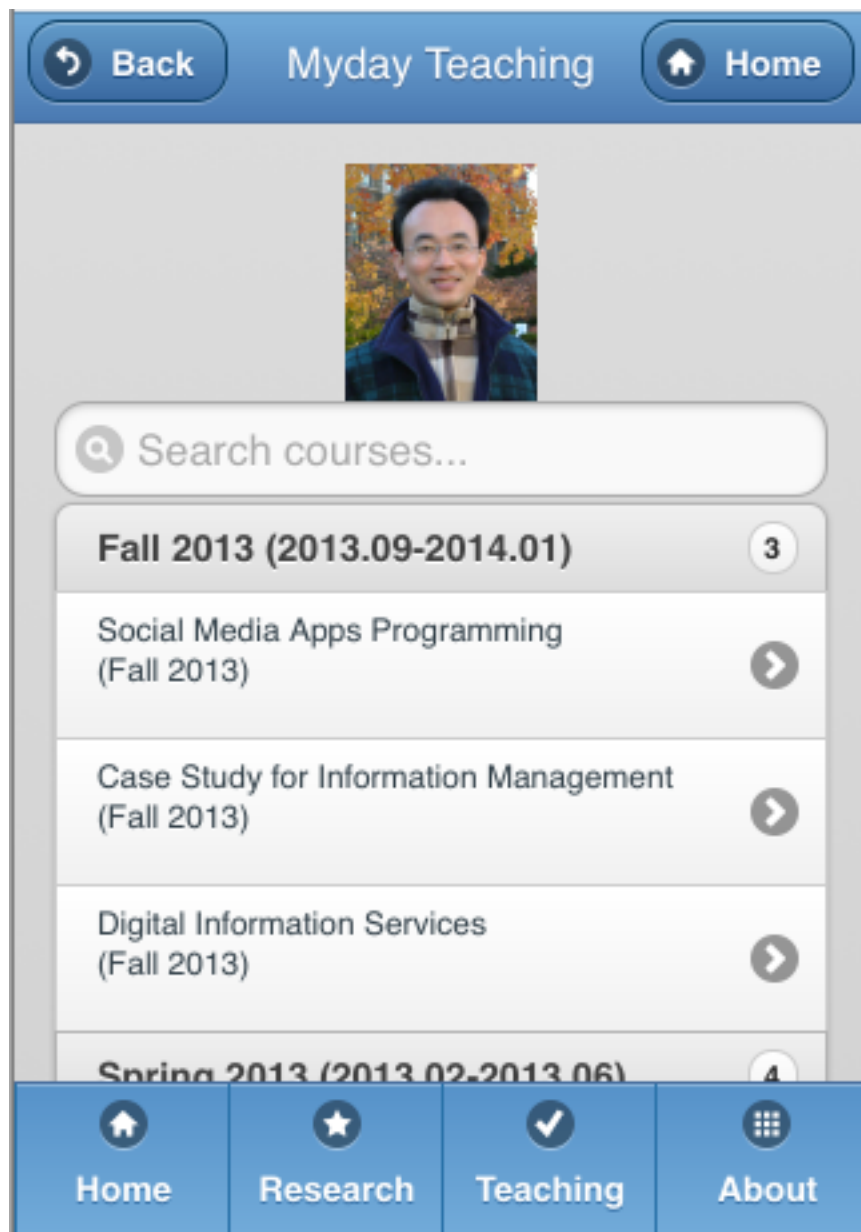
text-transform:none;

