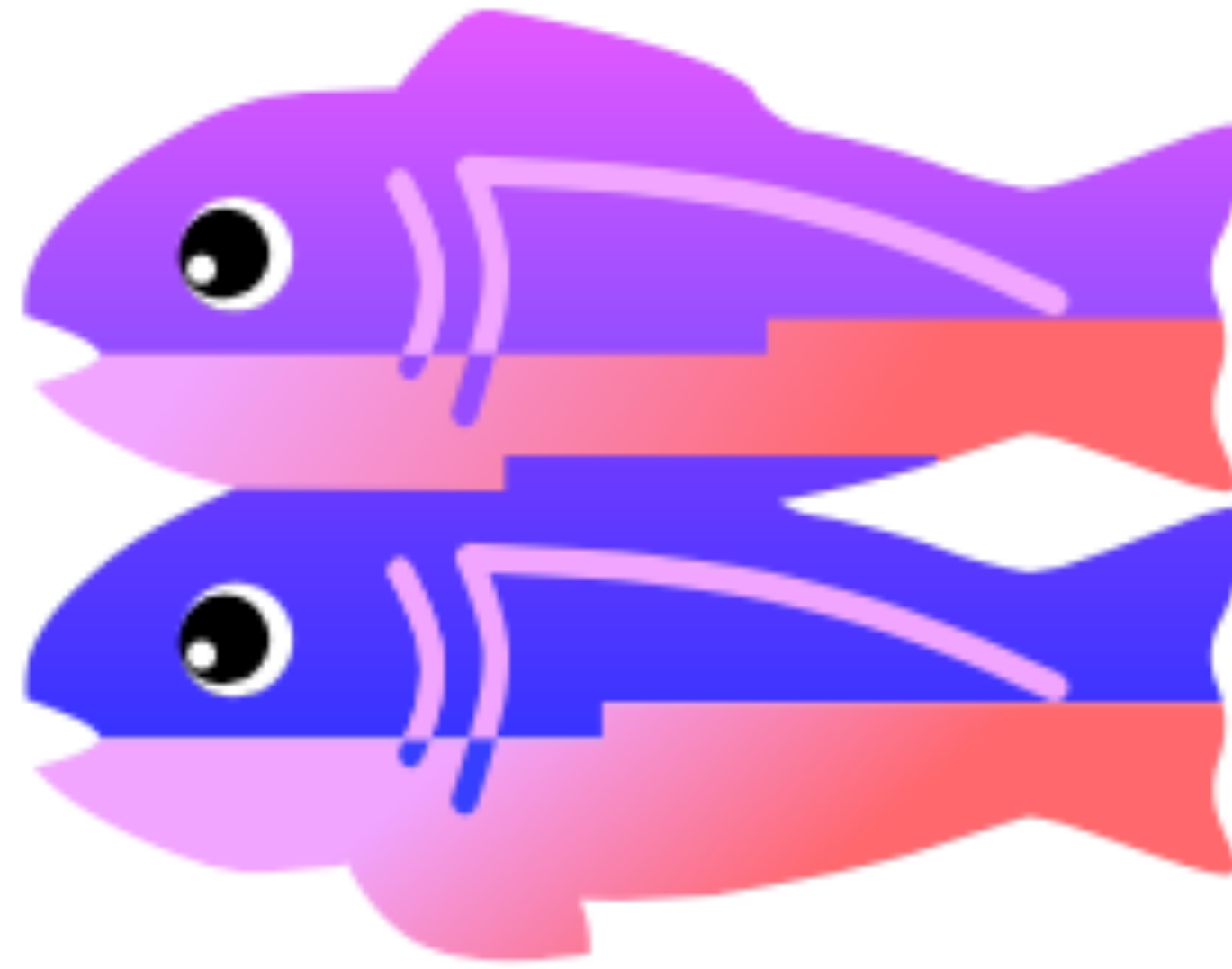


glitch.com



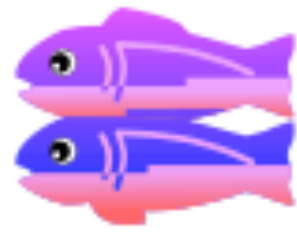
What is Glitch?

“Everybody has good ideas of things we want to make on the Internet. But honestly, it’s gotten too hard. Gomix fixes that.”

