

## 如何创建 Broadcast Upload Extension 的证书

### 1. 进入苹果开发官网

(<https://developer.apple.com/account/resources/identifiers/list/applicationGroup>)

### 2. 选择 Identifiers -> App Groups -> 创建需要扩展的标识符


注意：如果主工程的 bundle identifier 为:com.hwj.live

那么扩展的标识符应为:group.com.hwj.live

**Certificates, Identifiers & Profiles**

< All Identifiers

**Register a new identifier** Continue

- ☐ **App IDs**  
Register an App ID to enable your app, app extensions, or App Clip to access available services and identify your app in a provisioning profile. You can enable app services when you create an App ID or modify these settings later.
- ☐ **Services IDs**  
For each website that uses Sign in with Apple, register a services identifier (Services ID), configure your domain and return URL, and create an associated private key.
- ☐ **Pass Type IDs**  
Register a pass type identifier (Pass Type ID) for each kind of pass you create (i.e. gift cards). Registering your Pass Type IDs lets you generate Apple-issued certificates which are used to digitally sign and send updates to your passes, and allow your passes to be recognized by Wallet.
- ☐ **Website Push IDs**  
Register a Website Push Identifier (Website Push ID). Registering your Website Push IDs lets you generate Apple-issued certificates which are used to digitally sign and send push notifications from your website to macOS.
- ☐ **iCloud Containers**  
Registering your iCloud Container lets you use the iCloud Storage APIs to enable your apps to store data and documents in iCloud, keeping your apps up to date automatically.
- ☒ **App Groups**  
Registering your App Group allows access to group containers that are shared among multiple related apps, and allows certain additional interprocess communication between the apps. 
- ☐ **Merchant IDs**  
Register your Merchant Identifiers (Merchant IDs) to enable your apps to process transactions for physical goods and services to be used outside of your apps. Generate a Apple Pay Payment Processing certificate for each registered Merchant ID to validate transactions initiated within your app.
- ☐ **Music IDs**  
Create an app that uses the Apple Music API, registers music identifiers (Music IDs) and then create an...

WENJIE HE - 15/11/2018

**Certificates, Identifiers & Profiles**

< All Identifiers



**Register an App Group** Back Continue

**Description**

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

**Identifier**

We recommend using a reverse-domain name style string (i.e., com.domainname.appname).



### 3. 选择 Identifiers -> App IDs 中勾选 App Groups

< All Identifiers

### Edit your App ID Configuration

Remove Save

Platform  
iOS, macOS, tvOS, watchOS


App ID Prefix  
F87FYPRFAB (Team ID)

Description  
allFunctions

Bundle ID  
com.hewenjie.allFunctions (explicit)

You cannot use special characters such as @, &, \*, ' , " , ~ , - .

#### Capabilities

ENABLED	NAME	
<input checked="" type="checkbox"/>	Access WiFi Information ⓘ	
<input type="checkbox"/>	App Attest ⓘ	
<input checked="" type="checkbox"/>	App Groups ⓘ	<a href="#">Edit</a> Enabled App Groups (1) 
<input type="checkbox"/>	Apple Pay Payment Processing ⓘ	<a href="#">Configure</a>
<input checked="" type="checkbox"/>	Associated Domains ⓘ	
<input checked="" type="checkbox"/>	AutoFill Credential Provider ⓘ	
<input checked="" type="checkbox"/>	ClassKit ⓘ	
<input checked="" type="checkbox"/>	Custom Network Protocol ⓘ	
	Data Protection ⓘ	

4.Profiles 中重新对证书保存一下，能看到 Download 就可以了

Developer WenJie He - F87FYPRFAB

### Certificates, Identifiers & Profiles

Certificates

Identifiers

Devices


Profiles

Keys

More

#### Profiles +

Q All Types ~ All Platforms ~ [Edit](#)

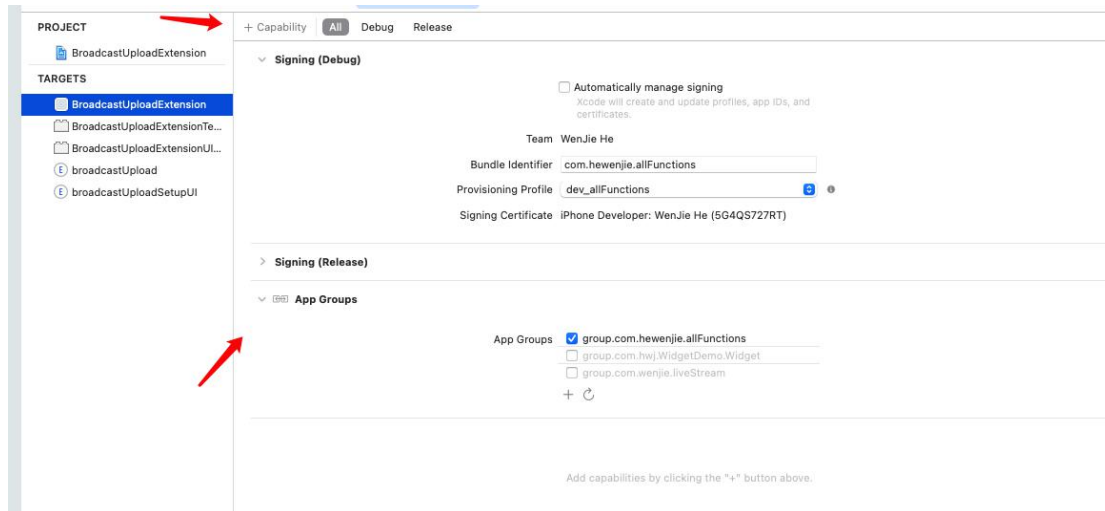
NAME ~	PLATFORM	TYPE	EXPIRATION	
adhocAndAppstore	IOS	App Store	2022/01/25	
dev_allFunctions	IOS	Development	2022/02/18	<a href="#">Download</a> 

5.扩展工程中也需要使用 bundle identifier

所以还要在 Identifiers 中建一个 App ID,并配置 App Groups，主工程的证书和扩展的证书都勾选同一个 app groups，再到 Profiles 中创建一个开发和生产证书

6.总共是要新增一个 App Groups，一个 App ID，一个开发证书，一个生产证书

7.工程中使用 App Groups



8.主工程中 Embed App Exentions 勾选 Copy only when installing