Social Media

```
index.css  *
22
23 body {
24     -webkit-touch-callout: none;           /* prevent callout to copy image, etc when tap to hold */
25     -webkit-text-size-adjust: none;        /* prevent webkit from resizing text to fit */
26     -webkit-user-select: none;             /* prevent copy paste, to allow, change 'none' to 'text' */
27     background-color:#E4E4E4;
28     background-image:linear-gradient(top, #A7A7A7 0%, #E4E4E4 51%);
29     background-image:-webkit-linear-gradient(top, #A7A7A7 0%, #E4E4E4 51%);
30     background-image:-ms-linear-gradient(top, #A7A7A7 0%, #E4E4E4 51%);
31     background-image:-webkit-gradient(
32         linear,
33         left top,
34         left bottom,
35         color-stop(0, #A7A7A7),
36         color-stop(0.51, #E4E4E4)
37     );
38     background-attachment:fixed;
39     font-family:'HelveticaNeue-Light', 'HelveticaNeue', Helvetica, Arial, sans-serif;
40     font-size:12px;
41     height:100%;
42     margin:0px;
43     padding:0px;
44     text-transform:none;
45     width:100%;
46 }
```

<!--PhoneGap-->

<link rel="stylesheet" type="text/css" href="css/index.css" />



phonegap.js

Removing Unnecessary Files

Once you've included the necessary assets, remove the `phonegap.js` (cordova.js) as Build will automatically inject it during compile time.

Why must you delete the `phonegap.js`?

PhoneGap requires a different JavaScript file for each platform and using an incompatible `phonegap.js` will result in errors when running your application.

Making Sure You can Still Access the PhoneGap API

Once you've deleted the `phonegap.js` you'll need to make sure that your application can still access the PhoneGap API.

To do so, simply ensure that the following reference is made in your `index.html`

```
<script src="phonegap.js"></script>
```

Usage and Additional Information:

Unless otherwise specified in a config.xml, each platform will try to use the default **splash.png** during compilation. To define platform specific splash screens please use the guide provided below.

Splash files should be the file formats specified in the examples below. Any other file type is not guaranteed to work across platforms.

Warning:

If you do not supply the **gap:platform** attribute, the referenced image will be copied to ALL platforms, increasing the size of their application packages.

Default

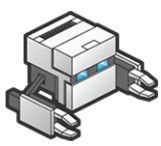
The default splash must be named **splash.png** and must reside in the root of your application folder.

```
<gap:splash src="splash.png" />
```

iOS

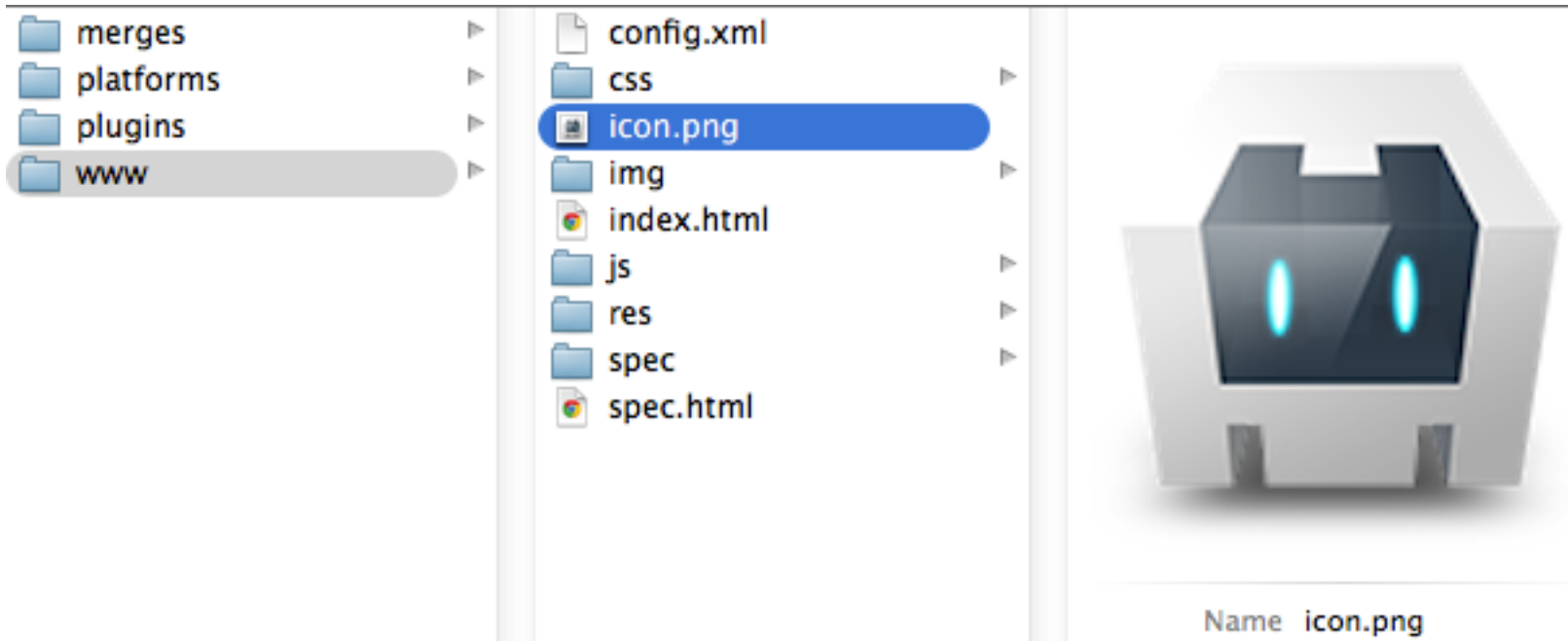
We support classic, retina, iPhone 5 and iPad displays; the following will define splash screens for each of those. Standard iPads have two different splash screens, portrait, landscape. Retina iPads have two additional splash screens, retina portrait and retina landscape (PhoneGap 2.5.0+ only).

```
<gap:splash src="splash/ios/Default.png" gap:platform="ios" width="320"  
height="480" />
```

