Socket.io Basics

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www.jswiz.net

Overview

WebSockets

Main Features

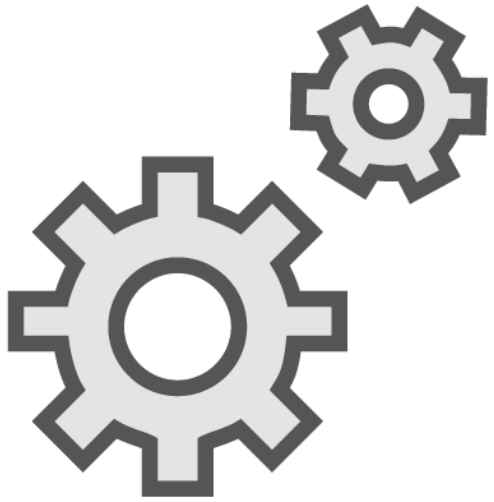
Who is Using

Other Use Cases

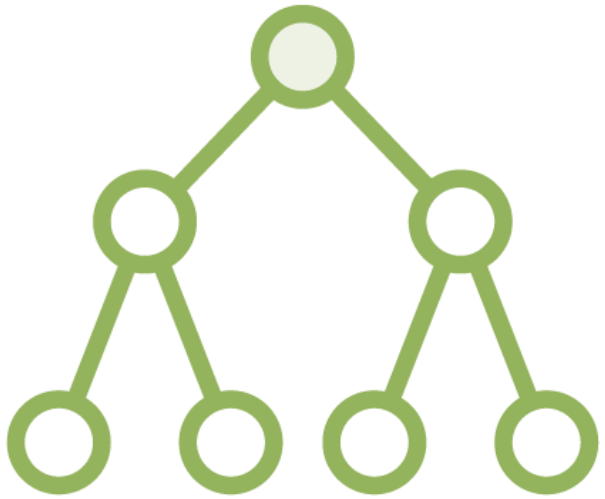
What is Socket.io

Built with Websockets

Socket.io & WebSockets

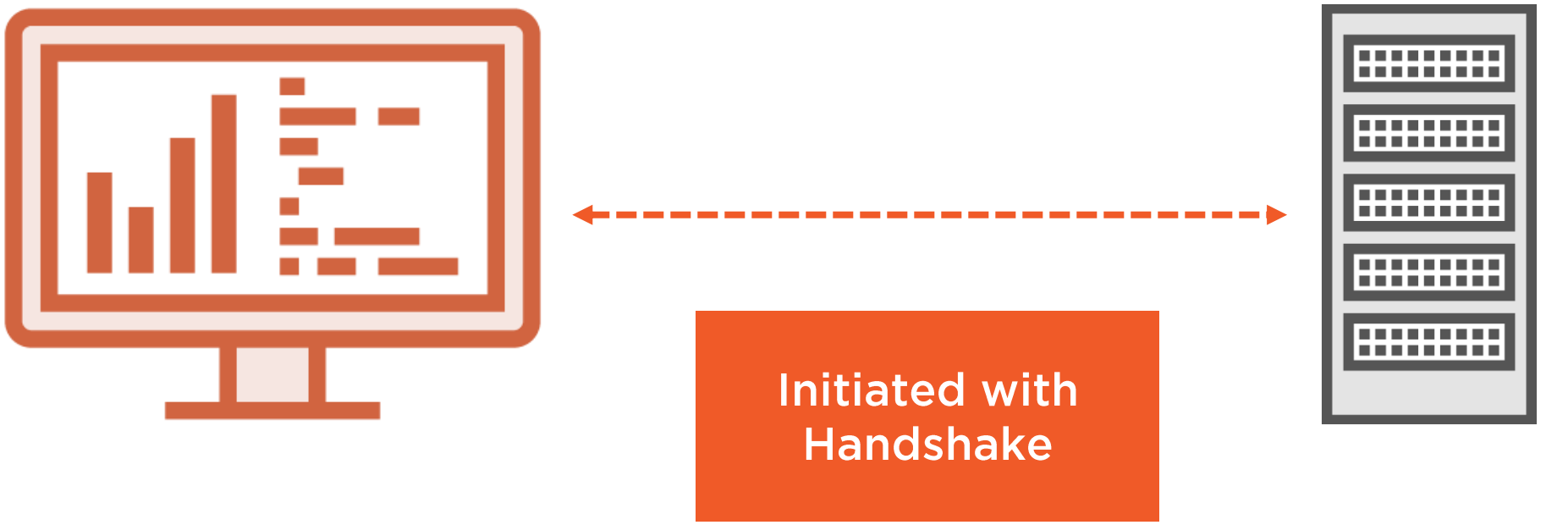


Socket.io uses Engine.io

