极光文档 (../../../guideline/intro/) > iOS (../ios_sdk/) > iOS 证书设置指南
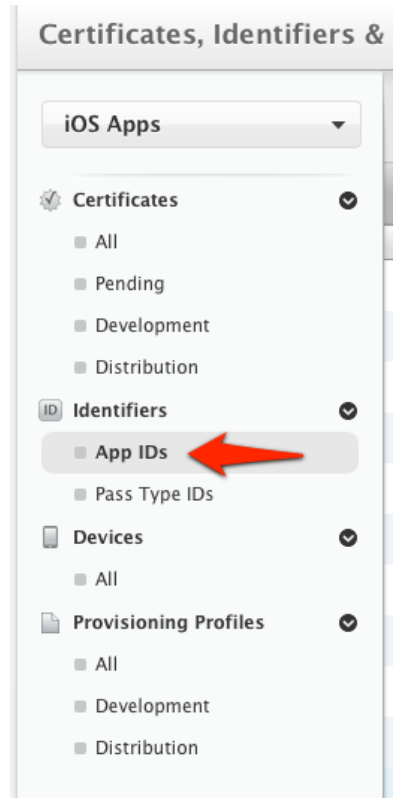
iOS 证书 设置指南

创建应用程序ID
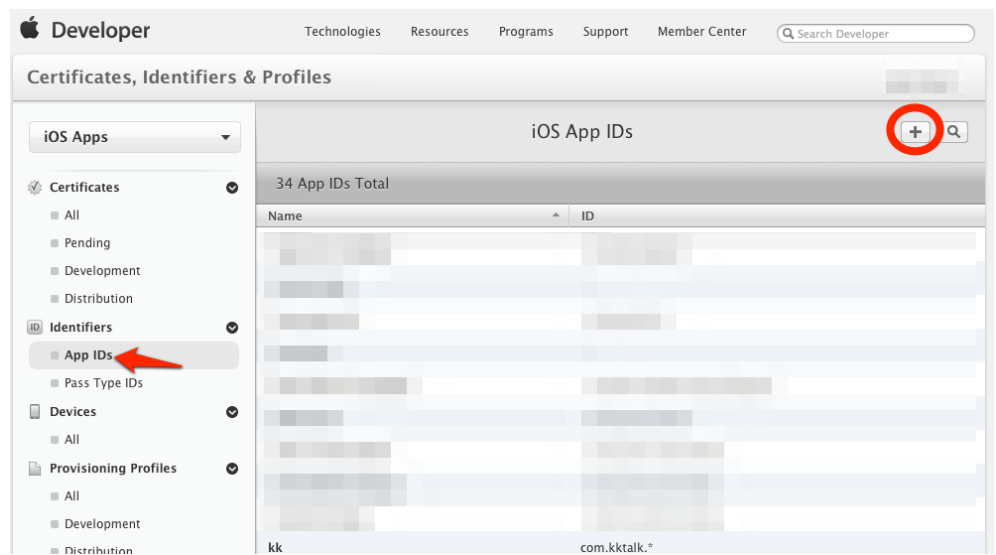
- 登陆 iOS Dev Center (https://developer.apple.com/devcenter/ios/index.action) 选择进入iOS Provisioning Portal。
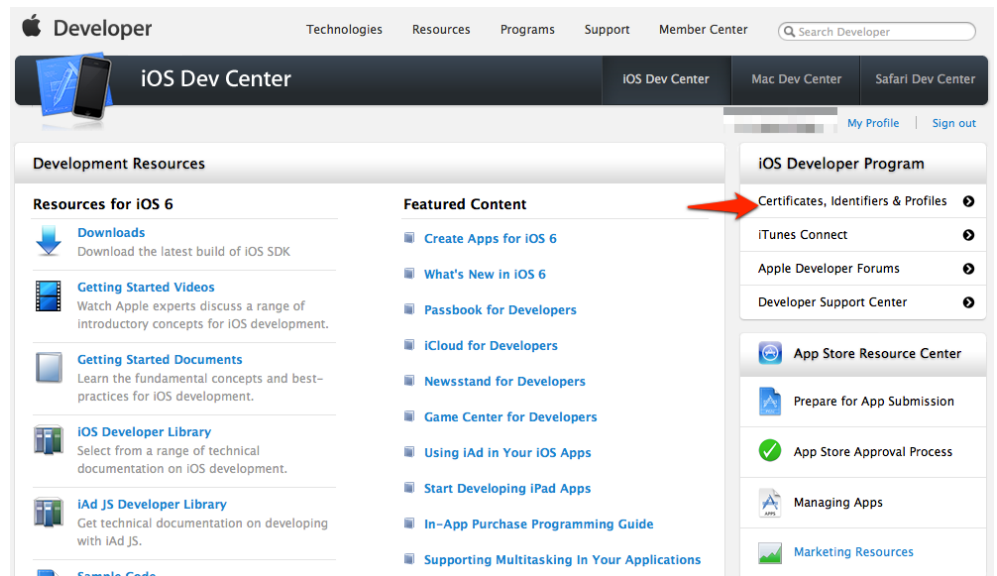
- 在 iOS Provisioning Portal (https://daw.apple.com/cgi-bin/WebObjects/DSAuthWeb.woa/wa/login?&appIdKey=891bd3417a7776362562d2197f89480a8547b108fd934911bcbea0110d07f757&path=%2F%2Faccount%2Findex.action)中，点击App IDs进入App ID列表。

- 创建 App ID，如果 ID 已经存在可以直接跳过此步骤

- 为 App 开启 Push Notification 功能。如果是已经创建的 App ID 也可以通过设置开启 Push Notification 功能。

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
☐ Passbook
☑ **Push Notifications**

根据实际情况完善 App ID 信息并提交,注意此处需要指定具体的 Bundle ID 不要使用通配符。

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.
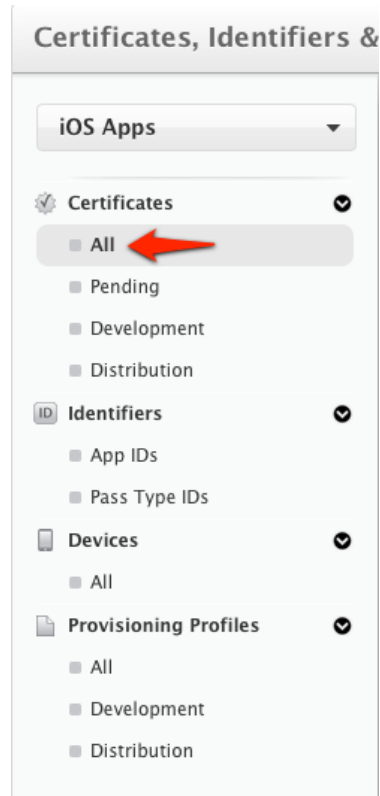
Bundle ID: [   ]

Example: com.domainname.*

[Cancel] [**Continue**]

配置和下载证书

- 如果你之前没有创建过 Push 证书或者是要重新创建一个新的，请在证书列表下面新建。

- 新建证书需要注意选择证书种类（开发证书用于开发和调试使用，生产证书用于 App Store 发布）

What type of certificate do you need?

Development

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

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

Distribution

○ **App Store and Ad Hoc**
Sign your iOS app for submission to the App Store or for Ad Hoc distribution.

○ **Apple Push Notification service SSL (Production)** 生产证书
Establish connectivity between your notification server and the Apple Push Notification service production environment. A separate certificate is required for each app you distribute.