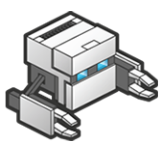


icon.png

(128x128)

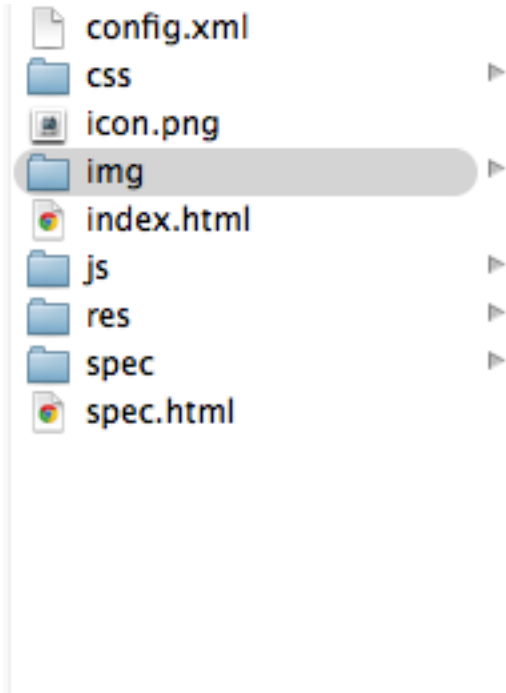


```
<icon src="icon.png" />
```

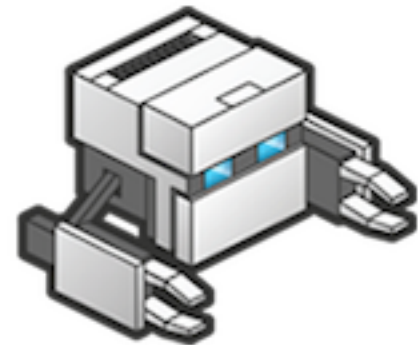



logo.png

(172x200)



