Web Sockets Crash Course

Collaborative Coding
Application

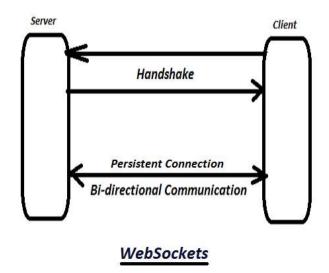




What is WebSocket?



➤ WebSocket is a computer communications protocol, providing full-duplex communication channels over a single TCP connection. The WebSocket protocol was standardized in 2011.



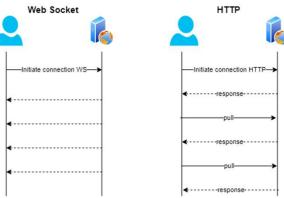


How WebSocket's work?



- ➤ WebSocket's provide a persistent connection between a client and server that both parties can use to start sending data at any time.
- The client establishes a WebSocket connection through a process known as the WebSocket handshake.

This process starts with the client sending a regular HTTP request to the server.

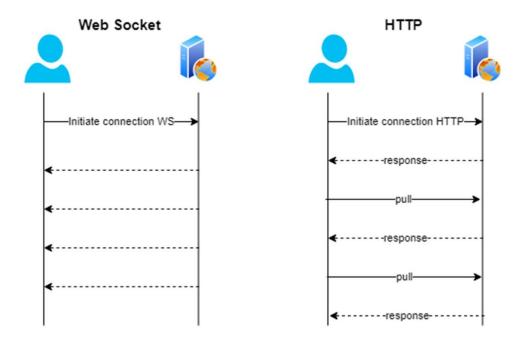




WebSocket simple work



- > Establish persistent connection.
- > Send and Receive data.

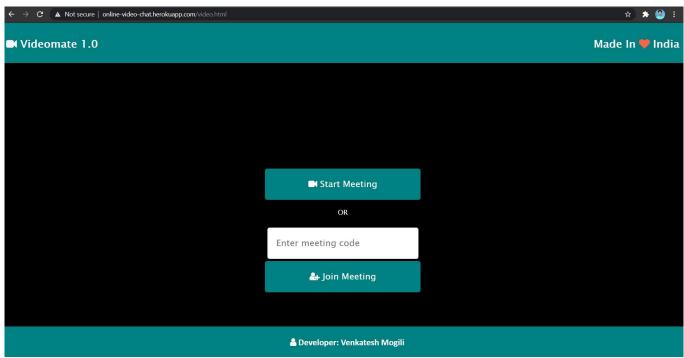




WebSocket Applications



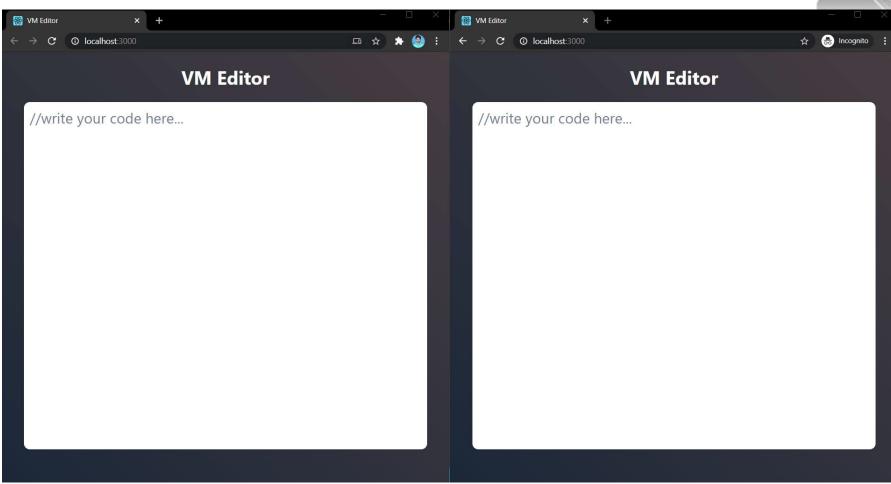
- ➤ Google Meet, Zoom, Microsoft Teams
- > Multimedia chat
- Multiplayer games
- ✓ Collaborative editing/coding





Collaborative Coding





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