

SDK Connection File

1	Gain developer account	1
	Download sdk.....	2
3	Fast integration.....	2
3.1	Release compressed SDK file, import this "UCLBRTSDK.a "file with your header files on your project .	3
3.2	Add configuration.....	3
3.3	Add code to achieve.....	4

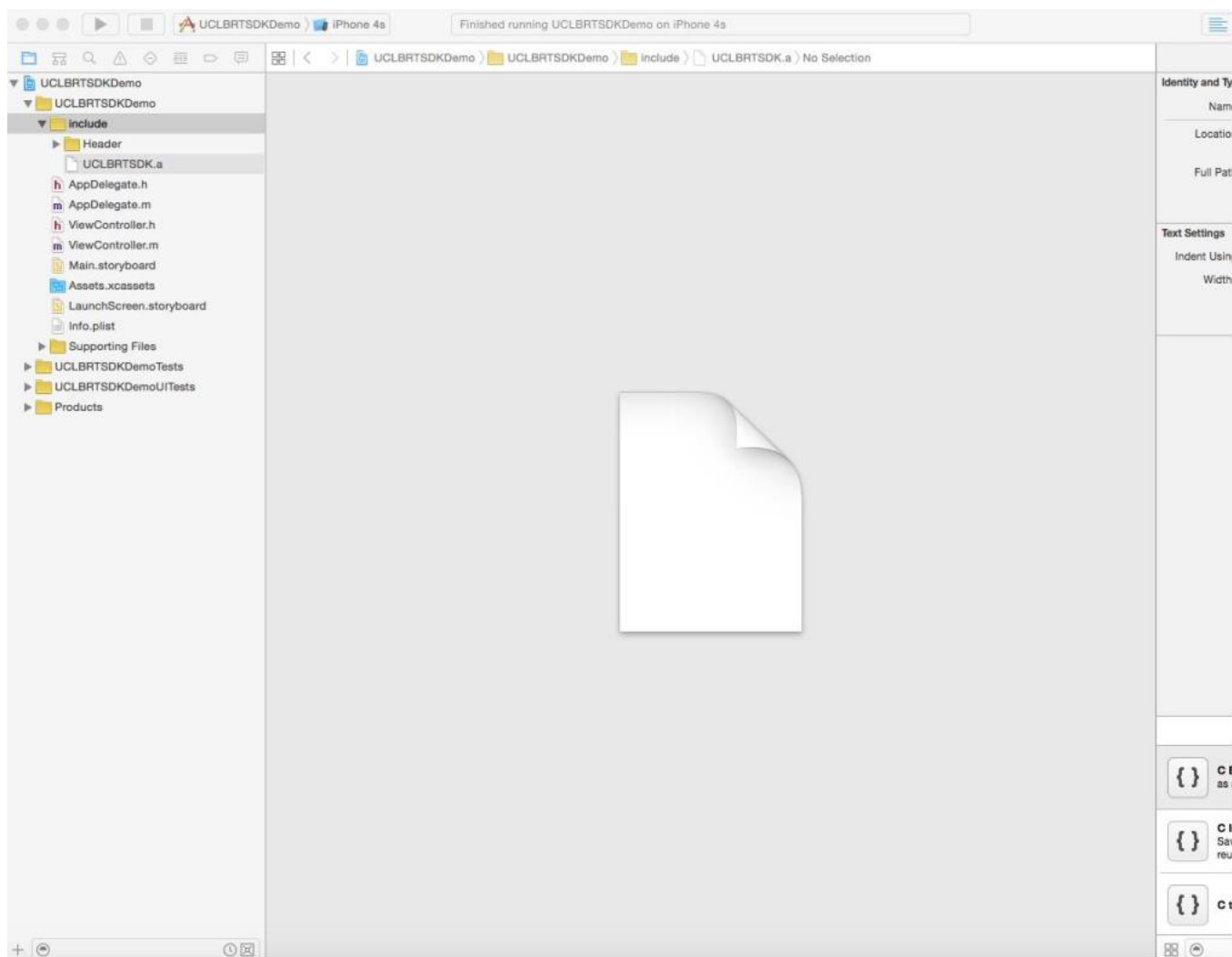
Gain developer account <http://qrm.uclbrt.com/Uploads/Document/uclbrt-api-sdkv2.0.pdf>
Reference third point on this document .