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

Intermediate Certificates
To use your certificates, you must have the intermediate signing certificate in your system

- 点击 Continue 后选择证书对应的应用ID，然后继续会出现"About Creating a Certificate Signing Request (CSR)"。

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 (eg. John Doe Dev Key)
- In the Request is group, select the "Saved to disk" option
- Click Continue within Keychain Access to complete the CSR generating process.
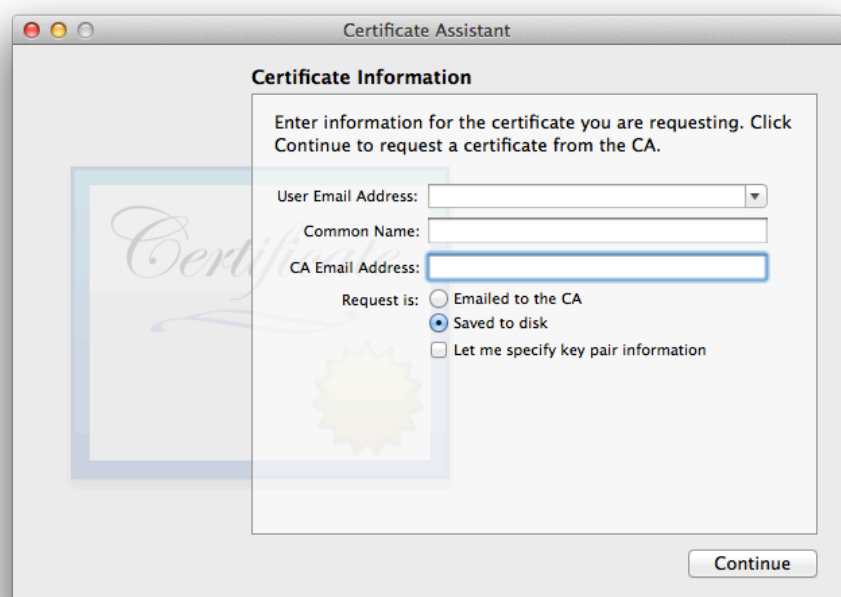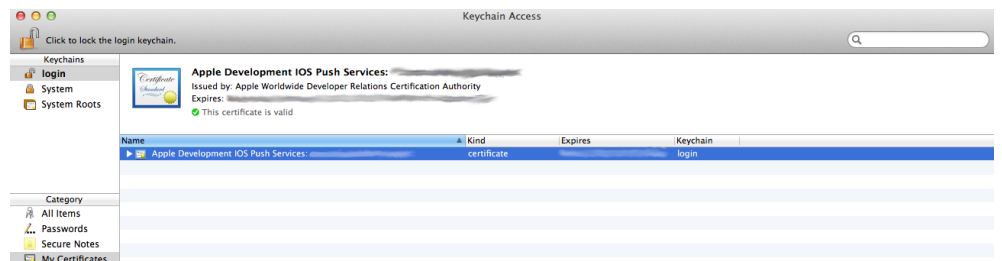
Cancel   Back   **Continue**

