Chat

# Stack

jQuery

backboneJS

underscore.js

socket.io

**Client (browser)**

backbone.iobind.js

websocket.js

(polyfill websocket)

**chat.js**

node.js

socket.io

express

mongoose

**Server**

MongoDB

Redis

**app.js**

**WebSocket**

**HTTP**

# Client Server communication (old)

|  |  |  |  |
| --- | --- | --- | --- |
| Message | Direction | Params | Comment |
| connect | C->S |  |  |
| close | C->S |  |  |
| subscribe | C->S |  |  |
| unsubscribe | C->S |  |  |
| publish | C->S |  |  |
| createRoom | C->S |  |  |
| changeBaseline | C->S |  |  |
| searchForRooms | C->S |  |  |
| searchForUsers | C->S |  |  |
|  |  |  |  |
| connect | S->C |  |  |
| disconnect | S->C |  |  |
| subscribeSuccess | S->C |  |  |
| subscribeError | S->C |  |  |
| openRoom | S->C |  |  |
| closeRoom | S->C |  |  |
| leftRoom | S->C |  |  |
| message | S->C |  |  |
| addRoomAttendee | S->C |  |  |
| userEnterInRoom | S->C |  |  |
| userOutRoom | S->C |  |  |
| roomBaseline | S->C |  |  |
| pleaseJoinRoom | S->C |  |  |
| pleaseLeaveRoom | S->C |  |  |
| newOnlineUser | S->C |  |  |
| removeOnlineUser | S->C |  |  |
|  |  |  |  |

# Client Server communication (NEW)

|  |  |  |  |
| --- | --- | --- | --- |
| event | Direction | Params | Comment |
|  |  |  |  |
| connect | C->S |  |  |
| close | C->S |  |  |
| *handshake|welcome|connect* | S->C |  |  |
|  |  |  |  |
| ROOMS |  |  |  |
| join | C->S |  |  |
| leave | C->S |  |  |
| message | C->S |  |  |
| create | C->S |  |  |
| baseline | C->S |  |  |
| search | C->S |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| ONETOONE |  |  |  |
| messageForUser | C->S |  |  |
| message |  |  |  |
|  |  |  |  |
| USER |  |  |  |
| search | C->S |  |  |
|  |  |  |  |
| subscribeSuccess | S->C |  |  |
| subscribeError | S->C |  |  |
| openRoom | S->C |  |  |
| closeRoom | S->C |  |  |
| leftRoom | S->C |  |  |
| message | S->C |  |  |
| addRoomAttendee | S->C |  |  |
| userEnterInRoom | S->C |  |  |
| userOutRoom | S->C |  |  |
| roomBaseline | S->C |  |  |
| pleaseJoinRoom | S->C |  |  |
| pleaseLeaveRoom | S->C |  |  |
| newOnlineUser | S->C |  |  |
| removeOnlineUser | S->C |  |  |
|  |  |  |  |