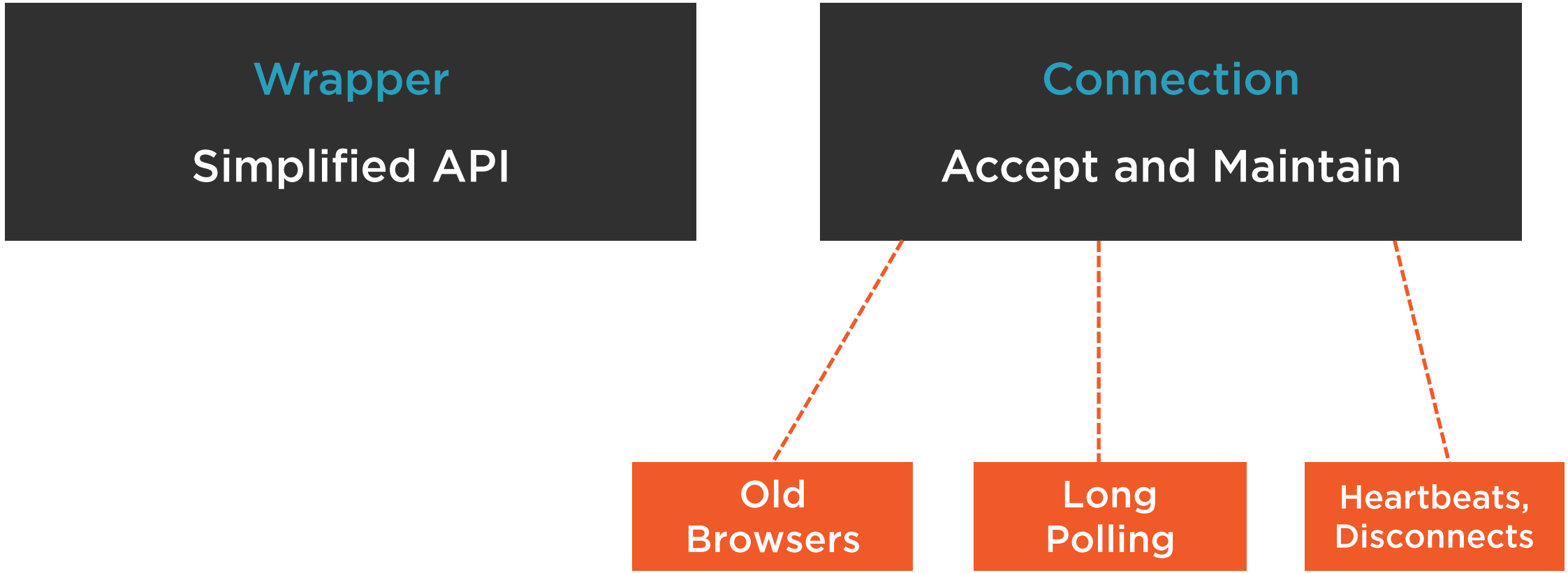


Engine.io uses WebSockets

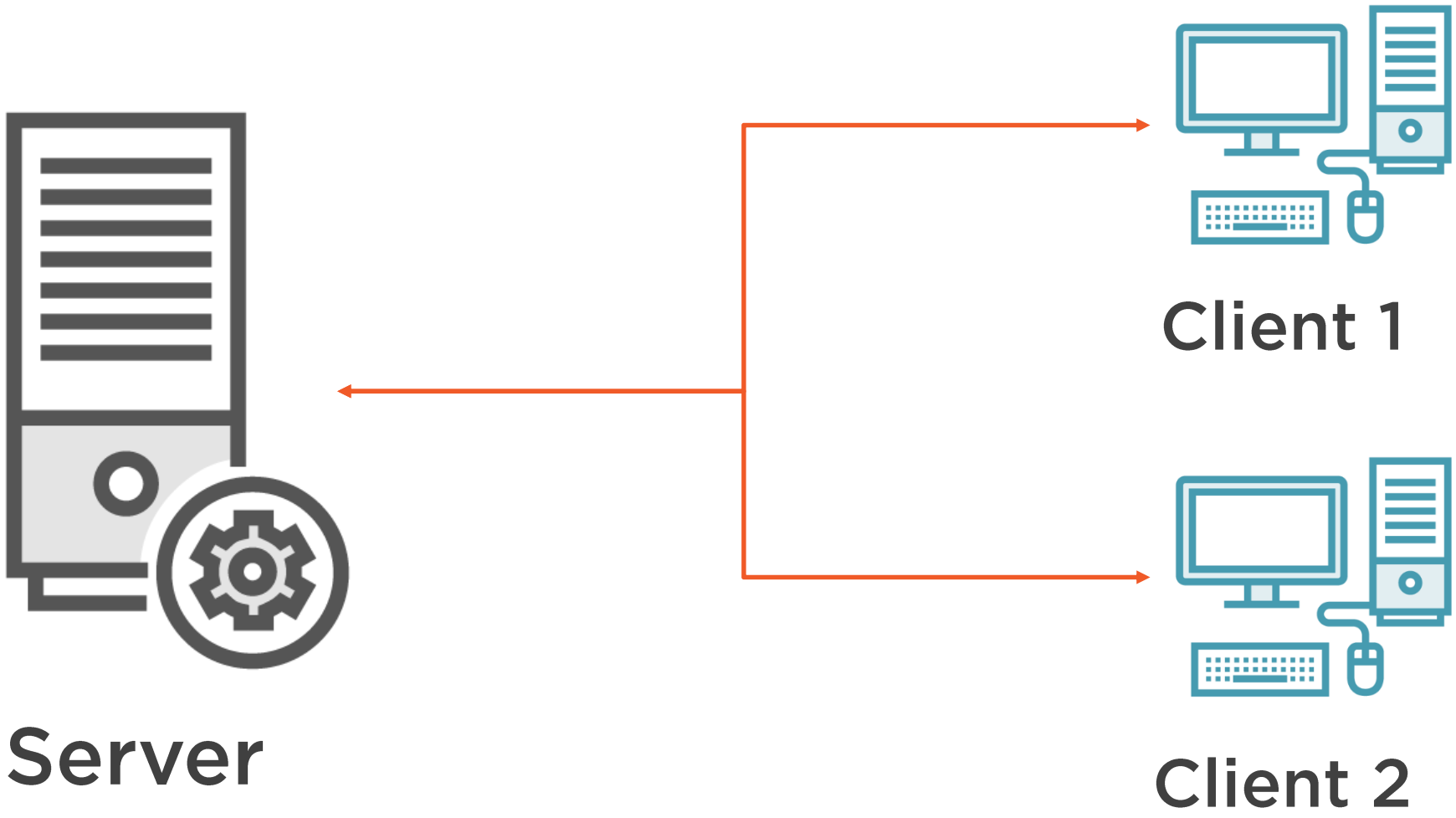
WebSockets



Problems Socket.io Solves



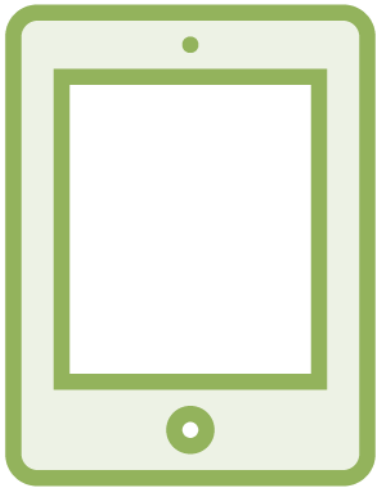
