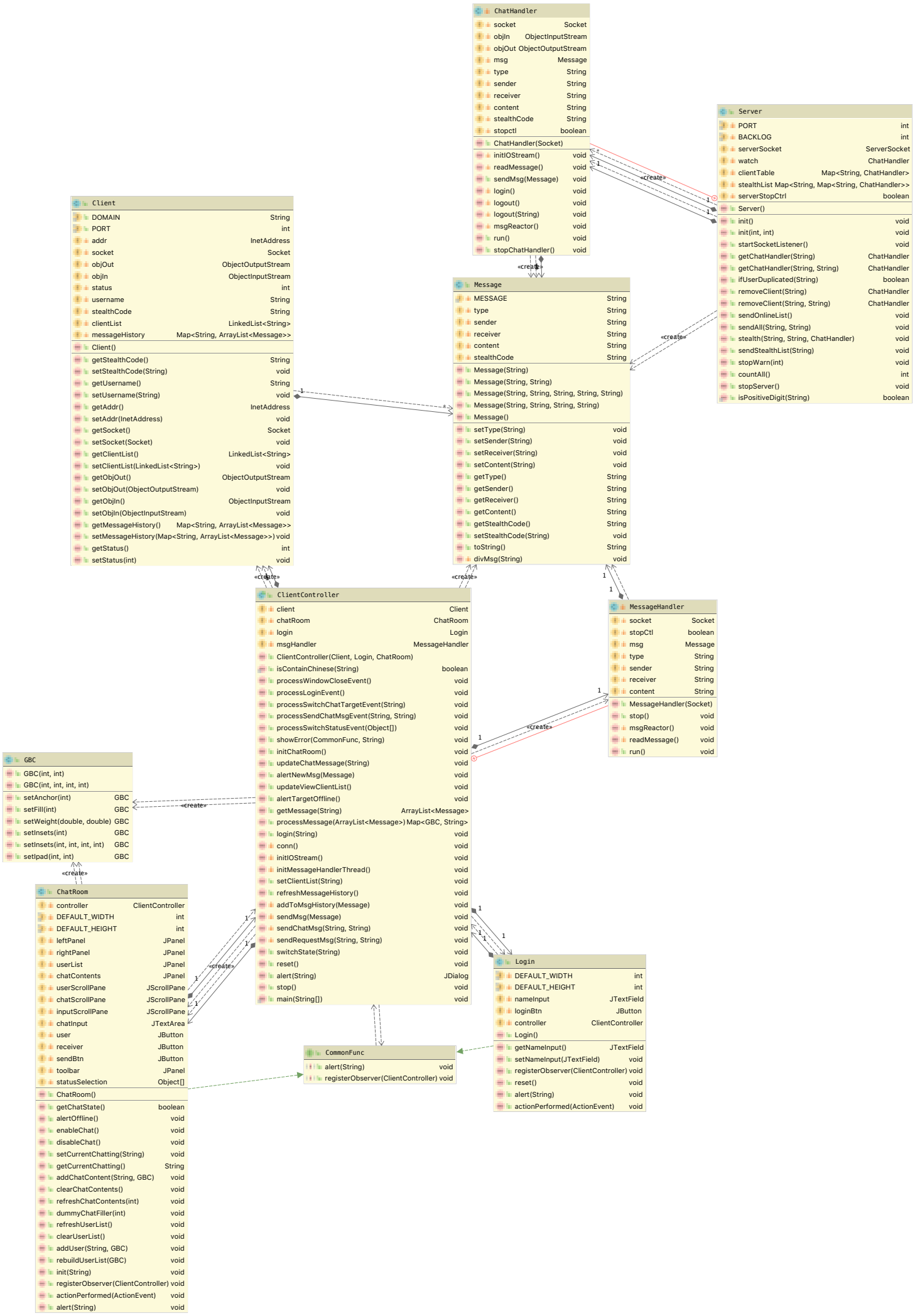
ChatHandler
socket Socket
objIn ObjectInputStream
objOut ObjectOutputStream
msg Message
type String
sender String
receiver String
content String
stealthCode String
stopctl boolean
ChatHandler(Socket)
initIOStream() void
readMessage() void
sendMsg(Message) void
login() void
logout() void
logout(String) void
msgReactor() void
run() void
stopChatHandler() void
Server
PORT int
BACKLOG int
serverSocket ServerSocket
watch ChatHandler
clientTable Map<String, ChatHandler>
stealthList Map<String, Map<String, ChatHandler>>
serverStopCtrl boolean
Server()
init() void
init(int, int) void
startSocketListener() void
getChatHandler(String) ChatHandler
getChatHandler(String, String) ChatHandler
ifUserDuplicated(String) boolean
removeClient(String) ChatHandler
removeClient(String, String) ChatHandler
sendOnlineList() void
sendAll(String, String) void
stealth(String, String, ChatHandler) void
sendStealthList(String) void
stopWarn(int) void
countAll() int
stopServer() void
isPositiveDigit(String) boolean
Client
DOMAIN String
PORT int
addr InetAddress
socket Socket
objOut ObjectOutputStream
objIn ObjectInputStream
status int
username String
stealthCode String
clientList LinkedList<String>
messageHistory Map<String, ArrayList<Message>>
Client()
getStealthCode() String
setStealthCode(String) void
getUsername() String
setUsername(String) void
getAddr() InetAddress
setAddr(InetAddress) void
getSocket() Socket
setSocket(Socket) void
getClientList() LinkedList<String>
setClientList(LinkedList<String>) void
getObjOut() ObjectOutputStream
setObjOut(ObjectOutputStream) void
getObjIn() ObjectInputStream
setObjIn(ObjectInputStream) void
getMessageHistory() Map<String, ArrayList<Message>>
setMessageHistory(Map<String, ArrayList<Message>>) void
getStatus() int
setStatus(int) void
Message
MESSAGE String
type String
sender String
receiver String
content String
stealthCode String
Message(String)
Message(String, String)
Message(String, String, String, String, String)
Message(String, String, String, String)
Message()
setType(String) void
setSender(String) void
setReceiver(String) void
setContent(String) void
getType() String
getSender() String
getReceiver() String
getContent() String
getStealthCode() String
setStealthCode(String) void
toString() String
divMsg(String) void
ClientController
client Client
chatRoom ChatRoom
login Login
msgHandler MessageHandler
