|  |
| --- |
| **Main** |
| main(String[] args) |

|  |
| --- |
| **Router** |
| Router(String hostname, int port) |
| onOpen(WebSocket conn, ClientHandshake handshake) |
| onClose(WebSocket conn, int code, String reason, boolean remote) |
| onError(WebSocket conn, Exception ex) |
| onMessage(Websocket conn, String message) |
| setRoom(Websocket conn, Client client, Room room) |
| getRoom(Location location) |
| broadcast(Post post) |
| HashMap<WebSocket, Client> clients |
| HashMap<Client, Room> rooms |

|  |
| --- |
| **Client** |
| Client() |
| generateToken() |
| isValid() |
| getLocation() |
| getName() |
| getToken() |
| setName() |
| setLocation(Location location) |
| validName(String name) |
| validNames(String names) |
| String name |
| Location location |
| Object token |

|  |
| --- |
| **Room** |
| Router(String name, Location centre, double radius) |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |