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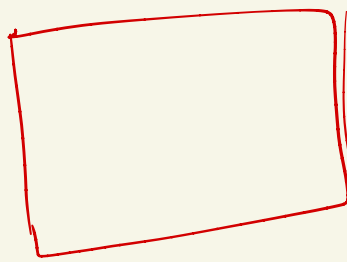
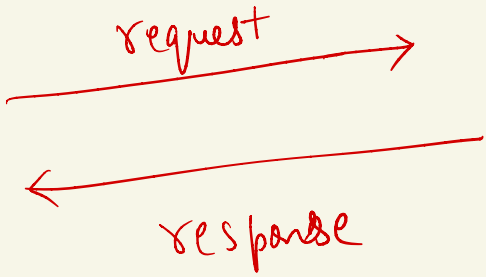
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\*  
fetch

Phone 1

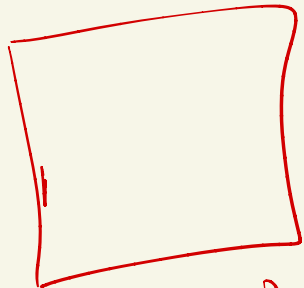


request. query  
/ headers  
/ body

Server



response.  
→ JSON  
→ Text  
→ HTML

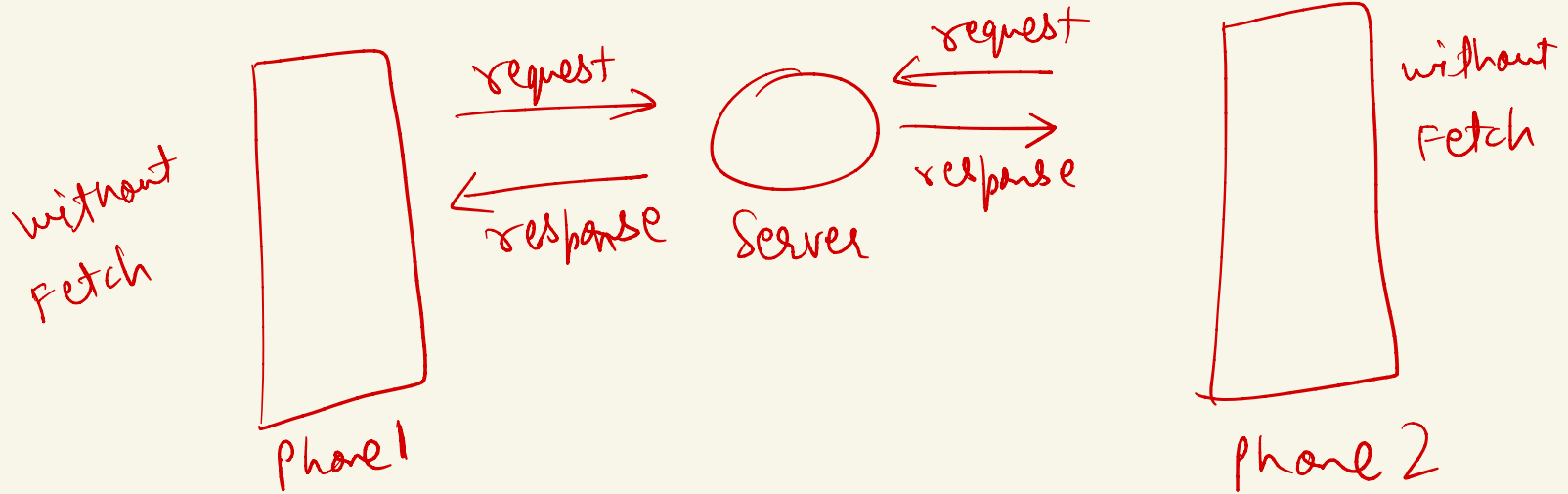


Phone 2

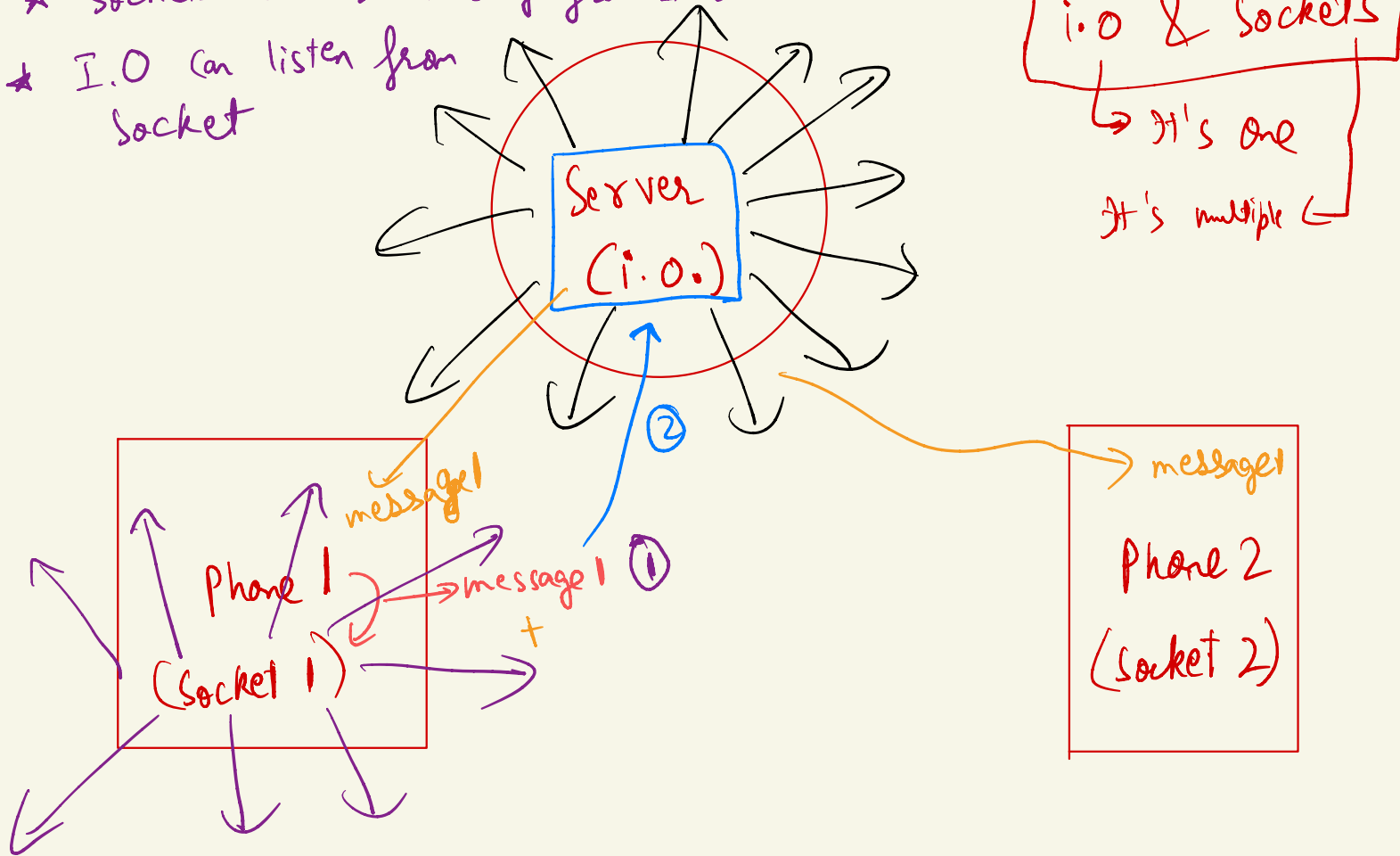
