# ChatLogicObserver

## ChatLogicSubject

## ClientConnection

| f | chatLogicObservers | List<ChatLogicObserver> |
| f | socket | Socket |
| f | objectOutputStream | ObjectOutputStream |
| f | clientNo | int |
| f | id | UUID |
| f | chatrooms | ArrayList<String> |
| f | publishMessageQueue | BlockingQueue<Packet> |
| f | clientConnectionList | List<ClientConnection> |

## ServerPublisher

| f | chatLogicObservers | List<ChatLogicObserver> |
| f | publishMessageQueue | BlockingQueue<Packet> |
| f | clientConnectionList | List<ClientConnection> |

## ListenNewClient

| f | chatLogicObservers | List<ChatLogicObserver> |
| f | chatrooms | ArrayList<String> |
| f | clientNo | int |
| f | publishMessageQueue | BlockingQueue<Packet> |
| f | clientConnectionList | List<ClientConnection> |
| f | thread | Thread |

## ChatServer

| f | chatLogicObservers | List<ChatLogicObserver> |
| f | chatrooms | ArrayList<String> |
| f | clientConnectionList | List<ClientConnection> |
| f | publishMessageQueue | BlockingQueue<Packet> |
| f | serverPublisher | ServerPublisher |
| f | listenNewClient | ListenNewClient |
| f | thread | Thread |

## ChatLogSaver

| f | printWriter | PrintWriter |

## Package Controller

## Main

## Package FXML