DATASTAR
THE HYPERMEDIA FRAMEWORK

Basic CRUD ━━━━━━━━━━━━━━━━ Real-time

BUILD REACTIVE WEB APPS THAT STAND THE TEST OF TIME

Datastar is a **lightweight** framework for building everything from simple sites to real-time collaborative web applications.

BACKEND

Harness the simplicity of server-side rendering and the power of a frontend framework with a single **10.75 KiB** file.

Write your backend in the language of your choice (we have [SDKs](#), too).

GET STARTED

Datastar accepts `text/html` and `text/event-stream` content types, so you can send regular **HTML** responses or stream **server-sent events (SSE)** from the backend.

See the difference by trying **zero** and **non-zero** intervals below.

Interval in ms:

| 400 | START |

Network Response

REACTIVE FRONTENDS WITH NO USER-JS

Datastar allows you to **iterate quickly** on a **slow-moving, high-performance** framework.

0:00

GET STARTED

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DATASTAR SOLVES MORE PROBLEMS THAN IT CREATES

Unlike most frontend frameworks, Datastar simplifies your frontend logic, shifting **state management** to the backend.

hypermedia-driven approach.

STATE IN THE RIGHT PLACE

Add reactivity to your frontend using `data-*` attributes.

```
1  <button data-on-click="@get('/endpoint')">
2      Open the pod bay doors, HAL.
3  </button>
4
5  <div id="hal">Waiting for an order...</div>
```

BACKEND DRIVEN FRONTENDS
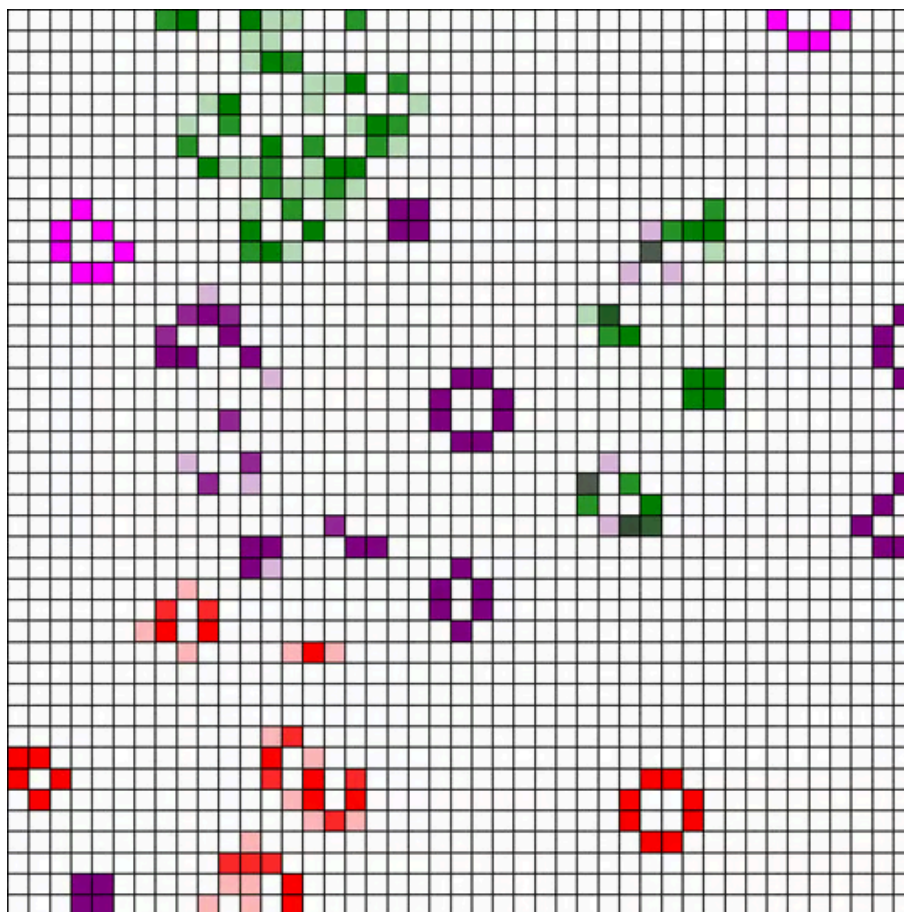
Modify the DOM and state from your backend.

```
1  sse.PatchElements(`
2      <div id="hal">I'm sorry, Dave. I'm afraid I can't do that
3  `)
4  time.Sleep(1 * time.Second)
5  sse.PatchElements(`<div id="hal">Waiting for an order...</div>
```

OPEN THE POD BAY DOORS, HAL.

Waiting for an order...

GAME OF LIFE

Datastar is exactly like React, except without the network, virtual DOM, hooks, or JavaScript. Oh and you get multiplayer and realtime for free. Did I mention you can use any backend

frontend for me – I can now get back to solving business problems.

[Anders Murphy](#)

BACKED BY A NONPROFIT
SUPPORTED BY A COMMUNITY
CODED BY HAND

Simple. Fast. No bloat. No VCs.

MORE ABOUT US

Grow up. Nobody wants to use your 💩 framework, even you.

[Theo](#)

READY FOR LIFTOFF?

GUIDE

REFERENCE

EXAMPLES