Scaling



Browser Support

Smartphone

Desktop



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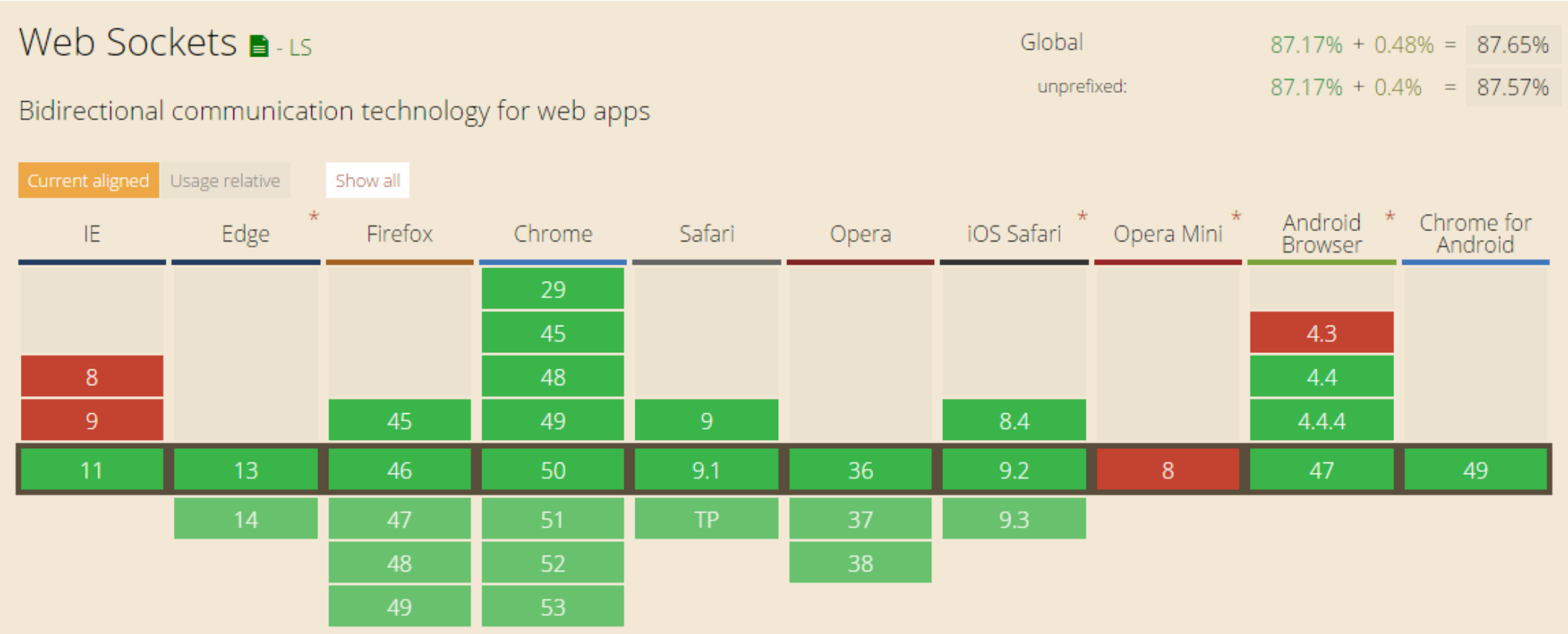
Browser Support