If you’re not a professional developer, the barriers are way too high. There are pretty good tools if you just want to make a marketing website or a blog, but if your idea is an app or a bot or something more interactive, you’re out of luck. It ought to be as easy to make an app as it is to edit a blog post or to change a formula in a spreadsheet.”



Anil Dash, December 6, 2016



<https://glitch.com/about/>

Glitch is the friendly community where
you'll build the app of your dreams



[Start Coding](#)

With working example apps to remix, a code editor to modify them,
instant hosting and deployment - anybody can build a web app on
Glitch, **for free.**

Glitch is the friendly community where you'll build the app of your dreams

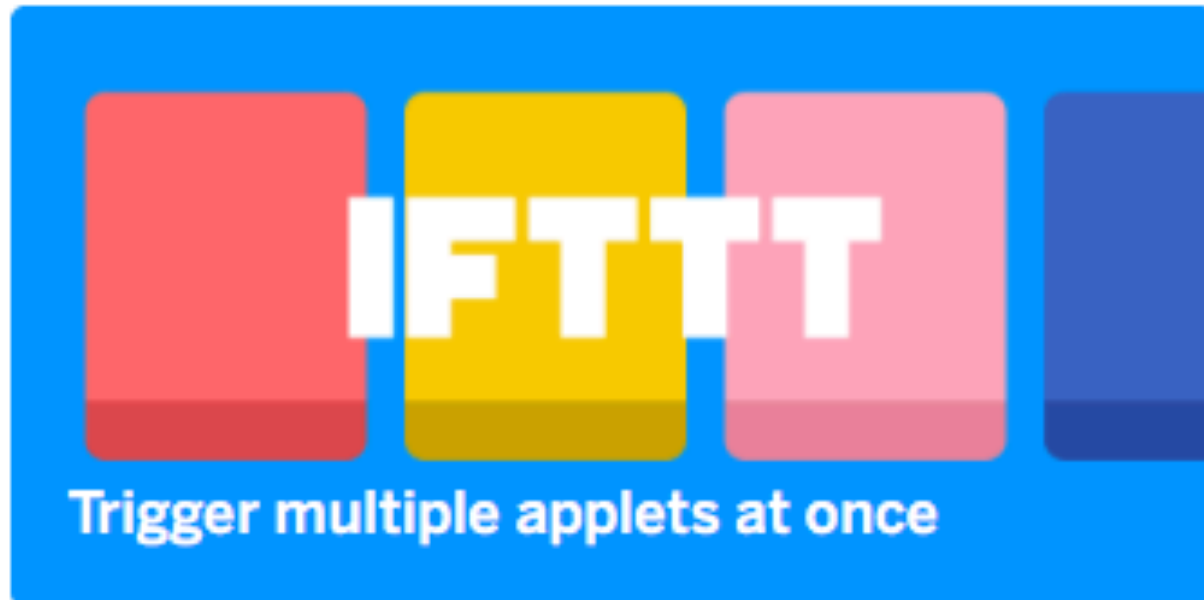
With working example apps to remix, a code editor to modify them, instant hosting and deployment - anybody can build a web app on Glitch, for free. [Learn more](#)

 [How it works in 2 minutes](#)