2 Downlod SDK

Download link: <http://pan.baidu.com/s/1nuMOI7J> (gain code : vhg4)

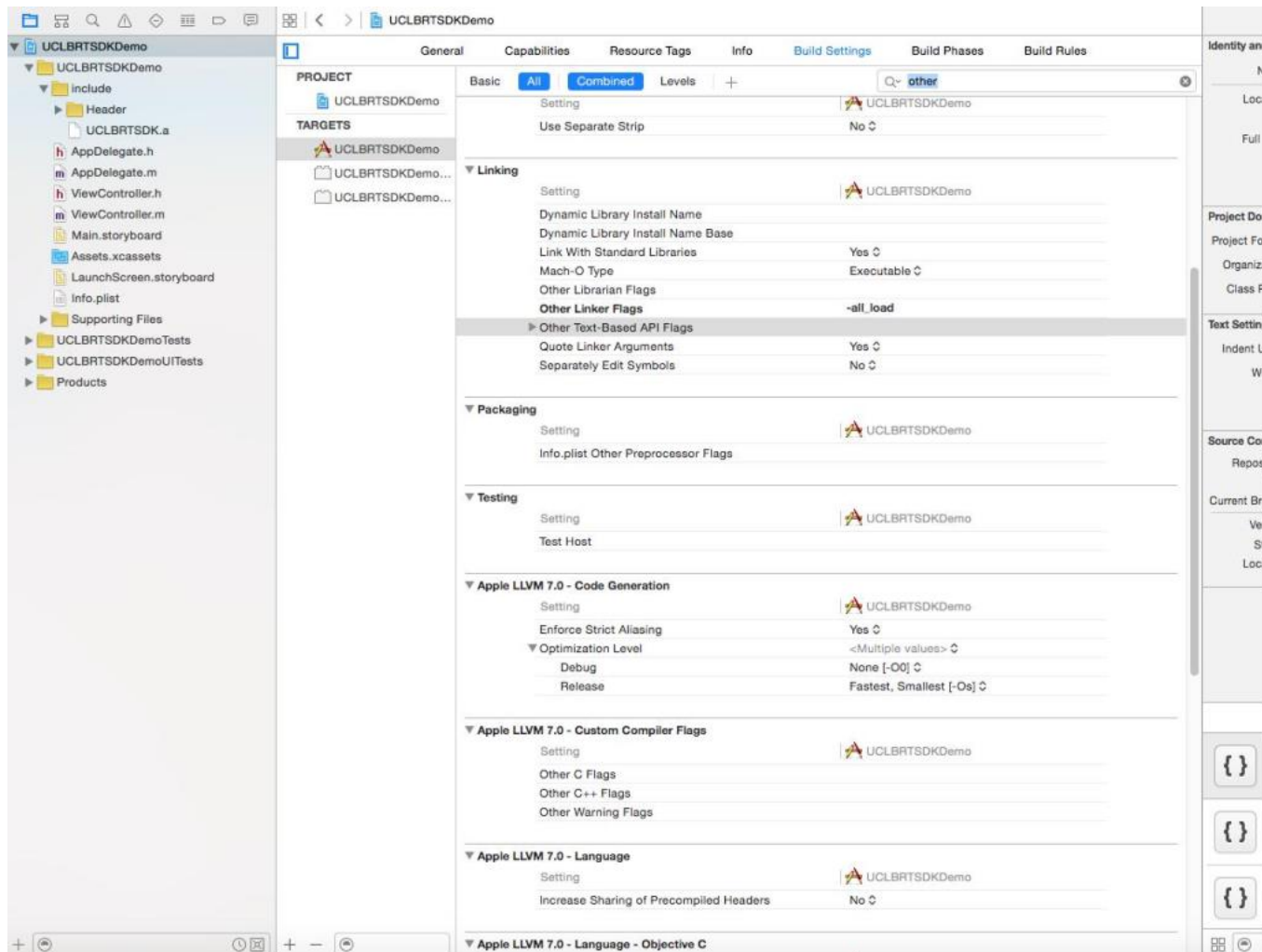
3 Fast integration

3.1 Release compressed SDK file, import this "UCLBRTSDK.a" file with your header files on your project . With blew picture .