- 根据它的说明创建打开KeychainAccess 创建 Certificate Signing Request。
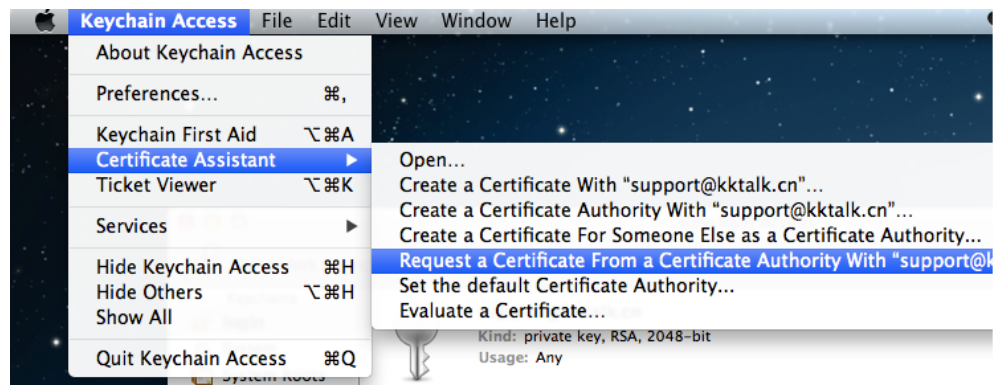
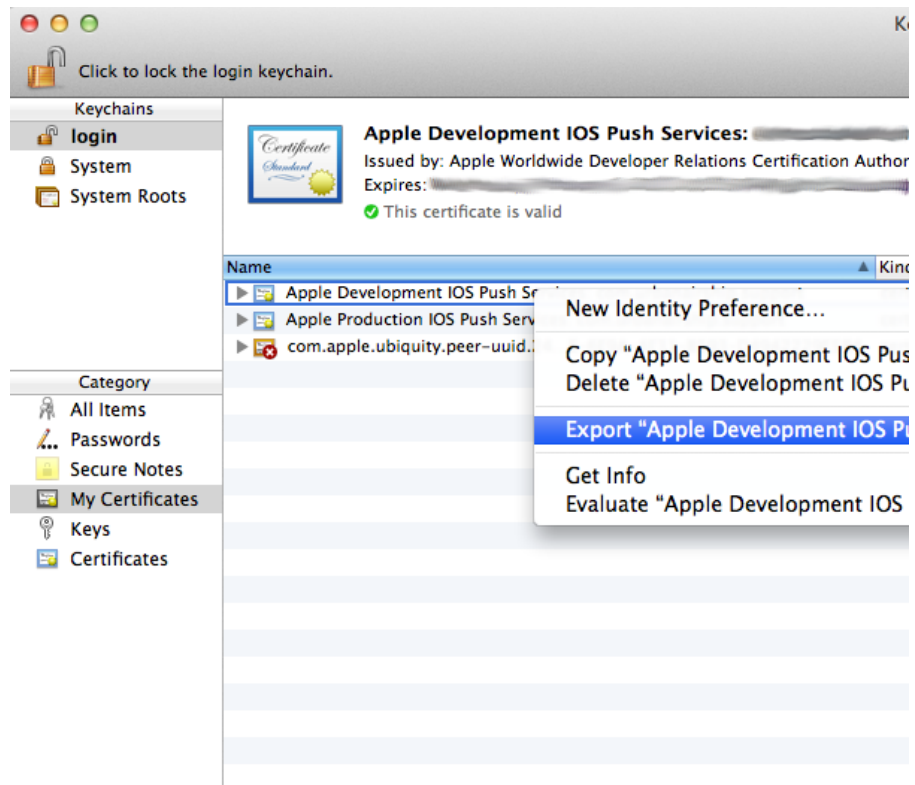- 填写"User Email Address"和"Common Name" 后选择 Saved to disk 进行保存 。

- 继续返回Apple developer 网站点击 Continue ， 上传刚刚生成的 .certSigningRequest 文件生成 APNs Push Certificate。
- 下载并双击打开证书，证书打开时会启动"钥匙串访问"工具。
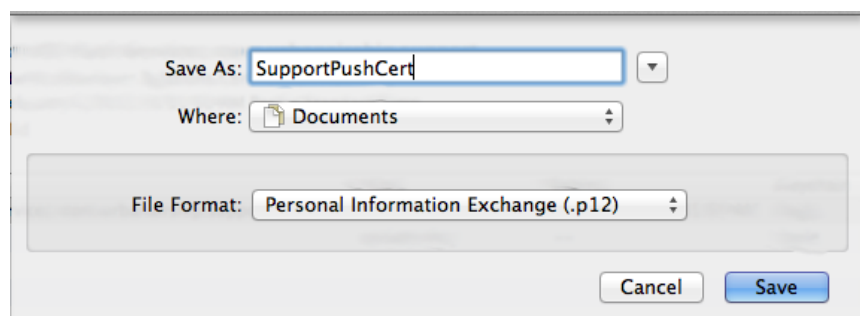- 在"钥匙串访问"中你的证书会显示在"我的证书"中，注意选择"My Certificates" 和"login"