Featured Apps



garethx

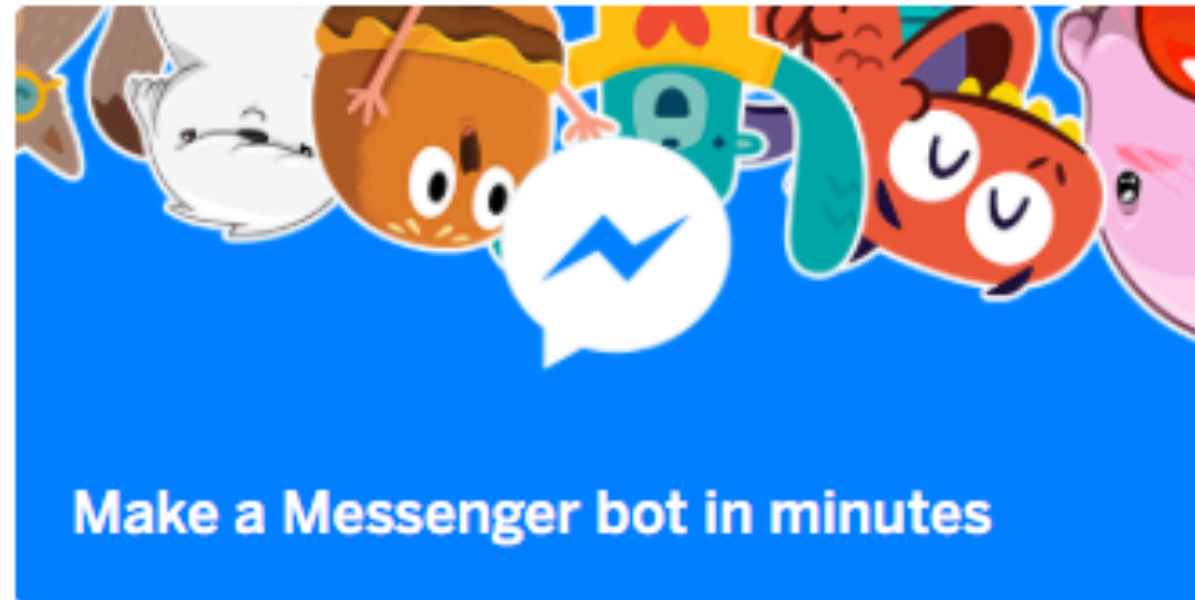


IFTTT

Trigger multiple applets at once



Glitch Team



Make a Messenger bot in minutes



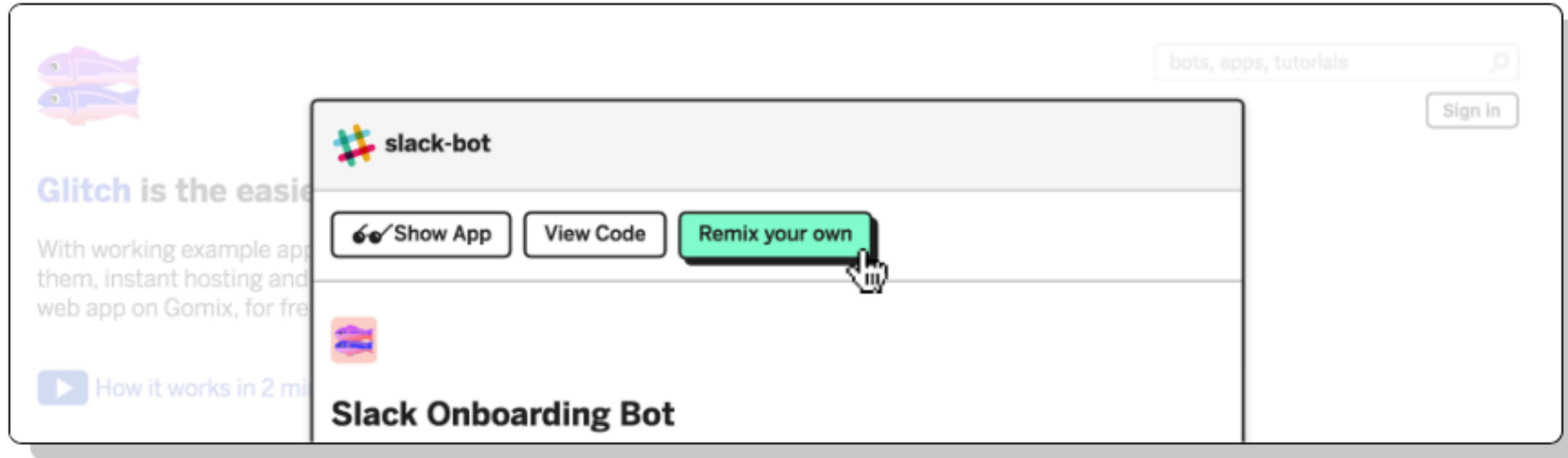
TryGhost



ghost

Start your own blog

Start by remixing



You never have to start from a blank slate. Remix a full, working app to personalize it for your needs, or build on the most popular and powerful developer frameworks to create your app.

