[hio conference sdk 层对外接口](http://192.168.3.189:9090/sooncore-ykh/)

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一，会议平台 服务器接口：

1、获取会议列表

POST http://192.168.3.189:9090/sooncore-ykh/api/conference/getConfList HTTP/1.1

Content-Type: application/x-www-form-urlencoded

userId=61637079

服务器返回

{"code":0,"data":[[{"confID":"1496189952","owner":"61637079","name":"test5555","location":null,"desc":"\u65e0","password":"","confScale":"200","status":"1","planStartTime":"2017-05-31 08:19:25","planStopTime":"2017-05-31 08:19:25","create\_time":"2017-05-31 08:19:25"},{"confID":"1496190208","owner":"61637079","name":"test777","location":null,"desc":"\u65e0","password":"","confScale":"200","status":"1","planStartTime":"2017-05-31 08:27:04","planStopTime":"2017-05-31 08:27:04","create\_time":"2017-05-31 08:27:04"},{"confID":"1532936704","owner":"61637079","name":"\u558f3","location":null,"desc":"\u65e0","password":"","confScale":"200","status":"0","planStartTime":"2018-07-30 15:46:30","planStopTime":"2018-07-30 15:46:30","create\_time":"2018-07-30 15:46:30"}]],"message":"success","request\_id":"1533521390.1287"}

2、创建会议

POST http://192.168.3.189:9090/sooncore-ykh/api/conference/createConf HTTP/1.1

Content-Type: application/json

{

"userId"："1"，

"confName": "潘祖记和会议"，

"passWord":"123456"

}

参数描述：

"userId"：发起者的用户Id

"confName": 会议名称

"passWord":会议密码，默认123456

服务器返回：

{"code":0,"data":{"name":"88ewqre","owner":"1","desc":"\u65e0","passWord":"","confId":1533521920,"status":0,"planStartTime":"2018-08-06 10:22:34","planStopTime":"2018-08-06 10:22:34","create\_time":"2018-08-06 10:22:34"}],"message":"create conference success","request\_id":"1533522154.6775"}

3、邀请用户入会

用户邀请接口传入参数：

POST http://192.168.3.189:9090/sooncore-ykh/api/conference/Inviter HTTP/1.1

Content-Type: application/json

{"confId":1533521920,"InviterList":[{"userId"："1"，"userName":"panzj1"，"photo":"http://www.xxx.com/image/1.png"},{"userId"："2"，"userName":"panzj2","photo":"http://www.xxx.com/image/1.png"},{"userId"："3"，"userName":"panzj3","photo":"http://www.xxx.com/image/1.png"}]}

服务器返回：

{"code":0,"data":{"confId":1533521920,"InviterList":[{"userId"："1"，"userName":"panzj1"，"photo":"http://www.xxx.com/image/1.png"},{"userId"："2"，"userName":"panzj2","photo":"http://www.xxx.com/image/1.png"},{"userId"："3"，"userName":"panzj3","photo":"http://www.xxx.com/image/1.png"}]}，"message":"create conference success","request\_id":"1533522154.6775"}

4、获取会中被邀请用户列表

POST http://192.168.3.189:9090/sooncore-ykh/api/conference/Inviter HTTP/1.1

Content-Type: application/x-www-form-urlencoded

confId=1496189952

服务器返回：

{"code":0,"data":{"confId":1533521920,"InviterList":[{"userId"："1"，"userName":"panzj1"，"photo":"http://www.xxx.com/image/1.png"},{"userId"："2"，"userName":"panzj2","photo":"http://www.xxx.com/image/1.png"},{"userId"："3"，"userName":"panzj3","photo":"http://www.xxx.com/image/1.png"}]}，"message":"create conference success","request\_id":"1533522154.6775"}

5、加入会议

POST http://192.168.3.189:9090/sooncore-ykh/api/conference/userJoin HTTP/1.1

Content-Type: application/x-www-form-urlencoded

confId=1496189952&userId=61637079&userName=潘祖记&clientType=2&roleType=[2,4]

服务器返回：

{"code":0,"data":{"joinKey":"sooncore:///us:www.sooncore.com/conf\_id:1532587264/user\_id:6822678/cts\_ip:39.106.97.45-cts1.sooncore.com|0.0.0.0-cts2.sooncore.com/dts\_ip:47.94.11.100-dts.sooncore.com/channel\_info:1|167775691|167772838|167775692|167772839|775|167775693|167772840|167775694|167772841|777|167775695|167772842|167775696|167772843|258|167775697|167772844|167775698|167772845|259|167775699|167772846|167775700|167772847|516|167775701|167772848|167775702|167772849|","message":"success","request\_id":"1533521388.7914"}

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三，会议客户端SDK提供的接口：

用户信息结构体：

struct userInfo{

String ImUserId;