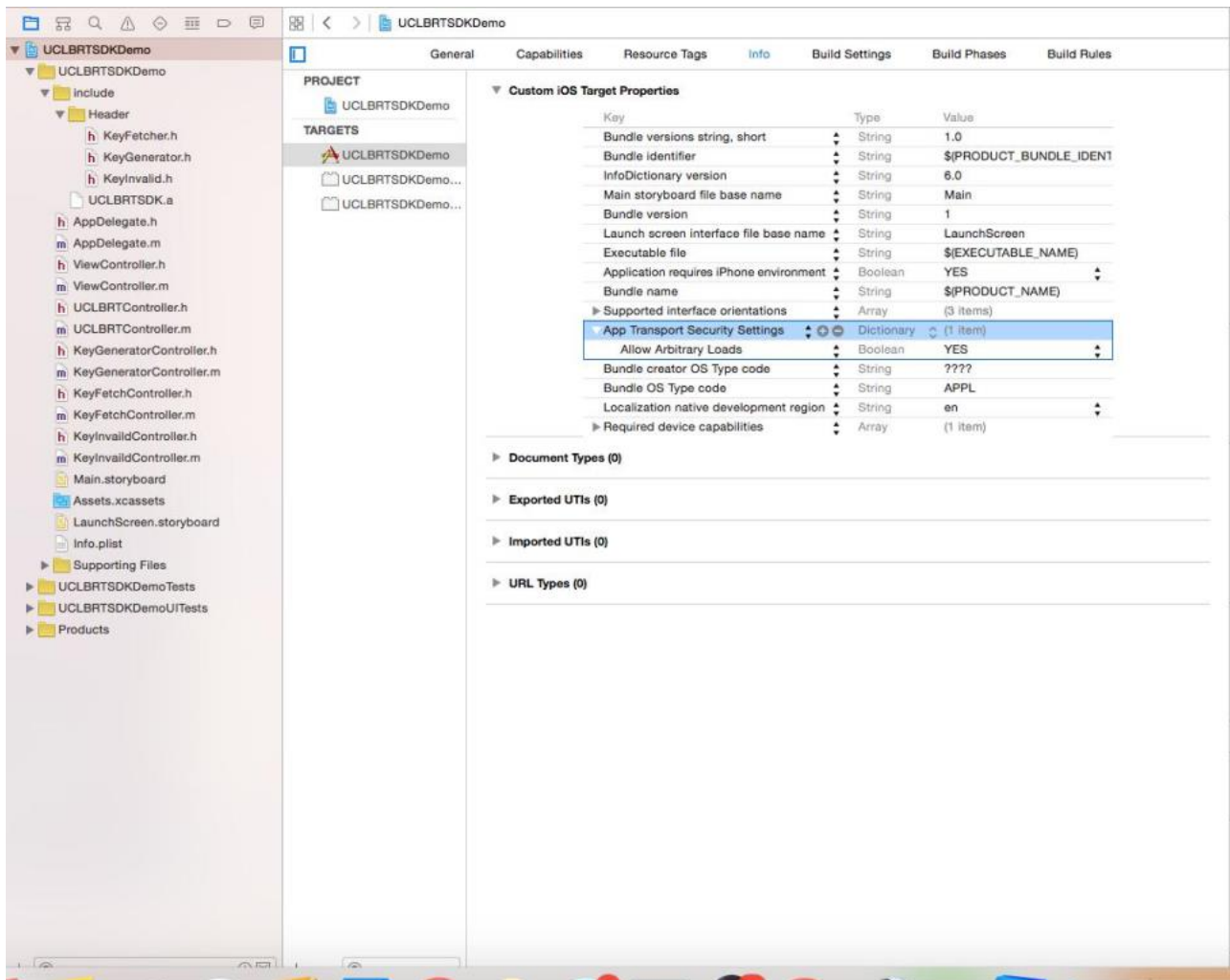


3.2 Add configuration.

On Build Settings ->Linking ->Other Linker Flags interface to set `-all_load`. As picture:



It is need to support https. on info, add App Transport Security Settings (as a dictionary) , key as Allow Arbitrary Loads (Bool) , value as YES. As picture:



3.3 Add code to achieve

1. Generate room card: import "KeyGenerator.h" file into room card category which you want to generate. You can use object method or Class method to achieve.

```
/**
 * object method to generate room card
 *
 * @param mobile      mobile number
 * @param communityNo community number
 * @param buildNo     building number (Optional nil)
 * @param floorNo     floor number (Optional nil)
 * @param roomNo      room number
 * @param endTime     QR code effective ending time format :1506161230
 *                    15:year 6:month 16:day 12 :hour 30 : minute
 * @param success     return to a dictionary with unique identifiers
```

```

* @param failure    return to failure data
*/
-(void)createWithMobile:(NSString *)mobile
    communityNo:(NSString *)communityNo
    buildNo:(NSString *)buildNo
    floorNo:(NSString *)floorNo
    roomNo:(NSString *)roomNo
    startTime:(NSString *)startTime
    endTime:(NSString *)endTime
    success:(void(^)(id successResponseObject))success
    failure:(void(^)(NSError *error))failure;

```

Note: When use object method to active it is need to pass sid and token.

```

/**
 * Class method to generate room card *
 * @param accountSid  account ID
 * @param token      account token
 * @param mobile     mobile number
 * @param communityNo  community number
 * @param buildNo    building number (Optional nil)
 * @param floorNo    floor number (Optional nil)
 * @param roomNo     Room number
 * @param startTime  QR code effective start time format:yyyy-MM-dd
HH:mm
 * @param endTime    QR code effective ending time format :yyyy-MM-dd
HH:mm
 * @param success     return to a dictionary with unique identifier
 * @param failure     return to failure data
 */
+(void)createWithAccountSid:(NSString *)accountSid
    token:(NSString *)token
    mobile:(NSString *)mobile
    communityNo:(NSString *)communityNo
    buildNo:(NSString *)buildNo
    floorNo:(NSString *)floorNo
    roomNo:(NSString *)roomNo
    startTime:(NSString *)startTime
    endTime:(NSString *)endTime
    success:(void(^)(id successResponseObject))success
    failure:(void(^)(NSError *error))failure;

```

2.Get room card: Only after get a card successful ,then can get the room card .

