

Online Anonymous Multi-User Message Board

大氣四

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GitHub Repo: <https://github.com/1chooo/multi-message-board>

React App

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! http://localhost:30...

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Chat History 🎙️

New User Joined...

New User Joined...

Type a message... Hit Enter to Send 🔥

React App

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! http://localhost:3000

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Chat History 🎙️

New User Joined...

Type a message... Hit Enter to Send 🔥

Features

1. Go Backend / ReactJS Frontend
2. TCP Socket
3. Real-Time, Multithreading
4. Friendly to CS Students
5. RWD
6. Non Blocking
7. Git Version Control, Dockerfile

Why Go, ReactJS



Multithreading, Frontend and Backend Separately

How it works?



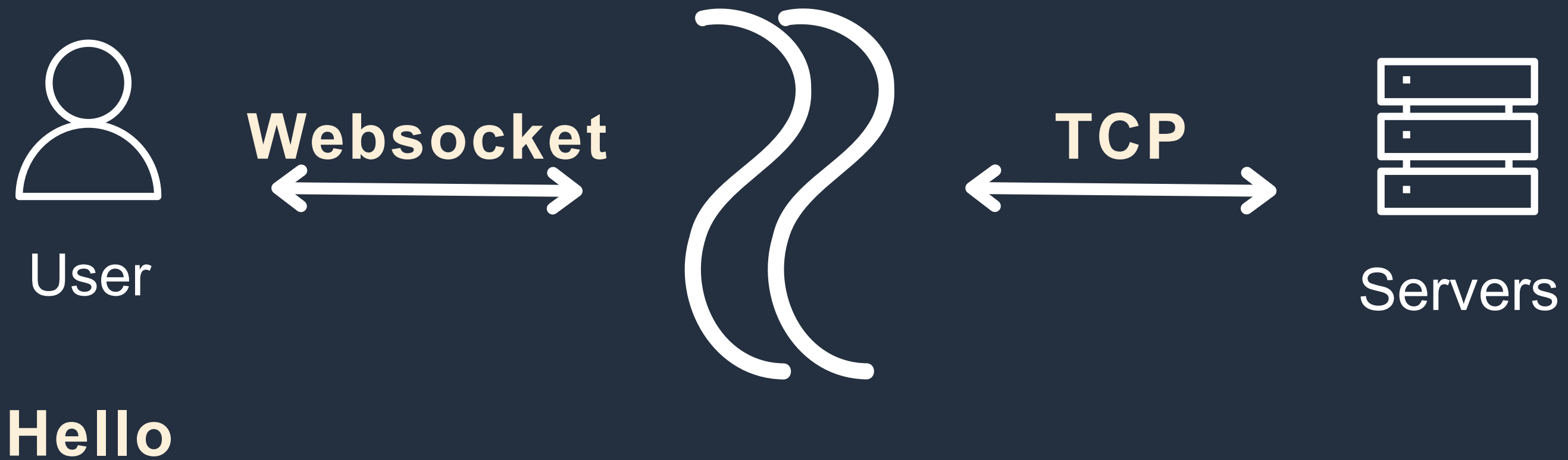
Frontend
localhost:3000

api
ws://localhost:8080/ws
↔



Backend
localhost:8080

How it works?



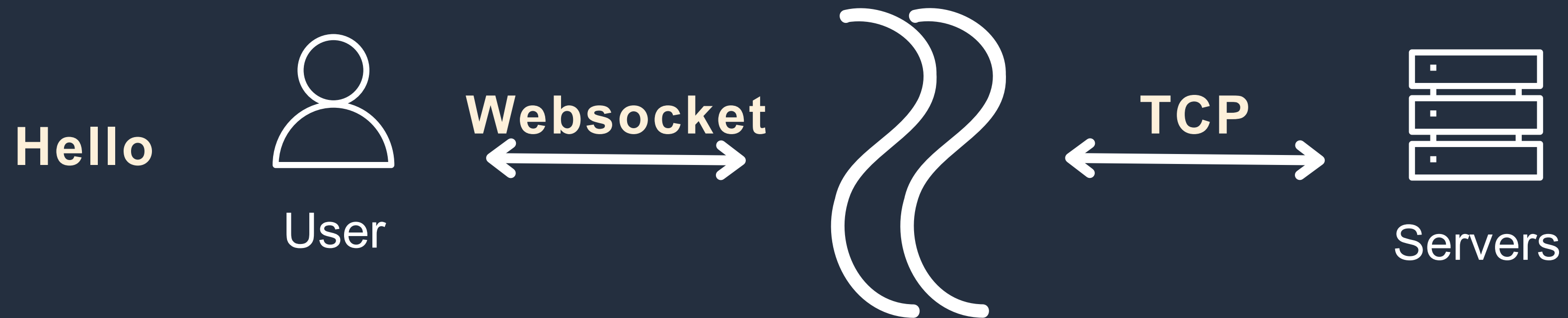
How it works?