logo.png



Name	logo.png
Kind	Portable Network...
Size	30 KB

icon/ios/icon-57.png

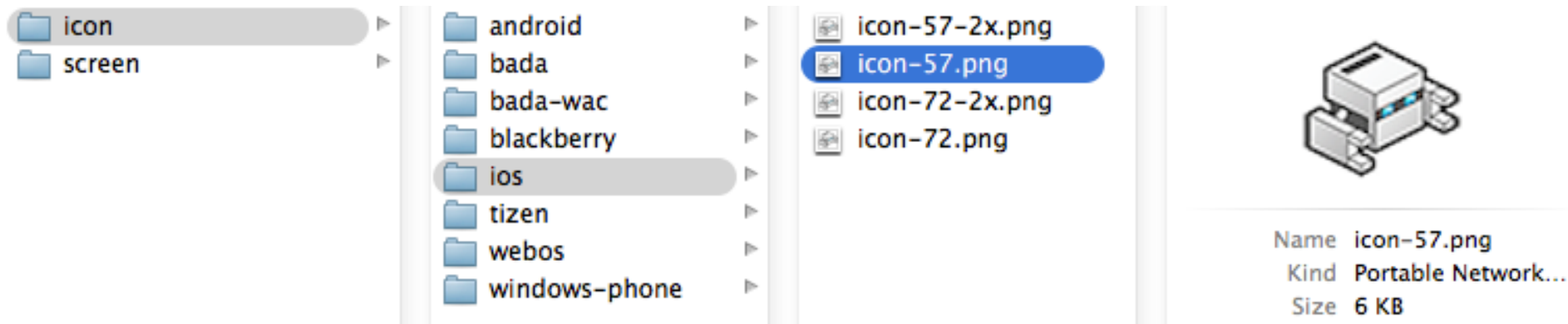
(57x57)

config.xml

```
<icon src="icon.png" />
<icon gap:density="ldpi" gap:platform="android" src="res/icon/android/icon-36-ldpi.png" />
<icon gap:density="mdpi" gap:platform="android" src="res/icon/android/icon-48-mdpi.png" />
<icon gap:density="hdpi" gap:platform="android" src="res/icon/android/icon-72-hdpi.png" />
<icon gap:density="xhdpi" gap:platform="android" src="res/icon/android/icon-96-xhdpi.png" />

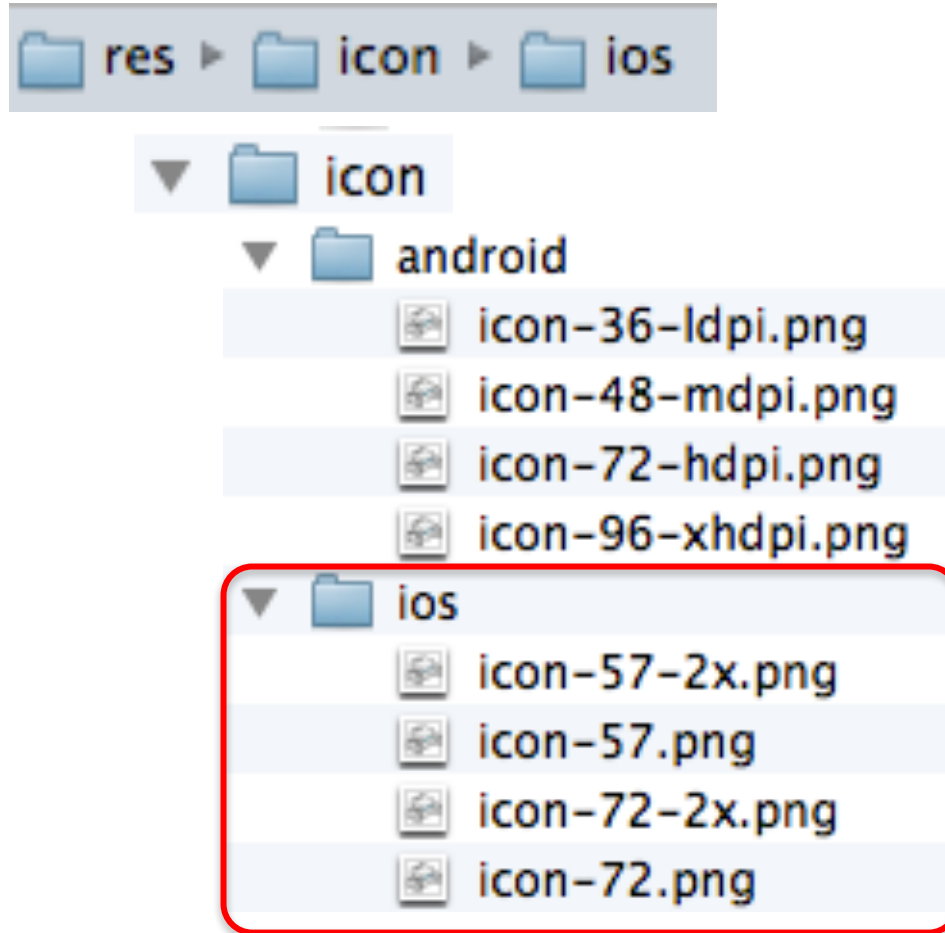
<icon gap:platform="ios" height="57" src="res/icon/ios/icon-57.png" width="57" />
<icon gap:platform="ios" height="72" src="res/icon/ios/icon-72.png" width="72" />
<icon gap:platform="ios" height="114" src="res/icon/ios/icon-57-2x.png" width="114" />
<icon gap:platform="ios" height="144" src="res/icon/ios/icon-72-2x.png" width="144" />
```

icon/ios/icon-57.png (57x57)



```
<icon gap:platform="ios" height="57"  
src="res/icon/ios/icon-57.png" width="57" />
```

icon/ios/icon-57.png (57x57)



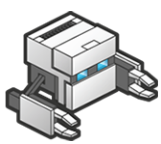
```
<icon gap:platform="ios" height="57"  
src="res/icon/ios/icon-57.png" width="57" />
```

Pixel density

Resolution: 320x480 (2048x1536)

PPI: 64 (326)

Model	Generations	Diagonal cm (in)	Resolution	ppcm (PPI)
iPad	1st Gen, 2	25 (9.7)	1024×768	52 (132)
iPad / iPad Air	3rd Gen, 4th Gen	25 (9.7)	2048×1536	104 (264)
iPad Mini	2nd Gen	20 (7.9)	2048×1536	128 (326)
iPhone 3GS	3 / 3rd Gen	8.9 (3.5)	320×480	64 (163)
iPhone 4 / iPod Touch	4 / 4th Gen	8.9 (3.5)	960×640	128 (326)
iPhone 5S	5S / 6th Gen	10 (4)	1136×640	128 (326)



screen-iphone-portrait.png

(320x480)

File Explorer View:

- icon
- screen
 - android
 - bada
 - bada-wac
 - blackberry
 - ios
 - tizen
 - webos
 - windows-phone

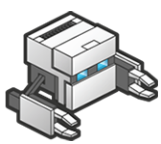
Files in 'screen' folder:

- screen-ipad-landscape-2x.png
- screen-ipad-landscape.png
- screen-ipad-portrait-2x.png
- screen-ipad-portrait.png
- screen-iphone-landscape-2x.png
- screen-iphone-landscape.png
- screen-iphone-portrait-2x.png
- screen-iphone-portrait-568h-2x.png
- screen-iphone-portrait.png

Preview of screen-iphone-portrait.png:

Name screen-iphone-portrait.png
Kind Portable Network...
Size 29 KB

```
<gap:splash gap:platform="ios" height="480"  
src="res/screen/ios/screen-iphone-  
portrait.png" width="320" />
```



screen-mdpi-portrait.png

(320x480)

- android
- bada
- bada-wac
- blackberry
- ios
- tizen
- webos
- windows-phone

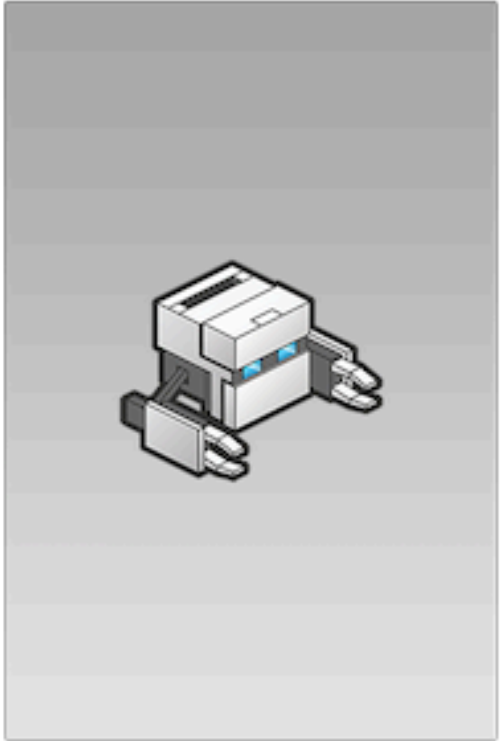
- screen-hdpi-landscape.png
- screen-hdpi-portrait.png
- screen-ldpi-landscape.png
- screen-ldpi-portrait.png
- screen-mdpi-landscape.png
- screen-mdpi-portrait.png**
- screen-xhdpi-landscape.png
- screen-xhdpi-portrait.png