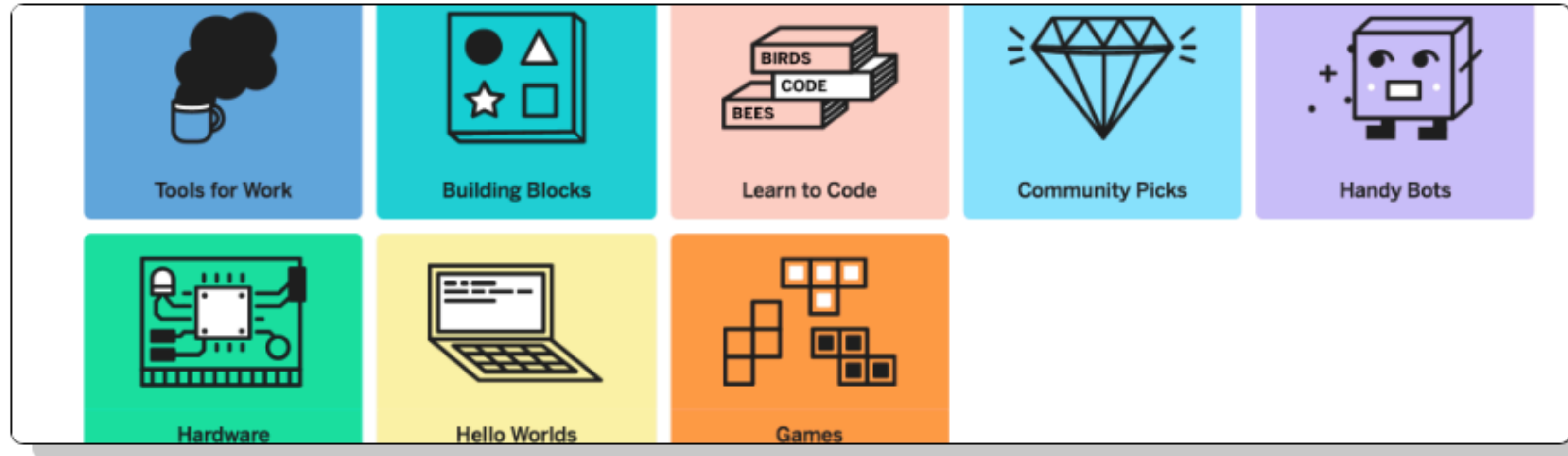
Real collaboration



```
54 - </li>
55 - <a class="page-scroll" href="#services">Thingies</a>
56 - </li>
57 - </li>
58 - <a class="page-scroll" href="#portfolio">Wotsits</a>
59 - </li>
60 - </li>
61 - <a class="page-scroll" href="#contact">Contact</a>
62 - </li>
63 - </ul>
64 - </div>
65 - <!-- /.navbar-collapse -->
66 - </div>
67 - <!-- /.container-fluid -->
68 - </nav>
69 -
70 - <header>
71 - <div class="header-content">
72 - <div class="header-content-inner">
73 - <h1 id="homeHeading">Amazing Thingies and Wotsits</h1>
74 - <hr>
75 - <p>We've scoured the world to source you only the best artisanal thingies and wotsits</p>
76 - <a href="#about" class="btn btn-primary btn-xl page-scroll">Find Out More</a>
```