fetch

→ `setInterval(fetch, 1000);` → battery consuming of Phone 2  
→ CPU expensive of Phone 2

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- ★ Sockets can listen only from I.O.
- ★ I.O can listen from socket



Socket 1

{ message: message1  
username: username1 }

I.O.

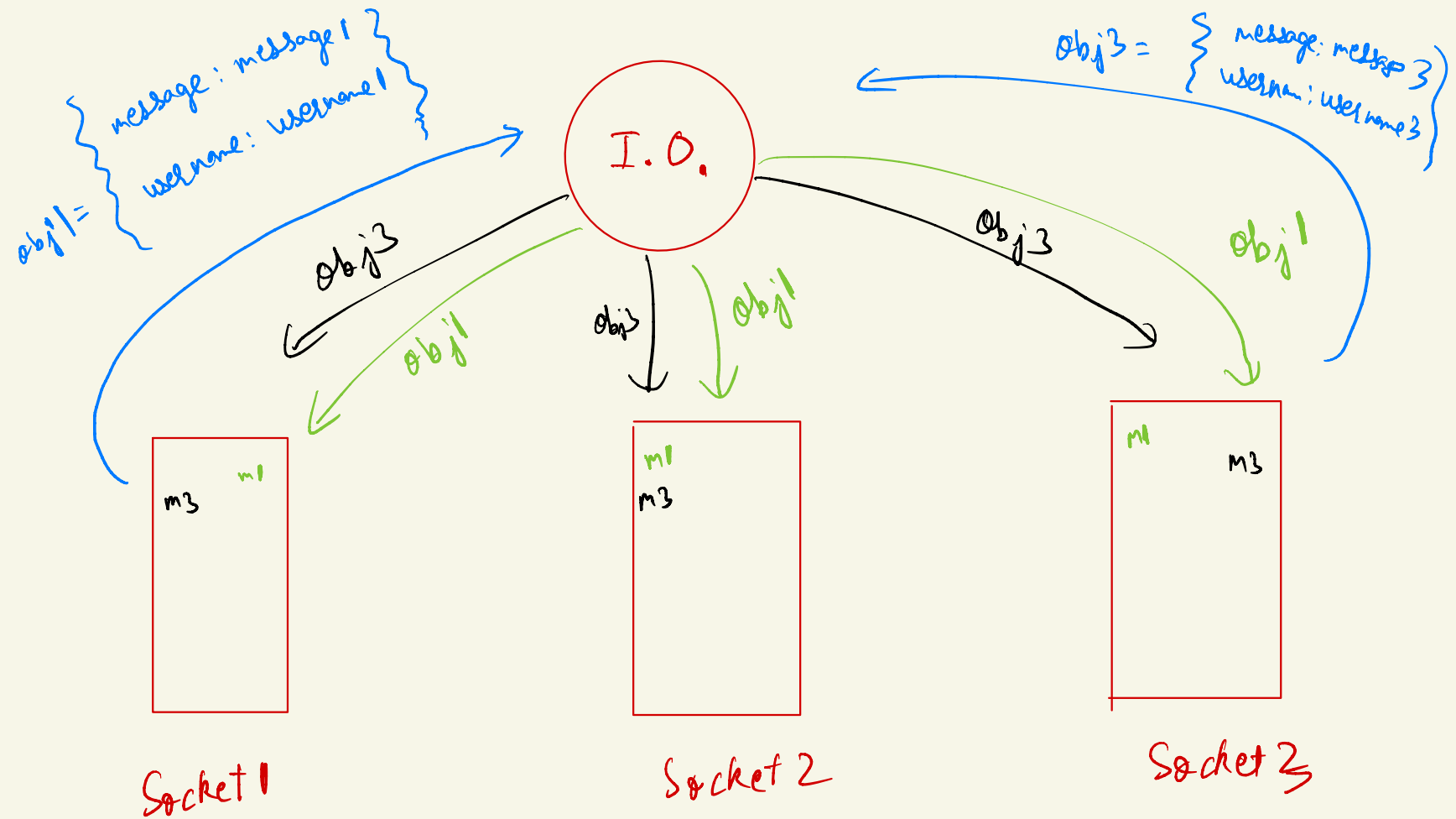
here, I will  
ignore all the  
objects with  
username as username1