How it works?



How it works?



How it works?

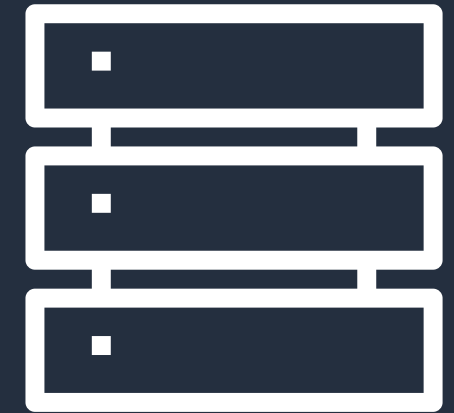


User

WebSocket

A white double-headed arrow pointing left and right, representing a bidirectional connection.

TCP

A white double-headed arrow pointing left and right, representing a bidirectional connection.

Servers

Hello



User

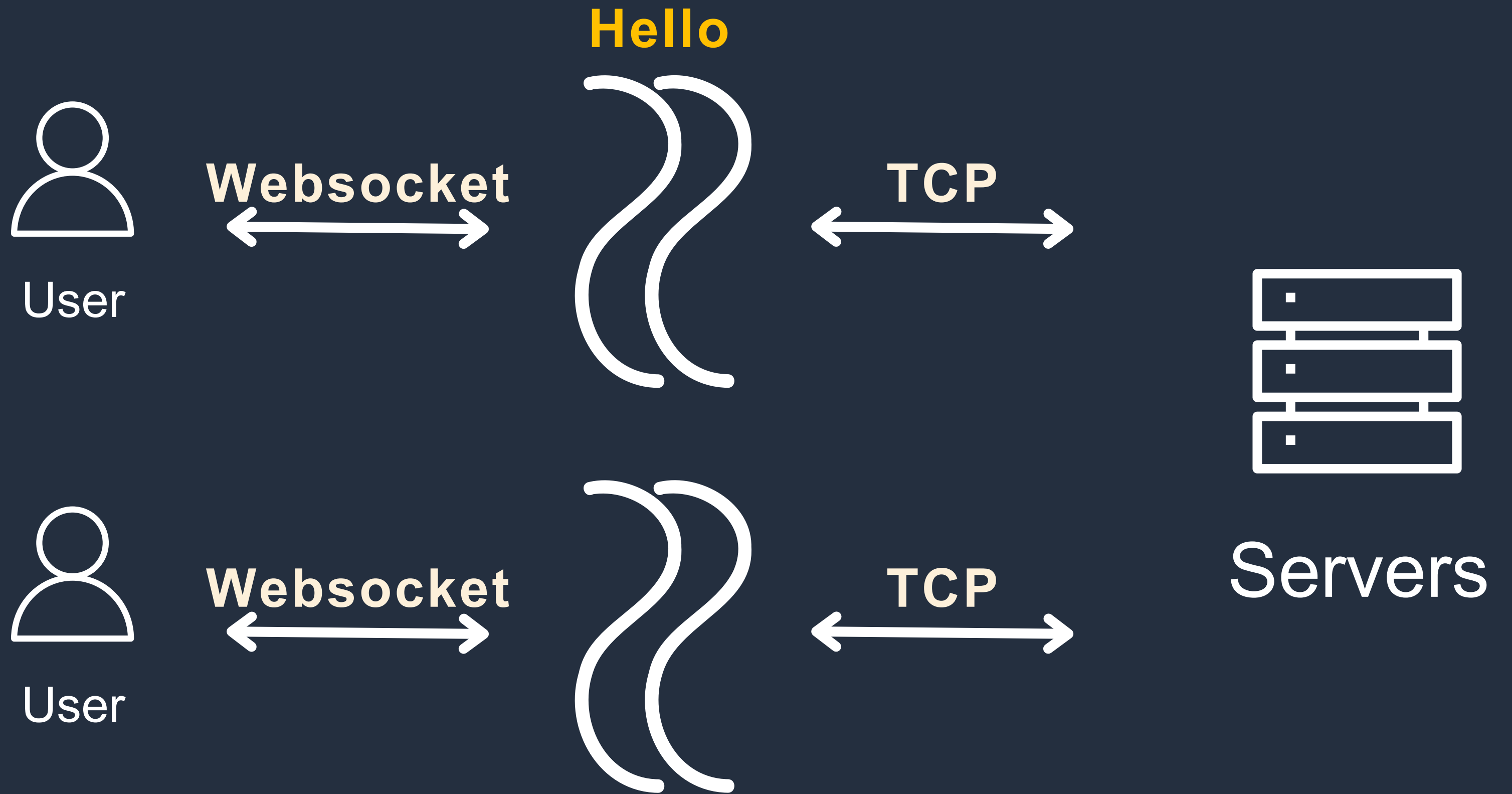
WebSocket

A white double-headed arrow pointing left and right, representing a bidirectional connection.

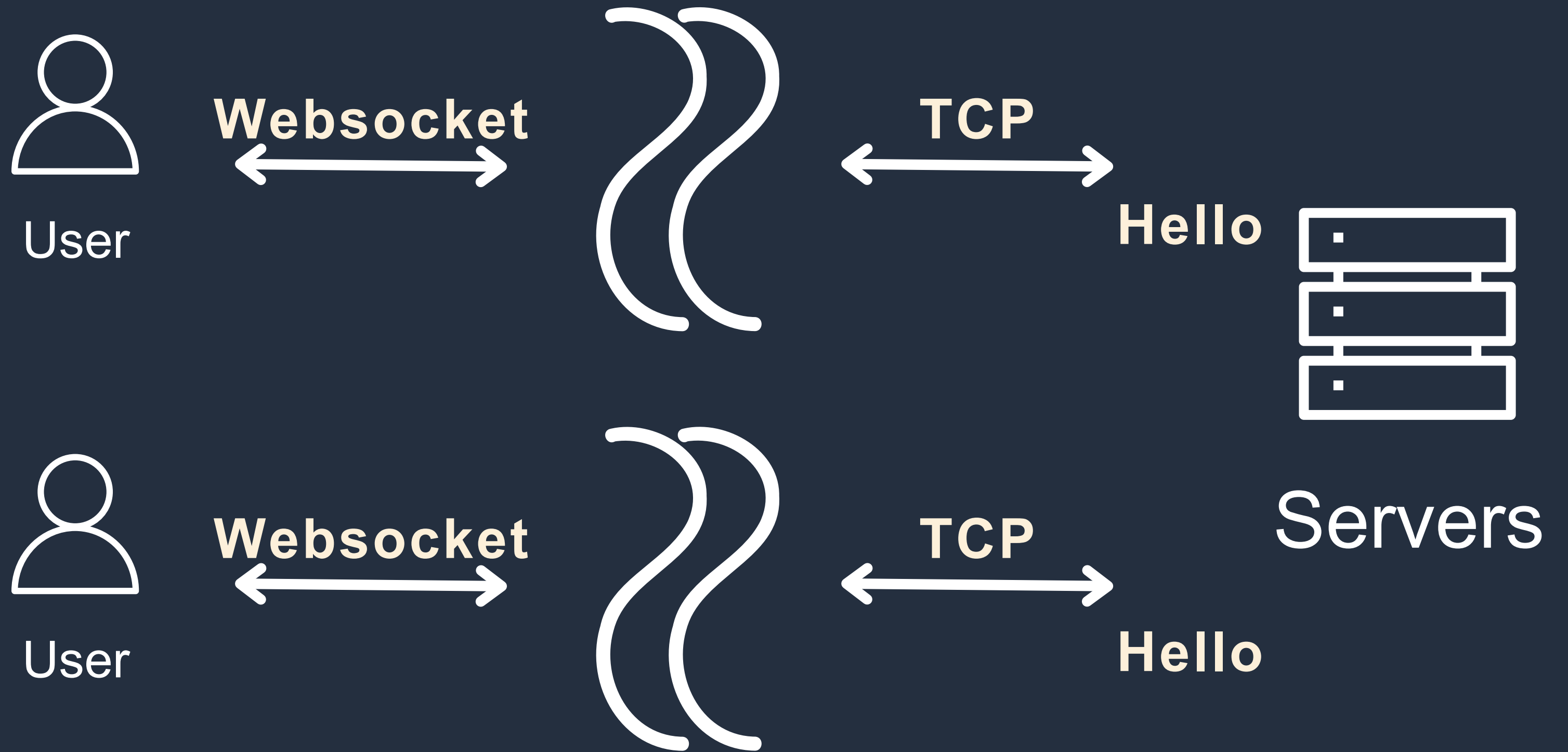
TCP

A white double-headed arrow pointing left and right, representing a bidirectional connection.