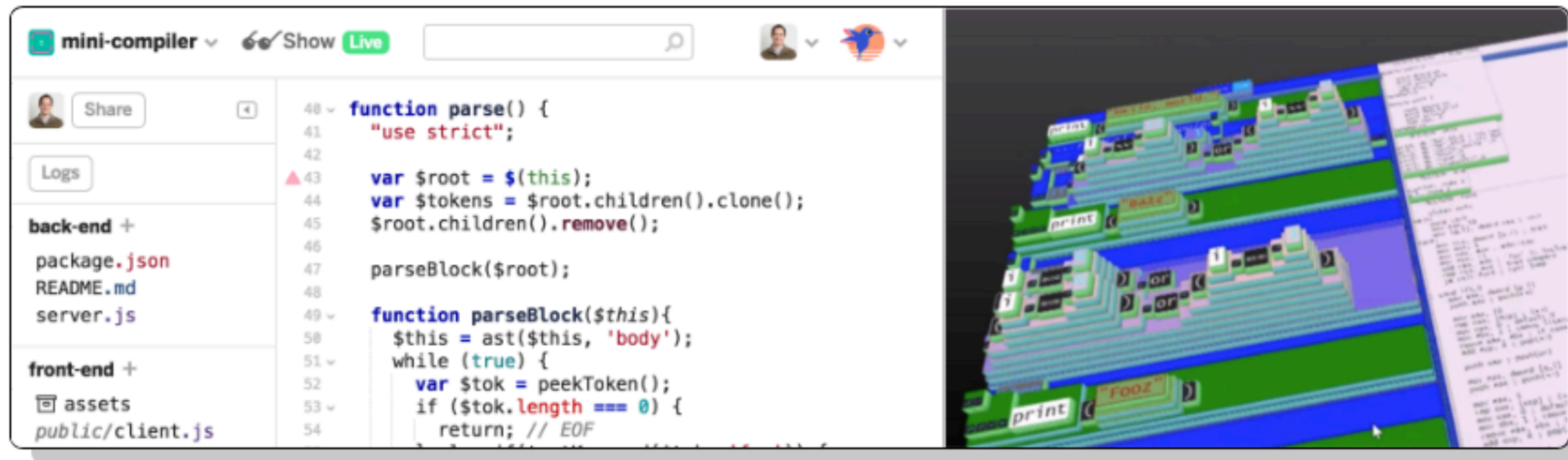
There's no need for complicated version control — the built-in editor lets you, and anybody else you invite, edit code all at once and undo mistakes as they happen. It's a lot like working together in Google Docs.

Glitch is for *everyone*



Too many coding tools put up big barriers to your creativity by requiring tons of setup, having lots of confusing and complicated features, or by letting jerks run rampant in the community. With Glitch, we're rolling out the red carpet to welcome creators just like you.

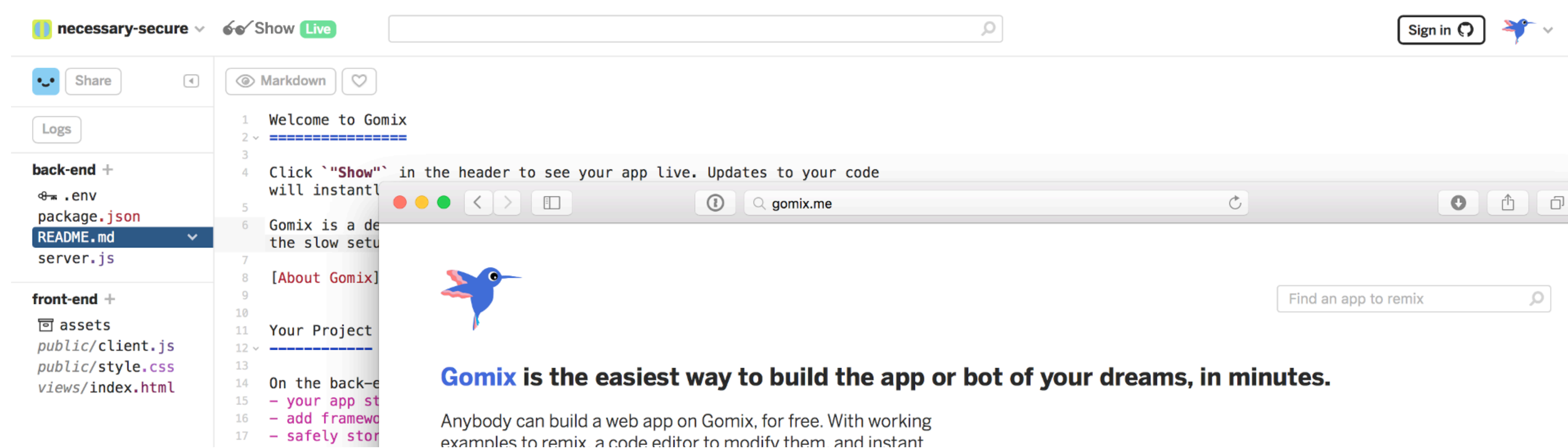
It's fun, but it's not a toy



Glitch isn't a "dumbed down" version of a real developer environment — your Glitch app runs on the exact same cloud infrastructure and Node.js engine that the best developers use to run their apps. We've just made it easier for you to get started.

