Socket.io

1. What does this technology (library/framework/service) accomplish for you?

We are basically using socket.io to enable the real time bidirectional event-based communication for our messaging functionalities between users. This socket.io is used in our front end, React and backend, node.js.

2. How does this technology accomplish what it does?

The server works by first establishing a long-polling connection, then later tries to upgrade to WebSocket. Each user is connected to the server and the server socket will wait and listen to messages between connected users for real time communication. Also if the server is down, the user will try to reconnect again for forever until the server is up again.

The documentation is on this link https://socket.io/docs/ and https://github.com/socketio/socket.io

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