

蜻蜓 OPEN SDK Quick Start (v1.7.3)

SDK 下载

CocoaPods导入: pod 'QTOpenSDK'

下载地址:

<https://open.qingting.fm/documents/%E7%A7%BB%E5%8A%A8SDK%E4%B8%8B%E8%BD%BD/>

SDK 接入

初始化

1.导入以下依赖库

AdSupport.framework

AVFoundation.framework

2.在xcode中设置buildSettings参数

Other Linker Flags 设置为 -ObjC

3.在app启动时调用以下接口注册sdk, 注册时需要提供蜻蜓官方渠道获取的 Client Id ,服务host地址及绑定的redirectUrl

```
+(void)registerClientId:(NSString *)clientId
                host:(NSString *)host
        redirectUrl:(NSString *)redirectUrl;
```

授权

未经授权时, sdk会采取匿名登陆的方式获取蜻蜓的内容。

如果需要获取蜻蜓授权内容, 需要通过以下方式之一进行授权。

1.OAuth登陆授权

```
+(void)qtOAuthWithSuccessHandler:(void (^)(void))success
                failed:(void (^)(NSError * error))failed;
```

2.第三方用户id登录 (coopUserId为空时为匿名登录)

```
-(void)loginWithCoopUserId:(NSString *)coopUserId
    success:(void (^)(NSString * coopUserId))success
    failed:(void (^)(NSError * error,NSString *
coopUserId))failed;
```

3.清除授权信息

```
-(void)clearAuthInfo;
```

常用接口功能(具体调用参数需参照QTOpenSDK.h头文件)

1.点播专辑

1-1. 获取点播专辑分类信息

```
-(void)requestOnDemandChannelCategoriesWithSuccess:failed:
```

1-2.获取指定分类专辑列表，每页返回30条信息，专辑按默认排序

```
-(void)requestOnDemandChannelListWithCategoryId:page:success:failed:
```

1-3.获取指定分类专辑列表，每页返回30条信息，专辑按传入参数排序

```
-(void)requestOnDemandChannelListWithCategoryId:(NSInteger)categoryId
    page:(NSInteger)page
    orderBy:
    (QTChannelListOrderBy)orderBy
    success:failed:
```

1-4.获取指定专辑信息

```
-(void)requestOnDemandChannelWithChannelId:success:failed:
```

1-5.批量获取专辑信息，最多一次指定30个专辑id

```
-(void) requestOnDemandChannelListWithChannelIds: (NSArray<NSNumber *>
*) channelIds
                                success:failed:
```

1-6. 获取点播专辑节目列表，每页返回30条信息

```
-(void) requestOnDemandChannelProgramListWithChannelId: (NSInteger) channelId
                                page: (NSInteger) page
                                success:failed:
```

1-7. 获取点播专辑节目列表，每页返回30条信息（可指定返回专辑的排序）

```
-(void) requestOnDemandChannelProgramListWithChannelId: (NSInteger) channelId
                                orderBy:
(QTChannelProgramListOrderBy) order
                                page: (NSInteger) page
                                success:failed:
```

1-8. 获取指定节目所在页的节目列表

```
-(void) requestOnDemandChannelProgramListWithChannelId: (NSInteger) channelId
                                programId: (NSInteger) programId
                                orderBy:
(QTChannelProgramListOrderBy) order
                                success:failed:
```

1-9. 获取点播专辑访问权限

```
-(void) requestOnDemandChannelAccessInfo: success:failed:
```

2. 电台专辑

2-1. 获取广播分类

```
-(void) requestRadioCategoriesWithSuccess:failed:
```

2-2. 获取广播电台列表，每页返回30条信息

```
-(void)requestRadioChannelListWithPage:success:failed:
```

2-3. 获取某个分类下的广播电台列表， 每页返回30条信息

```
-(void)requestRadioChannelListWithCategoryId:(NSInteger)categoryId  
      page:(NSInteger)page  
      success:failed:
```

2-4. 获取指定电台信息

```
-(void)requestRadioChannelWithChannelId:success:failed:
```

2-5. 获取电台节目单

```
-(void)requestRadioChannelProgramListWithChannelId:success:failed:
```

3. 用户相关

3-1. 获取用户信息

```
-(void)requestUserInfoWithSuccess:failed:
```

3-2. 获取用户收藏专辑

```
-(void)requestFavouriteChannelsWithSuccess:failed:
```

3-3. 获取用户收听历史

```
-(void)requestPlayHistoryWithSuccess:failed:
```

3-4. 删除收听历史

```
-(void)syncPlayHistoryWithDelChannels:success:failed:
```

3-5.获取用户购买列表

```
-(void)requestSubscriptionsWithSuccess:failed:
```

3-6.同步用户收藏

```
(void)syncUserFavouriteChannelWithAddChannels:delChannels:success:failed:
```

4.播放器

SDK中的播放器QT0Player继承自系统的AVPlayer， 客户端可以通过QT0Player来播放蜻蜓资源

```
self.player = [[QT0Player alloc] init]; //初始化播放器
// 替换并播放蜻蜓节目
// 播放错误信息从item.qtError和item.error中获取
[self.player replaceCurrentItemWithOndemandChannelId:self.channelId
                                           programId:program.programId
completeHandler:^(QT0PlayerItem *item) {
    [self.player play];
}];
```

4-1.使用点播专辑id和节目id替换当前播放节目

```
-(void)replaceCurrentItemWithOndemandChannelId:(NSInteger)channelId
                                           programId:(NSInteger)programId
completeHandler:(void(^)(QT0PlayerItem *
item))handler;
```

4-2.使用点播专辑id和节目id替换当前播放节目（可指定音频流格式mp3/m4a）

```
-(void)replaceCurrentItemWithOndemandChannelId:(NSInteger)channelId
                                           programId:(NSInteger)programId
                                           format:(QT0AudioFormat)format
completeHandler:(void(^)(QT0PlayerItem *
item))handler;
```

4-3.使用电台专辑id替换当前播放节目

```
-(void)replaceCurrentItemWithRadioChannelId:(NSInteger)channelId
                                completionHandler:(void(^)(QT0PlayerItem *
item))handler;
```

4-4.使用电台专辑id替换当前播放节目（可指定音频流格式hls/mp3）

```
-(void)replaceCurrentItemWithRadioChannelId:(NSInteger)channelId
                                format:(QT0AudioFormat)format
                                completionHandler:(void(^)(QT0PlayerItem *
item))handler
```

错误列表

错误码	错误消息	解释
0	Success	成功返回结果
10000	Internal Error	服务器内部错误
10001	Channel Access Not Allow	对该专辑无权限访问
10002	Limit Excced	访问频次超过限制
10003	Auth Failure	认证失败
10004	Item already purchased	重复购买的错误消息
10005	User Not Exist	用户不存在
10006	User Not Login	用户未登录
10007	Channel Not Exist	该专辑不存在
10008	Empty Device ID	缺少device Id参数
10009	Invalid page or pagesize	页码或页容量非法
10010	Already refunded	商品已退款，勿重复退款
10011	Invalid Param	参数错误
10012	Get Audio Resource Failed	获取音频资源失败
10013	Audio not purchased by user	该音频未购买
10014	Not Purchased, return free audio	音频未购买，返回免费试听节目
10015	No Free Audio	无试听节目
10016	Transcoding, please retry later	音频转码中，请稍后重试
20001	Miss Auth Request	没有获取到token

错误码	错误消息	解释
20002	Not Regist SDK	没有注册sdk
20003	Miss Auth RedirectUrl	注册sdk时缺少Redirecturl
20004	No Stream Url	缺少音频流地址，播放器返回的错误
20005	Host Is Not Specified	注册sdk时没有指定host地址
20006	CoopUserId Is Changed	api调用时第三方用户id发生变化