

1、初始化sdk

```
-(void)registerSDKWithAppID:(NSString *)appID AppKey:(NSString *)appKey result:
(YMTBigClassRoomRegisterResult)result;
```

- appId:业务后台分配
- appKey:业务后台分配
- result:结果回调

2、加入教室

```
- (void)joinCloudRoomWithRoomID:(NSString *)roomId userID:(NSString *)userID
groupId:(NSString *)groupId userRole:(NSInteger)role nickName:(NSString
*)nickName bussinessData:(NSString *)bussinessData result:
(YMTBigClassRoomJoinRoomResult)result;
```

- roomId:房间ID
- userId:用户ID
- groupId:小组ID
- userRole:1=老师、2=学生 3=班主任
- nickName:用户昵称或者名字
- YiMIToken:登录获取的token
- bussinessData: 自定义业务json数据
- result: onJoinCloudRoom 回调

3、录播回放

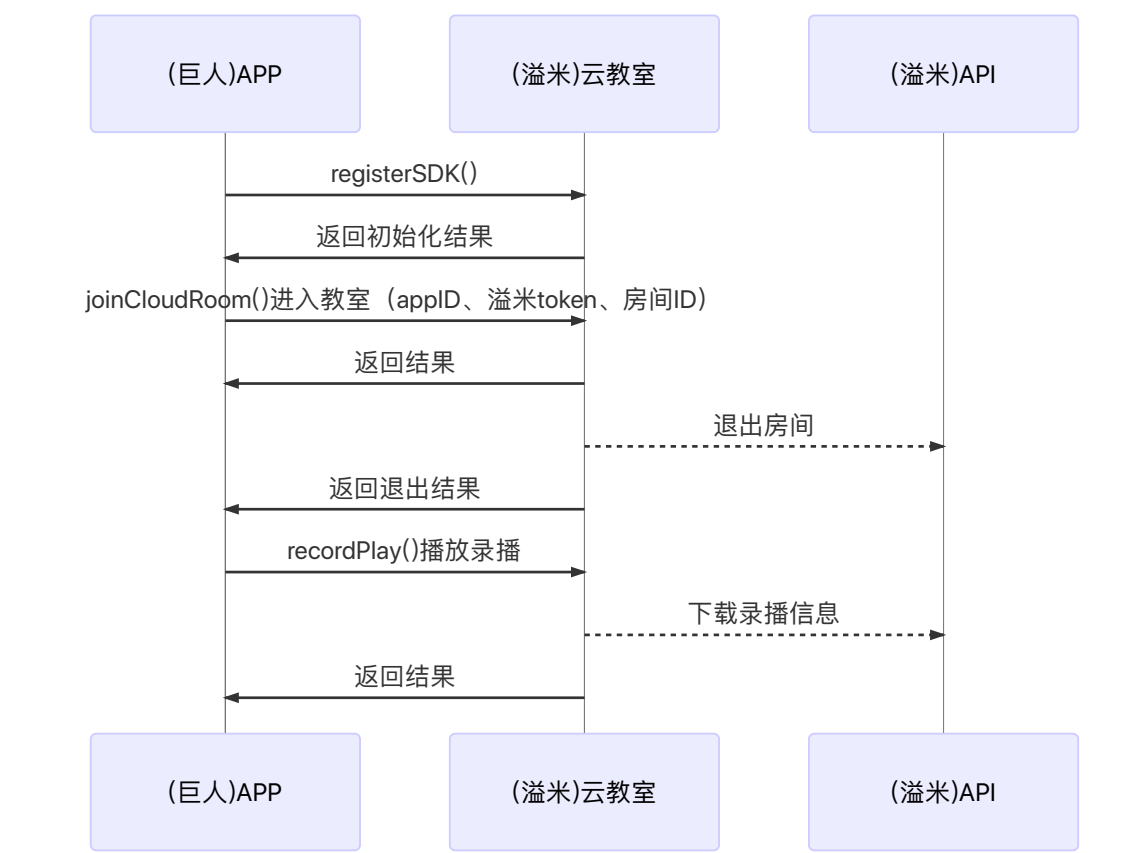
```
- (void)recordPlayToken:( roomId:(NSString *)roomId;
```

- roomId:房间Id

教室相关回调

```
typedef void(^YMTBigClassRoomRegisterResult)(BOOL success, YMTRoomInfoCode code);
typedef void(^YMTBigClassRoomLoginRoomResult)(BOOL success, YMTRoomInfoCode code);
typedef void(^YMTBigClassRoomJoinRoomResult)(BOOL success, YMTRoomInfoCode code);
typedef void(^YMTBigClassRoomLevelRoomResult)(BOOL success, YMTRoomInfoCode code);
```

云教室交互流程



云教室错误码定义

YMTRoomInfoCode:错误定义

```
typedef NS_ENUM(NSUInteger, YMTRoomInfoCode) {  
    /**  
     * 成功  
     */  
    YMTRoomInfoCodeSuccess,  
    /**  
     * 登录失败  
     */  
    YMTRoomInfoCodeLoginFailed = 100,  
    /**  
     * 进入房间失败  
     */  
    YMTRoomInfoCodeJoinRoomFailed = 101,  
    /**  
     * 房间密钥错误  
     */  
    YMTRoomInfoCodeRoomSecretError = 102,  
    /**  
     * token 失效  
     */  
    YMTRoomInfoCodeTokenInvalid = 201,  
    /**  
     * 录播文件下载失败  
     */  
    YMTRoomInfoCodeRecord_File_Download_Failed = 301  
};
```