String userName;

String userNote;

int userSex;

String avatarUrl;

}

struct fileInfo{

String remoteUrl;

string localPath;

}

虚函数接口：

1、查询用户备注信息

List<userInfo> getUserInfo(List<String> userIdList) = 0;

2、从网盘中选中共享文件

String getFileFromwebBox() = 0;

3、从聊天记录中获取共享文件

String getFileFromIMBox() = 0;

4、会中邀请参会者

void InvitUserJoinConference() = 0;

下层实现函数

1、发起者加入会议

2、参会者加入会议

void UserJoinConference(int confType,int roleType,String joinKey,userInfo owner,List<userInfo>InviterList);

参数：

confType, 1，视频会议 2，音频会议

roleType, 1，主持人，主讲人，2，参会人，被邀请者

String joinKey ，入会串，调服务器的“加入会议”接口获得。

3、接收从IM发来的会议应用消息

1,被邀请加入会议。

{"msgId":1110,"confId":1533521920,"confName":"test1","confType":1,"InviterList":[{"userId"："1"，"userName":"panzj1"，"photo":"http://www.xxx.com/image/1.png"},{"userId"："2"，"userName":"panzj2","photo":"http://www.xxx.com/image/1.png"}]}}

2,同意加入会议。

{"msgId":1111,"confId":1533521920,"confName":"test1","confType":1,"InviterList":[{"userId"："1"，"userName":"panzj1"，"photo":"http://www.xxx.com/image/1.png"},{"userId"："2"，"userName":"panzj2","photo":"http://www.xxx.com/image/1.png"}]}

3,拒绝加入会议。

{"msgId":1112,"confId":1533521920,"confName":"test1","confType":1,"InviterList":[{"userId"："1"，"userName":"panzj1"，"photo":"http://www.xxx.com/image/1.png"},{"userId"："2"，"userName":"panzj2","photo":"http://www.xxx.com/image/1.png"}]}

4,会议开始

{"msgId":1113,"confId":1533521920}

5,会议结束

{"msgId":1114,"confId":1533521920}

一，IM server提供的会议接口：

1、邀请用户入会

用户邀请接口传入参数：

POST http://xxx.com/conference/api/Inviter HTTP/1.1

Content-Type: application/json

{"confId":1533521920,"creater":{"userId"："1"，"userName":"panzj1"，"photo":"http://www.xxx.com/image/1.png"},"InviterList":[{"userId"："1"，"userName":"panzj1"，"photo":"http://www.xxx.com/image/1.png"},{"userId"："2"，"userName":"panzj2","photo":"http://www.xxx.com/image/1.png"},{"userId"："3"，"userName":"panzj3","photo":"http://www.xxx.com/image/1.png"}]}

2、接受邀请入会

POST http://xxx.com/conference/api/AcceptInviter HTTP/1.1

Content-Type: application/json

{"confId":1533521920,"userId"：1}

{"code":0,"data":[{"name":"88ewqre","owner":1,"desc":"\u65e0","passWord":"","confId":1533521920,"status":0,"planStartTime":"2018-08-06 10:22:34","planStopTime":"2018-08-06 10:22:34","create\_time":"2018-08-06 10:22:34"}],"message":"create conference success","request\_id":"1533522154.6775"}

3、拒绝邀请

POST http://xxx.com/conference/api/RefusedInviter HTTP/1.1

Content-Type: application/x-www-form-urlencoded

confId=1533521920&userId=1

3、获取用户列表

POST http://xxx.com/conference/api/GetInviterlist HTTP/1.1

Content-Type: application/x-www-form-urlencoded

confId=1533521920

4、加入会议

POST http://xxx.com/conference/api/userJoin HTTP/1.1

confId=1496189952&userId=61637079&userName=潘祖记&clientType=2&roleType=1

clientType=1 pc客户端，2手机客户，3web 客户端

roleType=1，主持人，2参会人

二，IM sdk对外提供的会议接口：

接口函数：

1、邀请用户入会

struct userInfo{

String userId;

String userName;

String photo;

}

void InvitUserJoinConf(int confId,List<userInfo>InviterList);

参数：

confId, 创建会议时获取

InviterList，被邀请用户列表

调用会议服务器的“邀请用户入会”接口

2、接受邀请入会

void acceptUserJoinConf(int confId,List<userInfo>InviterList);

3、拒绝邀请入会

void refuseUserJoinConf(int confId,List<userInfo>InviterList);

3、获取会中被邀请用户列表

List<userInfo> GetInviterList(int confId);

调用会议服务器的“获取会中被邀请用户列表”接口

4、加入会议

String userJoinConference(int confId,int userId,String userName,int clientType,roleType);

调用会议服务器的“加入会议”接口

事件：