· Bi-directional communication in Real-time over TCP connection



- · Makes it so be client keeps sending requests
- · Server sends a blank response when nothing to report



Websockets Server - Unique commedan Client to reduce latency issues from lovg-polling HTTP Upgrode responds via · Both client and · header to complete Server can Stream messager independently and simultaneously handsharke - ws connection over TCP reflacer handshake

• A us handled teeps on open connection with active users teeps on open connection • Server responds with HTTP status' 201 Switching protocopy with a bowved string of client us-key Ly This helps ensure secure/authenticated key

· Masking helps distinguish vebsocket data from HTTP requests BHeps stop caching from provies • Fragmantation helps prevents exceeding of buffer limitations and stops overwhelming connections from large messages Devents buffer Overflow FIN (Final) bit is set to 'o' for all but last frames of the message. Set to '1' for final frame to signal final fragment of message to reciever.