导出 .p12 证书文件

注意要选"login"和"My Certificates" 导出证书时要选中证书文件，不要展开private key。

- 将文件保存为Personal Information Exchange (.p12)格式。
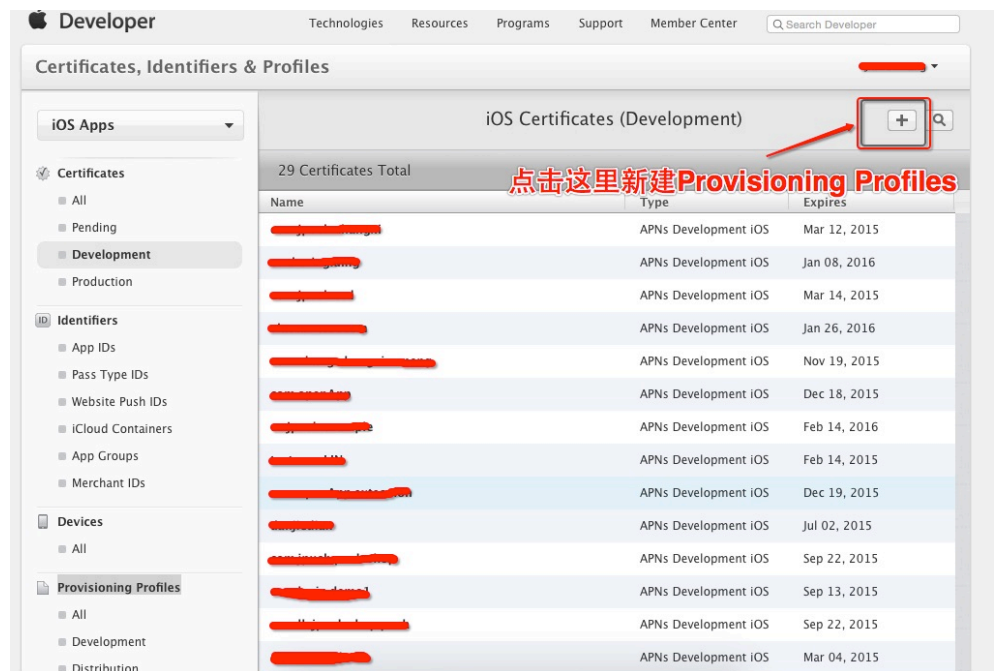

- 将文件保存为Personal Information Exchange (.p12)格式。

上传证书

在 JPush 管理 Portal 上 (https://www.jiguang.cn/apps/)，针对某应用程序，上传上面步骤得到 .p12 证书文件。这是 iOS SDK 能够接收到 JPush 推送消息的必要步骤。

Provisioning Profile的创建

- 创建Provisioning Profile的前提，已在Apple Developer网站创建待发布应用所使用的Bundle ID的App ID，且为该App ID创建了APNs证书，如下图:

JPush (/jpush/guideline/intro/)

JMessage (/jmessage/guideline/jmessage_guide/)

短信验证码 (/jsms/guideline/JSMS_guide/)

- 创建App ID、APN证书和p12证书的导出的具体步骤请看 :iOS 证书 设置指南 (../ios_faq/#ios_1)
- 在苹果开发者账号的Provisioning Profile (https://developer.apple.com/account/ios/profile/profileList.action)页面点击下图按钮，创建Provisioning Profile

