实时互动应用接口说明

## 地址

Http Rest url

http://ip/rta-web

websocket

ws://ip/rta-web/websocket

## 全局状态码说明（指服务端返回）

|  |  |  |
| --- | --- | --- |
| **状态码** | **说明** | **备注** |
| 1 | 执行成功 |  |
| 0 | 系统错误 |  |
| 2 | 业务错误 |  |
| 10 | 信息同步 |  |
| 1000 | 成功 | 所有命令操作成功返回码 |
| 1001 | 房间号不存在 |  |
|  |  |  |
| 2001 | 题型不存在 |  |
|  |  |  |
| 3001 | 场景不存在 |  |
|  |  |  |
| 4001 | 电话存在 |  |
| 4002 | 邮箱存在 |  |
| 4003 | 登录帐号有误 |  |
|  |  |  |
| 5001 | 不存在开启的互动 | 关闭互动时，未找到开启的互动 |
| 5002 | 存在未关闭的互动 | 关闭房间时，发现有未关闭的互动 |
|  |  |  |
| 6001 | 已作答 |  |
|  |  |  |
| 9001 | 参数验证失败 |  |
| 9002 | 创建人掉线 |  |
| 9003 | 未知指令 |  |

## 全局命令码说明（指客户端发送服务端）

|  |  |  |
| --- | --- | --- |
| **指令** | **说明** | **备注** |
| INFO | 服务端同步数据给客户端 |  |
| UNKNOWN | 未知指令 |  |
| CREATE\_ROOM | 创建房间 |  |
| JOIN\_ROOM | 加入房间 |  |
| CLOSE\_ROOM | 关闭房间 | 发起人行为 |
| QUIT\_ROOM | 退出房间 | 参与人行为 |
| OPEN\_ACTIVITY | 开启互动 |  |
| CLOSE\_ACTIVITY | 关闭互动 |  |
| ANSWER | 作答 |  |
|  |  |  |

## 场景说明

|  |  |  |
| --- | --- | --- |
| **场景** | **说明** | **备注** |
| SIMPLE | 简单模式 |  |
| MATCH | 抢答模式 |  |

## 题型说明

|  |  |  |
| --- | --- | --- |
| **题型** | **说明** | **备注** |
| SELECT | 选择题 |  |
| TRUEFALSE | 是非题 |  |

## 发起人请求指令

### 创建房间

Request

{

"command":"CREATE\_ROOM",

"from":"4028858258d352710158d352a04e0000",

"to":"SERVER",

"content":{

}

}

Response

{

" command":"CREATE\_ROOM",

"code": 1000,

"from":"SERVER",

"to" : "4028858258d352710158d352a04e0000",

"content": {

"room\_num": "12"

}

}

### 发起人开启互动

Request

{

"command":"OPEN\_ACTIVITY",

"from":"4028858258d352710158d352a04e0000",

"to":"SERVER",

"content":{

"topic":"SELECT",

"scene":"SIMPLE"

}

}

Response

{

"command":" OPEN\_ACTIVITY ",

"code": 1000,

"from":"SERVER",

"to" : "4028858258d352710158d352a04e0000",

"content": {

"room\_num": "12"

}

}

### 发起人关闭互动

Request

{

"command":"CLOSE\_ACTIVITY",

"from":"4028858258d352710158d352a04e0000",

"to":"SERVER",

"content":{

}

}

Response

### 关闭房间

Request

{

"command":"CLOSE\_ROOM",

"from":"4028858258d352710158d352a04e1111",

"to":"SERVER",

"content":{

}

}

Response

{

" command":"CLOSE\_ROOM",

"code": 1000,

"from":"SERVER",

"to" : "4028858258d352710158d352a04e0000",

"content ": {

}

}

## 参与人请求指令

### 加入房间

Request

{

"command":"JOIN\_ROOM",

"from":"4028858258d352710158d352a04e1111",

"to":"SERVER",

"content":{

"room\_num":"10"

}

}

Response

{

" command":" JOIN\_ROOM ",

"code": 1000,

"from":"SERVER",

"to" : "4028858258d352710158d352a04e0000",

"content ": {

"room\_num": "12"

}

}

### 退出房间

Request

{

"command":"QUIT\_ROOM",

"from":"4028858258d352710158d352a04e1111",

"to":"SERVER",

"content":{

}

}

Response

{

" command":" JOIN\_ROOM ",

"code": 1000,

"from":"SERVER",

"to" : "4028858258d352710158d352a04e0000",

"content ": {

"room\_num": "12"

}

}

### 作答

Request

{

"command":"ANSWER",

"from":"4028858258d352710158d352a04e1111",

"to":"SERVER",

"content":{

"text":"A"

}

}

Response 客户端

{

" command":"ANSWER ",

"code": 1000,

"from":"SERVER",

"to" : "4028858258d352710158d352a04e0000",

"content": {

}

}

发起端

{

"code": 1000,

"from": "SERVER",

"to": "4028858258d352710158d352a04e0000",

"command": "INFO",

"content": {

"user\_answer": "A",

"room\_member\_size": "2",

"user\_id": "4028858258d352710158d352a04e2222",

"user\_name": "张飞"

}

}