{ message: message1  
username: username1 }

{ message: message1  
username: username1 }

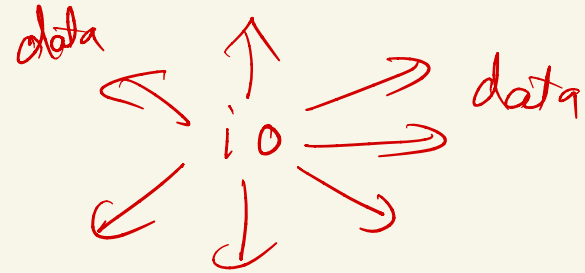
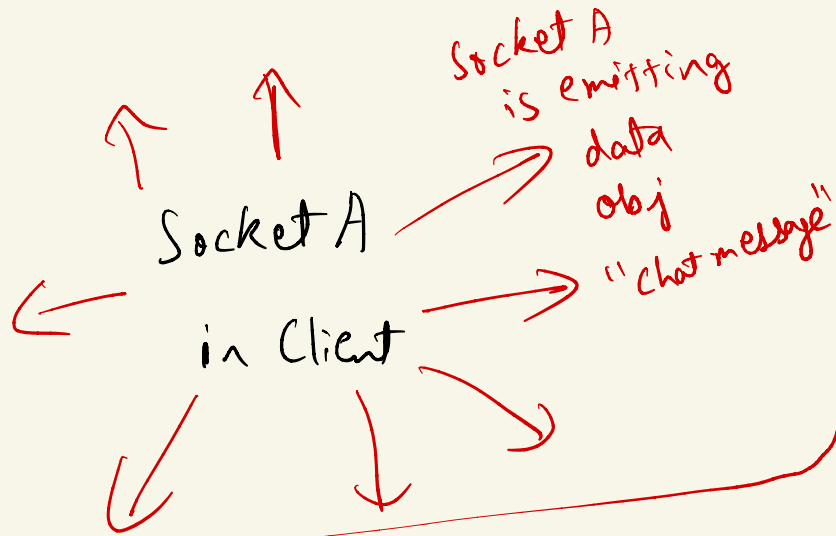
Socket 2

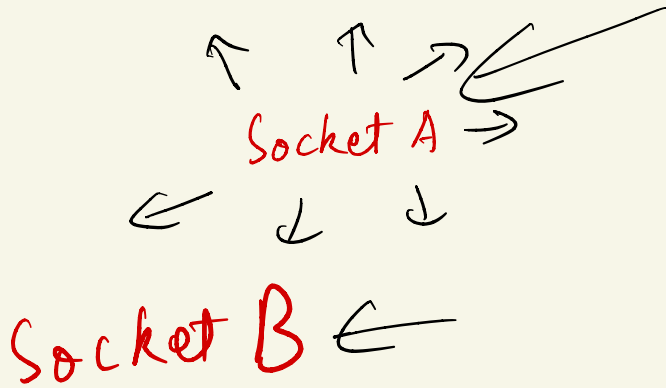
here, I will  
ignore all the  
objects with  
username as username2



data = { message: message  
id: socket.id }

⇒ Socket.on("chat message")  
⇒ data → io





"chat message"

```
socket.on("chat message", data => {  
  io.emit("chat message", data);  
})
```

socket.on("chat message")