200x320

320x480

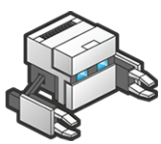
480x800

720x1280



Name screen-mdpi-portrait.png
Kind Portable Network Graphics...
Size 29 KB

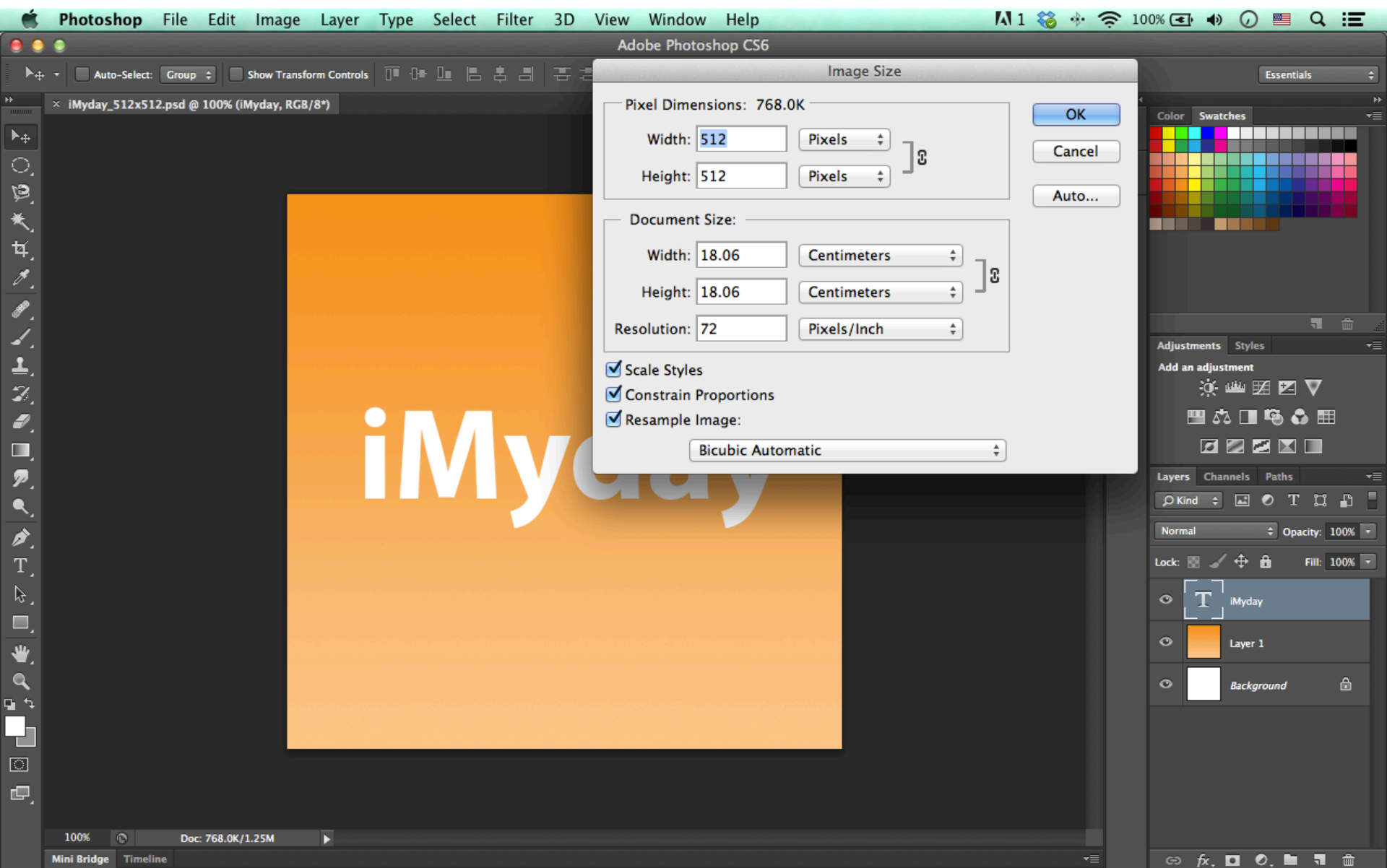
```
<gap:splash gap:density="mdpi" gap:platform="android"  
src="res/screen/android/screen-mdpi-
```