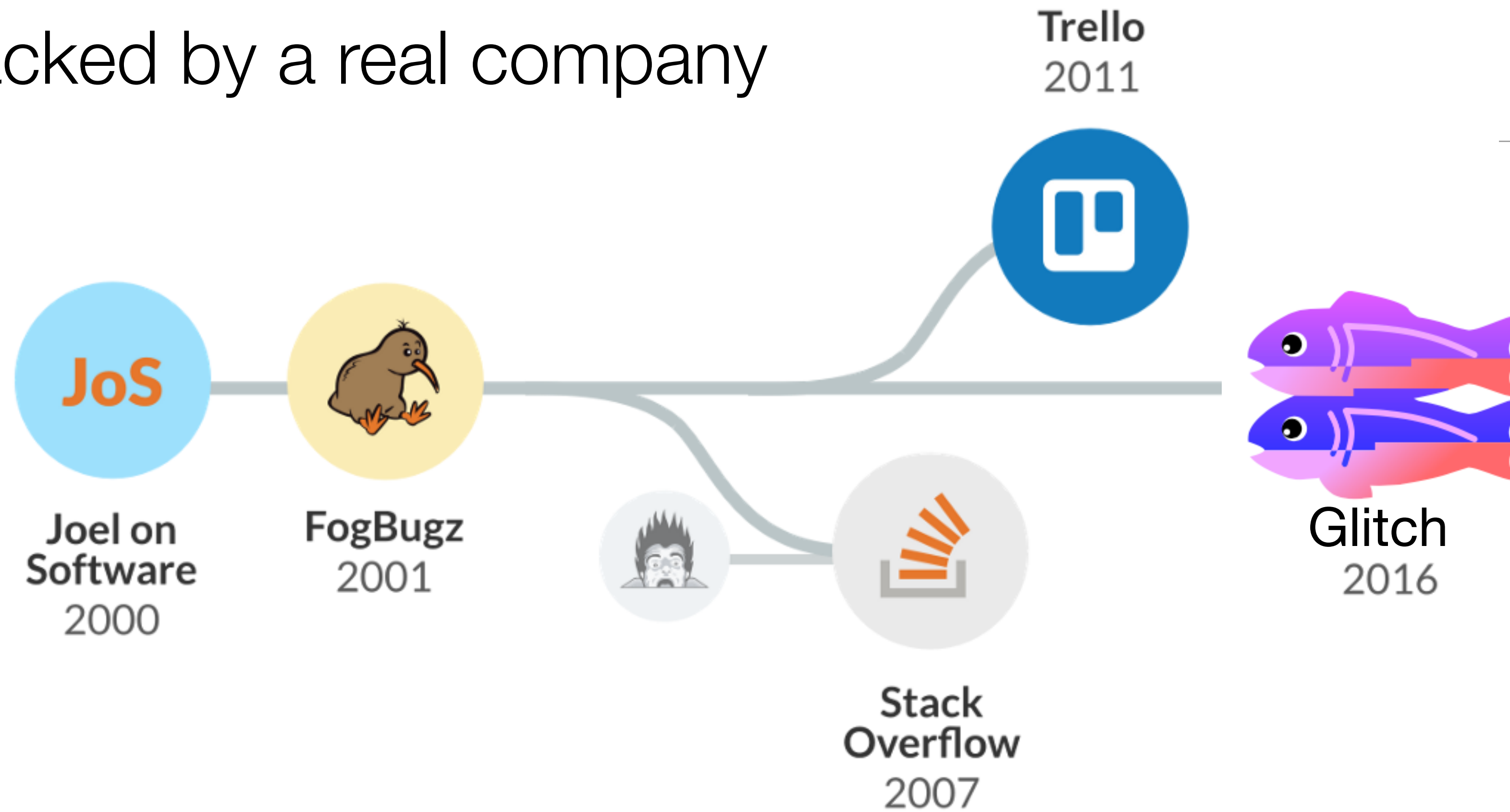
While you work with Glitch, we seamlessly upgrade your servers in the background. There's no deployment or server provisioning - it all happens automatically.

Glitch handles the mess



- While you work with Glitch, it will seamlessly upgrade your servers and cloud infrastructure in the background.
- There's no deployment or server provisioning because it all happens automatically.

Backed by a real company



- Glitch is made by Fog Creek, one of the most influential small tech companies in the world.
- They made Trello, FogBugz and co-created Stack Overflow.

