Teleportal

Real-time collaborative editing framework

🌐 https://teleportal.tools

🦋 @teleportal.tools

Nick Perez

Architecture

Clients

Provider
Y.Doc in memory

Provider
Y.Doc in memory

Provider
Y.Doc in memory

🌐 WebSocket

or

→ HTTP + SSE

Server

Teleportal Server

🔒 Permissions

🕐 Rate Limiting

➤ Propagate Updates

Storage

Database
PostgreSQL, SQLite, etc.

Pub/Sub
Server-to-Server

Horizontal & Vertical Scaling

Decouple Storage from Compute

Full System Control
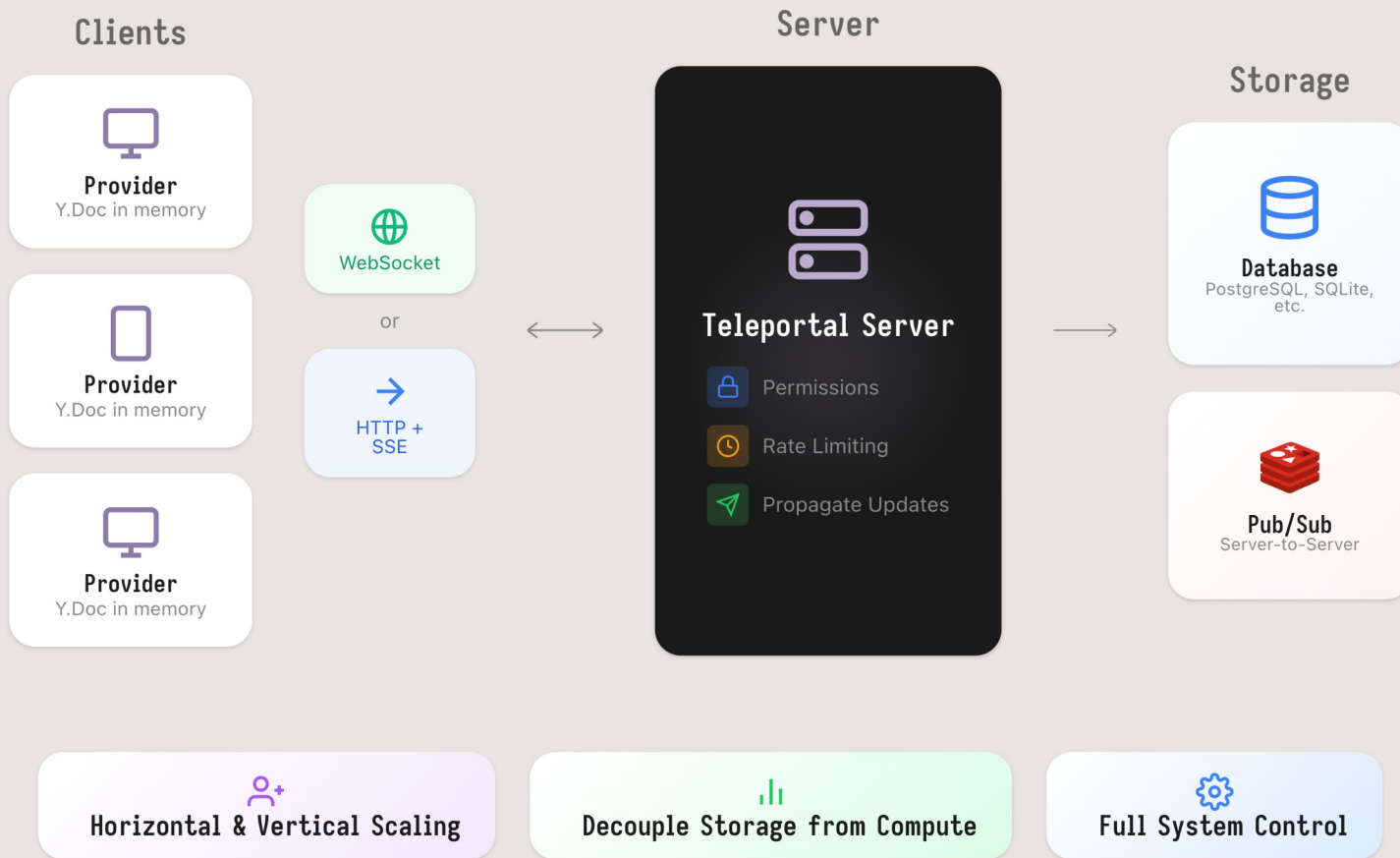
Teleportal

A modular framework for real-time collaboration built on Y.js

Any Transport

WebSocket HTTP/SSE WebRTC*

Document **Versioning**

File **Embeds**

Any Storage

Any Runtime

Build collaboration into *your app*

Developer Tools

▶ Filters · ● Connected (websocket) 1m ago · 1 doc Limit: 200

37 Messages Clear

Message Inspector Copy

↙ AWARENESS-UPDATE	✓ test	11:53:23 PM
↙ AWARENESS-UPDATE	✓ test	11:53:16 PM
↗ AWARENESS-UPDATE	✓ test	11:53:10 PM
↙ AWARENESS-UPDATE	✓ test	11:53:07 PM
↙ AWARENESS-UPDATE	✓ test	11:53:01 PM
↗ AWARENESS-UPDATE	✓ test	11:52:55 PM
✓ AWARENESS-UPDATE	✓ test	11:52:46 PM

ⓘ DETAILS

Message ID bqfuQw/IvlZ/LEKel38FEf/f7/E UrvxkPU2aWa+XL3Y=

Direction ↗ Sent

Type awareness-update

Auth

RPC

Horizontal **Scaling**

Middleware

E2EE

Observability

Thank You!

The aim of Teleportal is to lower the barrier to entry for Y.js integration.

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