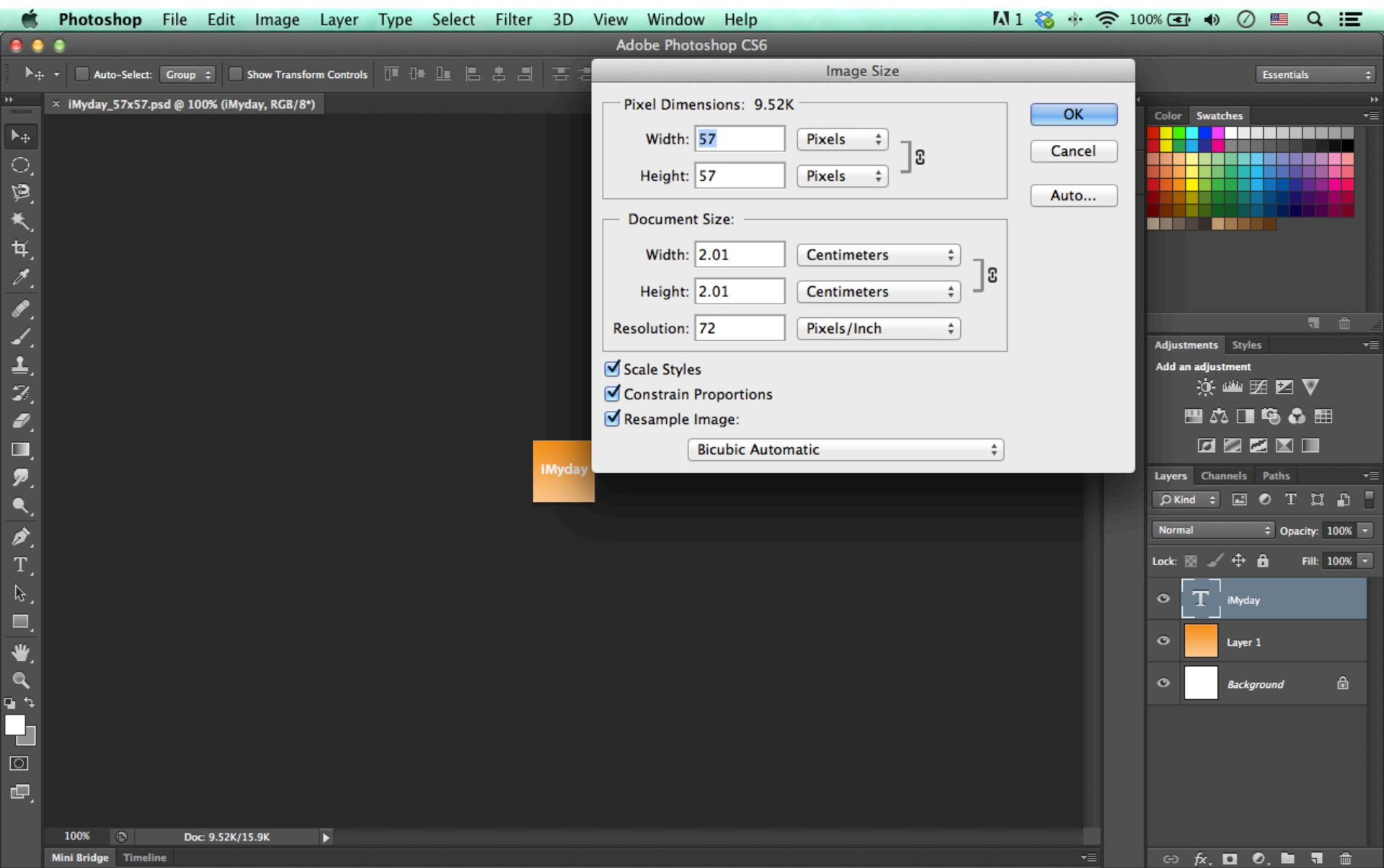


config.xml (part 3/3)

gap:splash

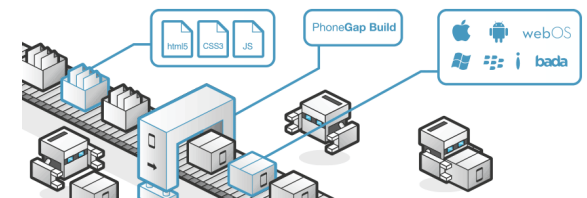
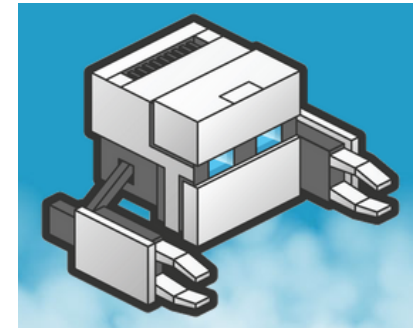
```
<gap:splash gap:density="ldpi" gap:platform="android"
src="res/screen/android/screen-ldpi-portrait.png" />
<gap:splash gap:density="mdpi" gap:platform="android"
src="res/screen/android/screen-mdpi-portrait.png" />
<gap:splash gap:density="hdpi" gap:platform="android"
src="res/screen/android/screen-hdpi-portrait.png" />
<gap:splash gap:density="xhdpi" gap:platform="android"
src="res/screen/android/screen-xhdpi-portrait.png" />
<gap:splash gap:platform="blackberry"
src="res/screen/blackberry/screen-225.png" />
<gap:splash gap:platform="ios" height="480"
src="res/screen/ios/screen-iphone-portrait.png"
width="320" />
<gap:splash gap:platform="ios" height="960"
src="res/screen/ios/screen-iphone-portrait-2x.png" width="640" />
<gap:splash gap:platform="ios" height="1024"
src="res/screen/ios/screen-ipad-portrait.png" width="768" />
