DocumentServer

content:string
operations:array = []
revisionOffset:number = 0

receiveOperation(revision, operation):Operation
transformReceivedOperation(revision, operation):Operation
applyReceivedOperation(operation)
getRevision():Number

DocumentSocketIOServer

documentId
users:map<id, userObject>

addClient(socket, responseCallback, nextRevision = false)
initSocket(socket)
joinClient(document, allowedOperations, messages, responseCallback)
rejoinClient(document, allowedOperations, messages, revision, responseCallback)

onOperation(socket, revision, operation, selection)
onSelection(socket, selection)
onSettings(socket, settings)
onMessage(socket, message, callback)
onDocumentChange(socket, document, operation)
onDisconnect(socket)

getDocumentAndValidateRights(right, socket):Promise<Document>

getClient(socket):userObject

RoomList

rooms:map<documentId, DocumentSocketIOServer>

getDocumentServer(documentId):Promise<DocumentSocketIOServer>