Two ways to get room card, first is pass room, second is pass generate room card back to unique identifier. Use these two ways it need to upload sid and token while initialization

```
/**
 * Object method room get the room card
 * @param mobile      mobile phone number
 * @param communityNo community number
 * @param buildNo     building number (Optional) nil it means no upload
 * @param floorNo     floor number (Optional) nil it means no upload
 * @param roomNo      room number
 * @param startTime   QR code effective start time format: 1506161230
15:year 6:month 16:day 12 :hour 30 : minute
 * @param endTime    QR code effective end time format: 1506161230
15:year 6:month 16:day 12 :hour 30 : minute
 * @param success     back to qr code room card view
 * @param failure     back to failure result
 */
-(void)getCardByRoomWithMobile:(NSString *)mobile
                           communityNO:(NSString *)communityNo
                           buildNo:(NSString *)buildNo
                           floorNo:(NSString *)floorNo
                           roomNo:(NSString *)roomNo
                           startTime:(NSString *)startTime
                           endTime:(NSString *)endTime
                           success:(void (^)(UIView * QRCodeView))success
                           failure:(void (^)(NSError *error))failure;

/**
 * Object method pass unique identifier number to get the room card
 *
 * @param communityNo community number
 * @param mobile      mobile number
 * @param identityNo  unique identifier number
 * @param success     return to qr code room card view
 * @param failure     return to failure result
 */
-(void)getCardByIdWithCommunityNo:(NSString *)communityNo
                               mobile:(NSString *)mobile
                               identityNo:(NSString *)identityNo
                               success:(void (^)(UIView * QRCodeView))success
```

```
failure:(void(^)(NSError *error))failure;
```

3.Forbidden room card:Let the room card failure. Can be achieved through the unique identifier or room two ways.Object method and class method.But the object method is to initialize the Sid and token.

```
/**
 * Object method based on room number cancellation card
 *
 * @param communityNo community number
 * @param roomNo room number
 * @param success return to the forbidden successful dictionary
 *
 * @param failure return to failure data
 */-(void)cancelByRoomWithCommunityNo:(NSString *)communityNo
mobile:(NSString *)mobile
buildNo:(NSString *)buildNo
floorNo:(NSString *)floorNo
roomNo:(NSString *)roomNo
startTime:(NSString *)startTime
endTime:(NSString *)endTime
success:(void(^)(id responseObject))success
failure:(void(^)(NSError *error))failure;
```

```
/**
 * Class method to cancel the card through the room number
 *
 * @param accountSid Account ID
 * @param token Account token
 * @param communityNo community number
 * @param mobile mobile number
 * @param buildNo back to failure result
 * @param floorNo floor number
 * @param roomNo room number
 * @param startTime start Time
 * @param endTime end Time
 * @param success return to successful result
 * @param failure return to failure result
 */
```

```
+(void)cancelByRoomWithAccountSid:(NSString *)accountSid
    token:(NSString *)token
    communityNo:(NSString *)communityNo
    mobile:(NSString *)mobile
    buildNo:(NSString *)buildNo
    floorNo:(NSString *)floorNo
    roomNo:(NSString *)roomNo
    startTime:(NSString *)startTime
    endTime:(NSString *)endTime
    success:(void(^)(id successResponseObject))success
    failure:(void(^)(NSError *error))failure;
```

```
/**
 * Object method to cancel the card through the unique sign
 * @param identityNo Unique marker number returned when generating a
card
 * @param success Return to the result of success
 * @param failure Return to the result of failure
 */
```

```
-(void)cancelByIdWithIdentityNo:(NSString *)identityNo
    success:(void(^)(id successResponseObject))success
    failure:(void(^)(NSError *error))failure;
```

```
/**
 * Class method to cancel the card by unique marker
 *
 * @param accountSid Account ID
 * @param token Account token
 * @param identityNo Unique marker number returned when generating
a card
 * @param success Return to the result of success
 * @param failure Return to the result of failure
 */
```

```
+(void)cancelByIdWithAccountSid:(NSString *)accountSid
    token:(NSString *)token
```



```
identityNo:(NSString *)identityNo  
success:(void(^)(id responseObject))success  
failure:(void(^)(NSError *error))failure;
```

Note: all methods of building Number, floor Number must be unified. Either all are nil, or all are value.