ClientController(Client, Login, ChatRoom)
isContainChinese(String) boolean
processWindowCloseEvent() void
processLoginEvent() void
processSwitchChatTargetEvent(String) void
processSendChatMsgEvent(String, String) void
processSwitchStatusEvent(Object[]) void
showError(CommonFunc, String) void
initChatRoom() void
updateChatMessage(String) void
alertNewMsg(Message) void
updateViewClientList() void
alertTargetOffline() void
getMessage(String) ArrayList<Message>
processMessage(ArrayList<Message>) Map<GBC, String>
login(String) void
conn() void
initIOStream() void
initMessageHandlerThread() void
setClientList(String) void
refreshMessageHistory() void
addToMsgHistory(Message) void
sendMsg(Message) void
sendChatMsg(String, String) void
sendRequestMsg(String, String) void
switchState(String) void
reset() void
alert(String) JDialog
stop() void
main(String[]) void
MessageHandler
socket Socket
stopCtl boolean
msg Message
type String
sender String
receiver String
content String
MessageHandler(Socket)
stop() void
msgReactor() void
readMessage() void
run() void
GBC
GBC(int, int)
GBC(int, int, int, int)
setAnchor(int) GBC
setFill(int) GBC
setWeight(double, double) GBC
setInsets(int) GBC
setInsets(int, int, int, int) GBC
setIpad(int, int) GBC
ChatRoom
controller ClientController
DEFAULT_WIDTH int
DEFAULT_HEIGHT int
leftPanel JPanel
rightPanel JPanel
userList JPanel
chatContents JPanel
userScrollPane JScrollPane
chatScrollPane JScrollPane
inputScrollPane JScrollPane
chatInput JTextArea
user JButton
receiver JButton
sendBtn JButton
toolbar JPanel
statusSelection Object[]
ChatRoom()
getChatState() boolean
alertOffline() void
enableChat() void
disableChat() void
setCurrentChatting(String) void
getCurrentChatting() String
addChatContent(String, GBC) void
clearChatContents() void
refreshChatContents(int) void
dummyChatFiller(int) void
refreshUserList() void
clearUserList() void
addUser(String, GBC) void
rebuildUserList(GBC) void
init(String) void
registerObserver(ClientController) void
actionPerformed(ActionEvent) void
alert(String) void
CommonFunc
alert(String) void
registerObserver(ClientController) void
Login
DEFAULT_WIDTH int
DEFAULT_HEIGHT int
nameInput JTextField
loginBtn JButton
controller ClientController
Login()
getNameInput() JTextField
setNameInput(JTextField) void
registerObserver(ClientController) void
reset() void
alert(String) void
actionPerformed(ActionEvent) void
«create»
1
*