login.html

 $\begin{array}{ll} window.onload() \colon \ void \\ createCookie() \colon \ void \end{array}$

login(): void

index.html

sock: WebSocket userName: string channel: channelObj usrList: string[] channels: channelObj[] chanList: channelObj[]

sock.onopen(): void sock.onclose(): void updateTopBar(): void populateChannelList(): void

 ${\rm channelObj}():\,{\rm void}$

populateOnlineChannelList():

void

populateOnlineList(): void

 ${\rm chanInChanList}():\,{\rm int}$

send(): void

sock.onmessage(): void window.onload(): void getChannel(): int errorHandler(): void chanMsg(): void welcomeMsg(): string requestUsrList(): void joinChannel(): void part(): void

invite() : void
requestChanList() : void
createCookie() : void

help(): void logout(): void

printChannelMessages() : void

parseInput(): void