- 选择此Provisioning Profile的环境后点击[Continue]：
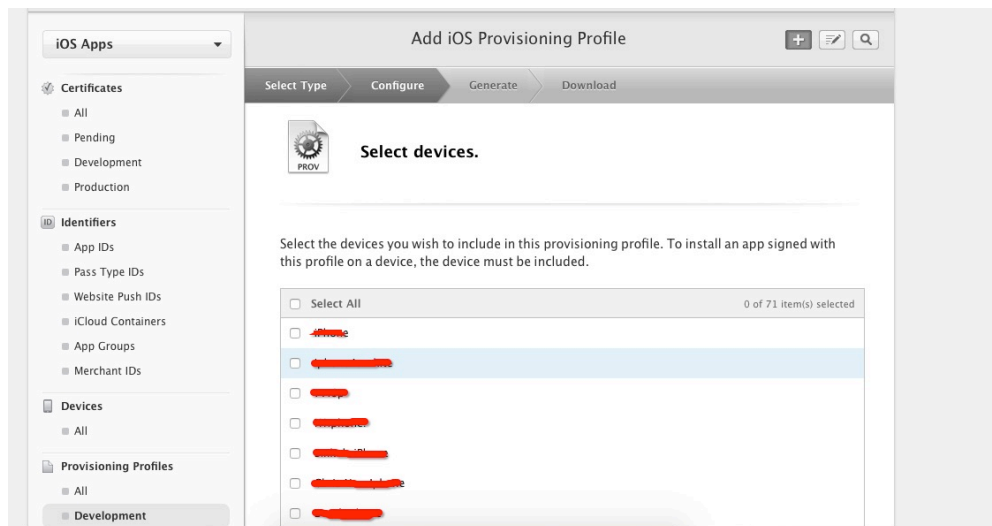
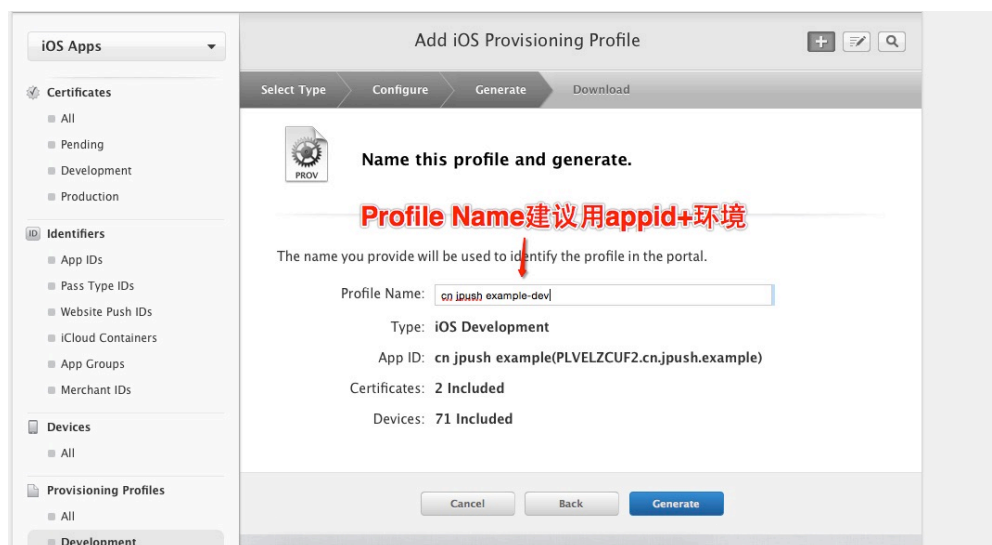- 选择要创建Provisioning Profile的App ID后点击[Continue]：

- 选择所属的开发者证书，（这里创建了多个开发者证书，建议只创建一个，方便管理）为了方便，选择了[Select All]，再点击[Continue]进入下一步：

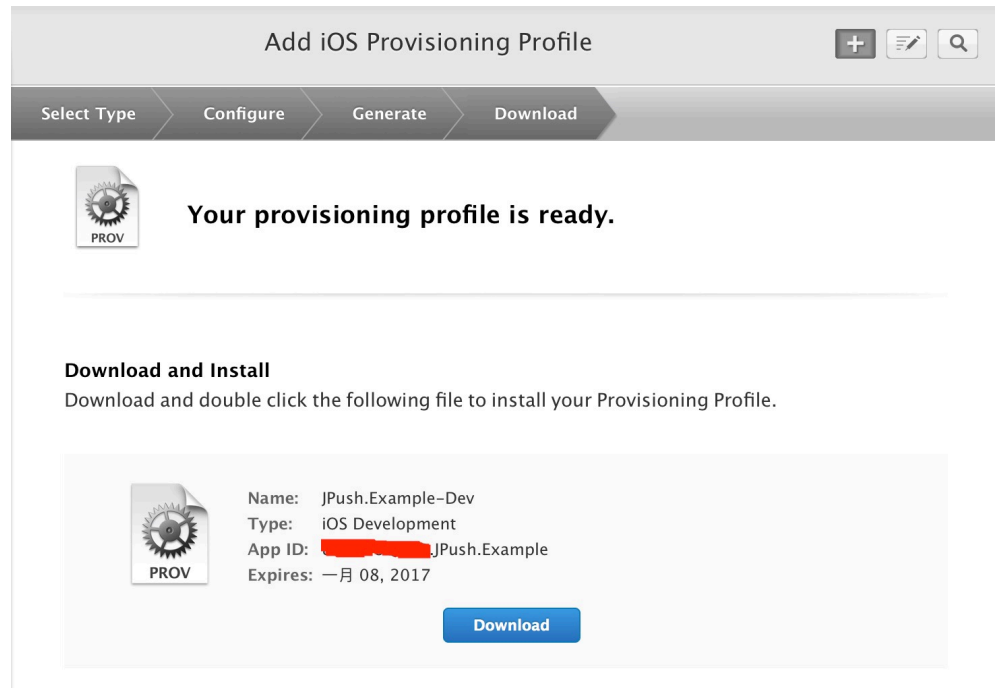- 为该Provisioning Profile选择将要安装的设备（一般选择[Select All]），点击[Continue]:

- 给该Provisioning Profile填写Profile Name，点击[generate]完成创建。

- 填写完Profile Name后点击[generate]完成创建，之后点击[DownLoad]下载Provisioning Profil

e

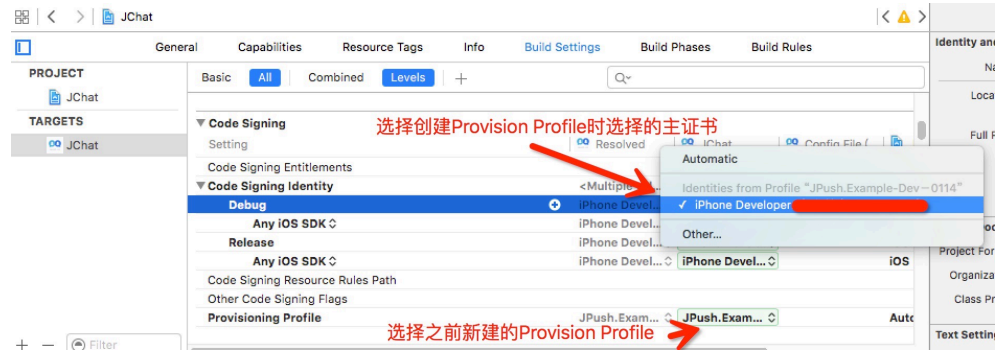- 双击下载下来的Provisioning Profile，添加到xcode。

XCode的证书配置教程

参照iOS SDK 集成指南 (../ios_guide_new/)集成JPush SDK 和上传了推送用到的p12证书后在编译运行前需要先配置一下证书，步骤如下：

- 打开xxx-info.plist的Bundle identifier项把上传到JPush 控制台的bundle id填写进去：

- 点击项目，选择目标TARGETS后进入Build Setting 界面，搜索"Code signing"，按照下图配置

选择创建Provision Profile时选择的主证书

选择之前新建的Provision Profile

 Previous (../ios_debug_guide/)   Next (../ios_new_fetures/)

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rovided by Read the Docs (https://readthedocs.org).