<gap:splash gap:platform="ios" height="768"
src="res/screen/ios/screen-ipad-landscape.png" width="1024" />
<gap:splash gap:platform="winphone" src="res/screen/windows-
phone/screen-portrait.jpg" />
<access origin="http://127.0.0.1*" />
```





Summary

- jQuery Mobile/PhoneGap
 - HTML5, CSS3, JavaScript
 - jQuery Mobile
 - PhoneGap
 - PhoneGap Build
 - index.html, css, js, png
 - config.xml
- Demo
 - Create Hybrid Apps with PhoneGap
 - Testing iOS and Android Devices



References

- Beginning PhoneGap: Mobile Web Framework for JavaScript and HTML5, Rohit Ghatol & Yogesh Patel, Apress, 2012
- Learn HTML5 and JavaScript for iOS: Web Standards-based Apps for iPhone, iPad, and iPod touch, Scott Preston, Apress, 2012
- PhoneGap
 - <http://phonegap.com/>
- PhoneGap Build
 - <https://build.phonegap.com/>
- jQuery Mobile
 - <http://jquerymobile.com/>
- Introduction to PhoneGap Build
 - <http://tv.adobe.com/watch/building-mobile-apps-with-phonegap-build/introduction-to-phonegap-build-building-your-first-app/>