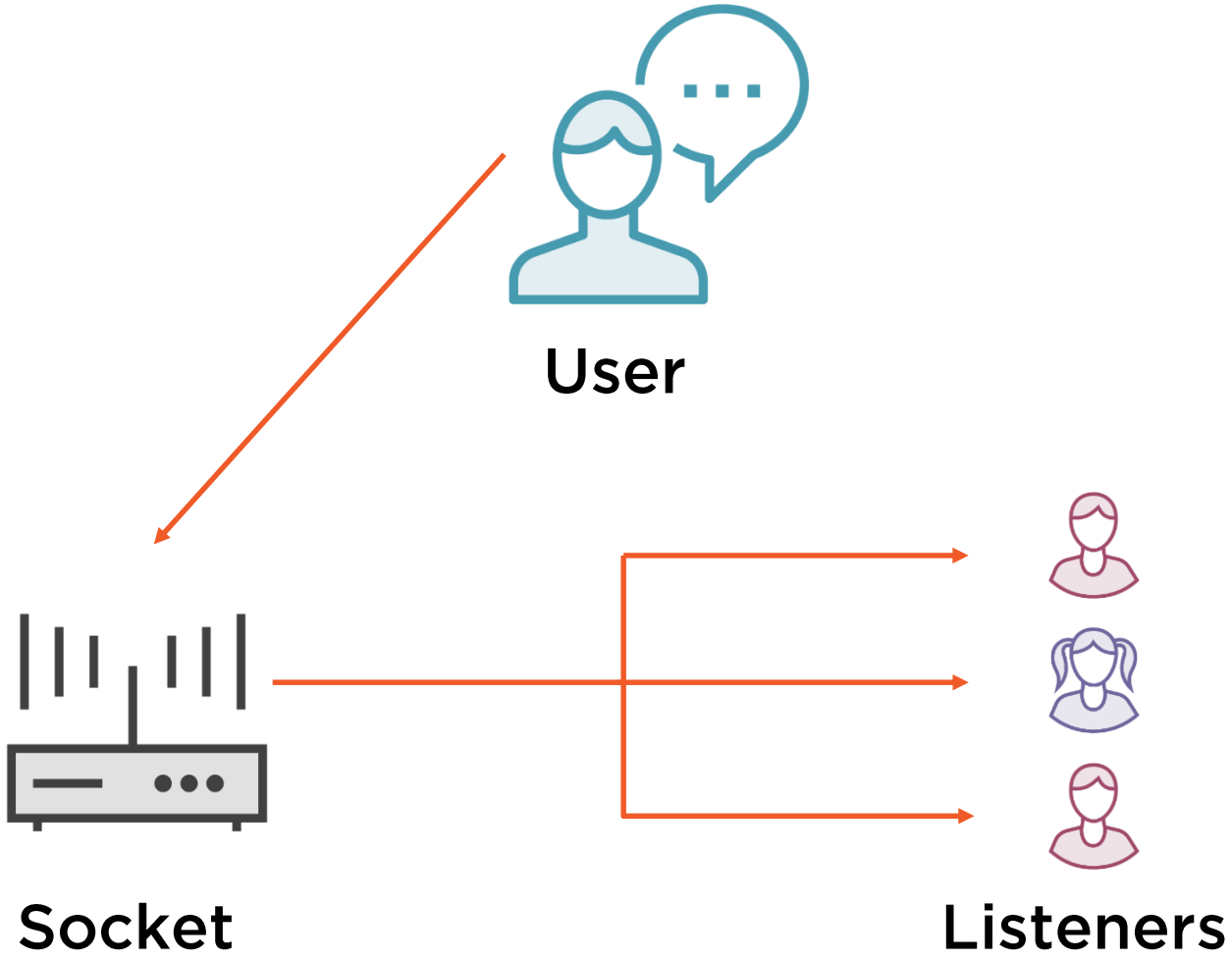


http://caniuse.com/#feat=websockets

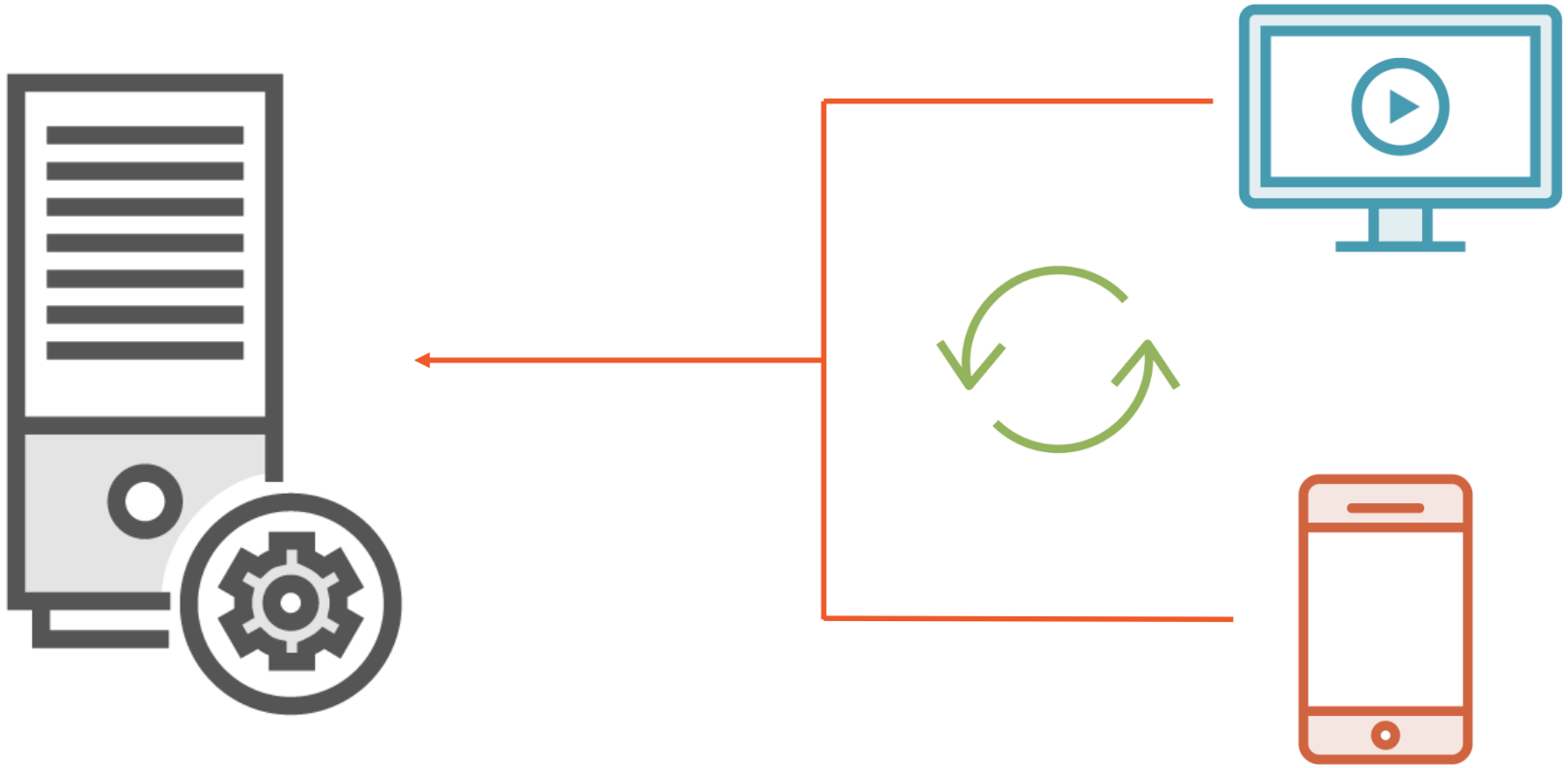
Socket.io Features

Socket.IO is event-based and bi-directional

Socket Connection



Open Connection

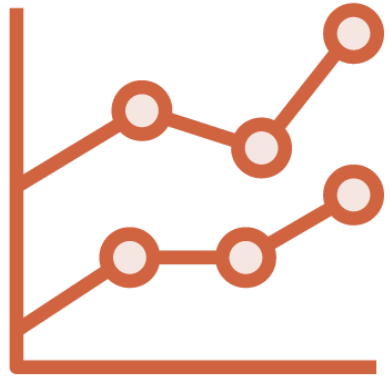


```
{
    buy: 2940.03,
    high: 2970,
    low: 2901,
    market: “btccny”,
    open: 2930.15
}
```

JSON Example

Low Latency

Messages and Data



Best With

Chat, Analytics, Notifications

Socket.io Uses

Examples

Products

- Office, Yammer, Zendesk, and Trello

Notifications

- Facebook and Twitter

Dashboards

- Analytics

Group Connections

- Games
- Events
- Gambling
- Trading
- Forms

Summary

- Built for Node.js
- Works over Websockets
- Uses JSON
- Products