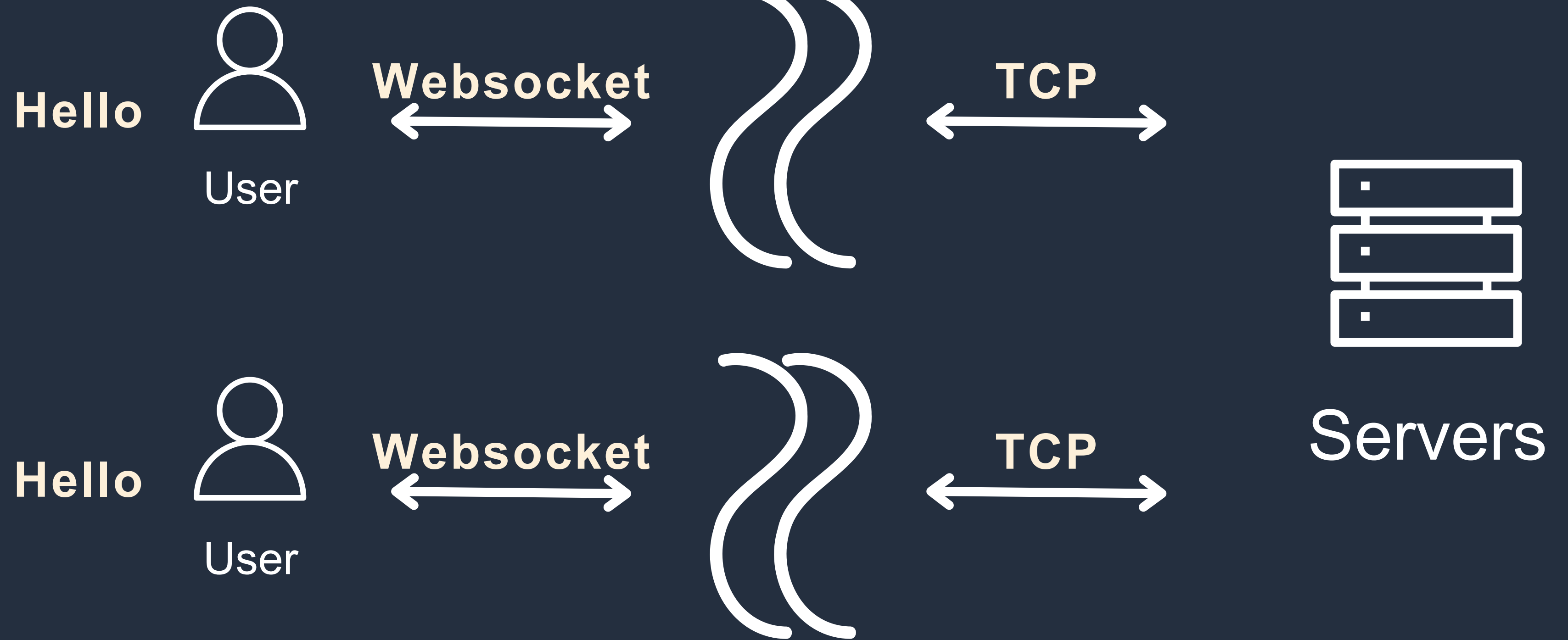
How it works?



How it works?



How it works?



Future

1. Record User Information
2. Represent the number of online users
3. Deploy into **AWS**

A woman with long dark hair is seen from the side, sitting at a desk and working on a laptop. The laptop screen displays a dashboard with several colorful charts and graphs. In the background, there is a bookshelf filled with books and a glass of water on the desk. The overall scene is dimly lit, suggesting an indoor office environment.

Thanks for your enjoying!

Represent by 林群賀

Reference

1. [Create A Real Time Chat App With Golang, Angular, And Websockets](#)
2. [Building a Chat Application in Go with ReactJS](#)