Why did they make it



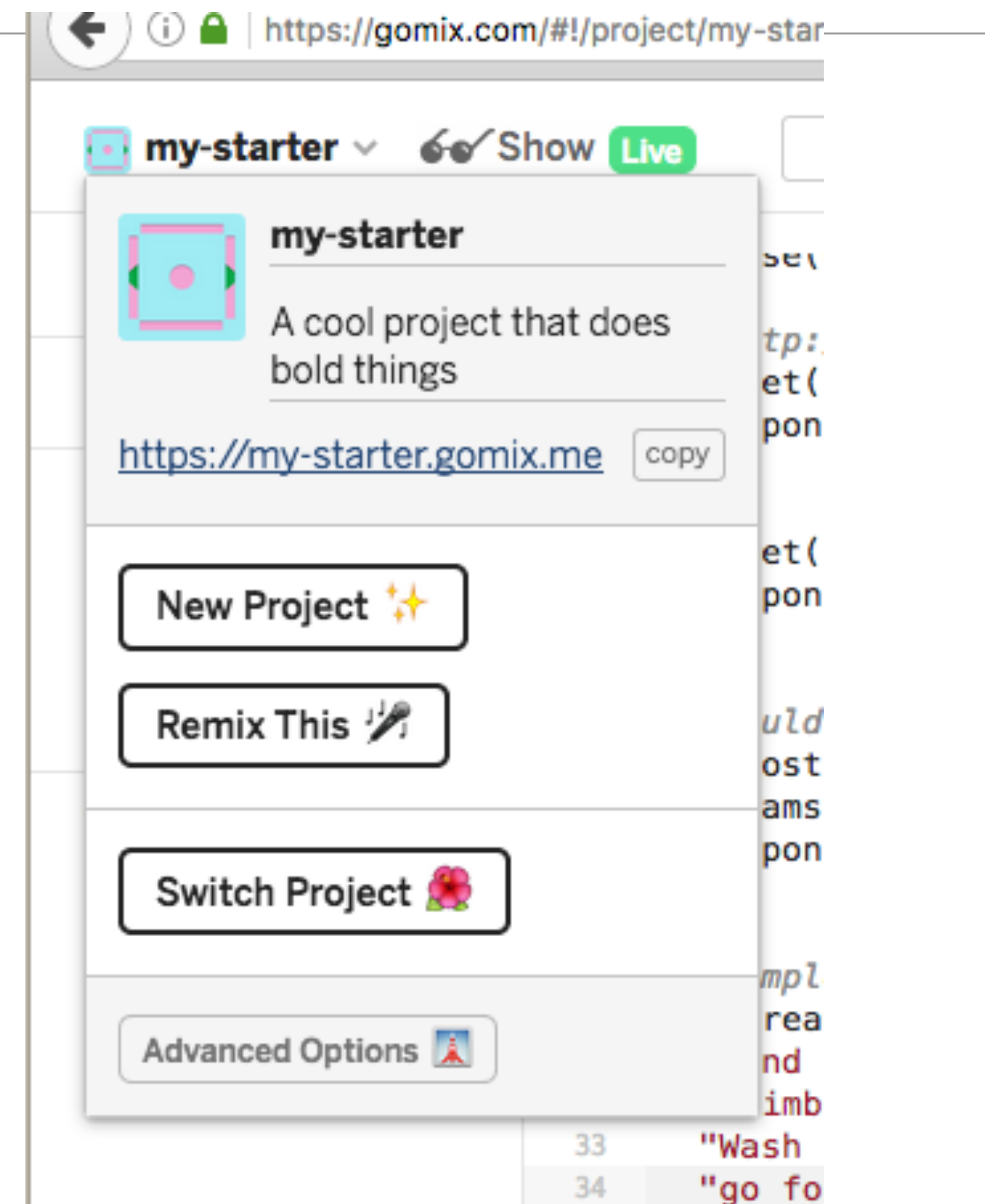
In some ways, Glitch is a throwback to an older era of software or the internet, when there were simpler ways to get started making cool stuff.

For people who were around at that time, they'll understand Glitch easily: It brings “View Source” back.

The ability to just look at the code behind something, and tweak it, and make your own thing, was essential to making the Internet fun, and weird, and diverse, in its early days.

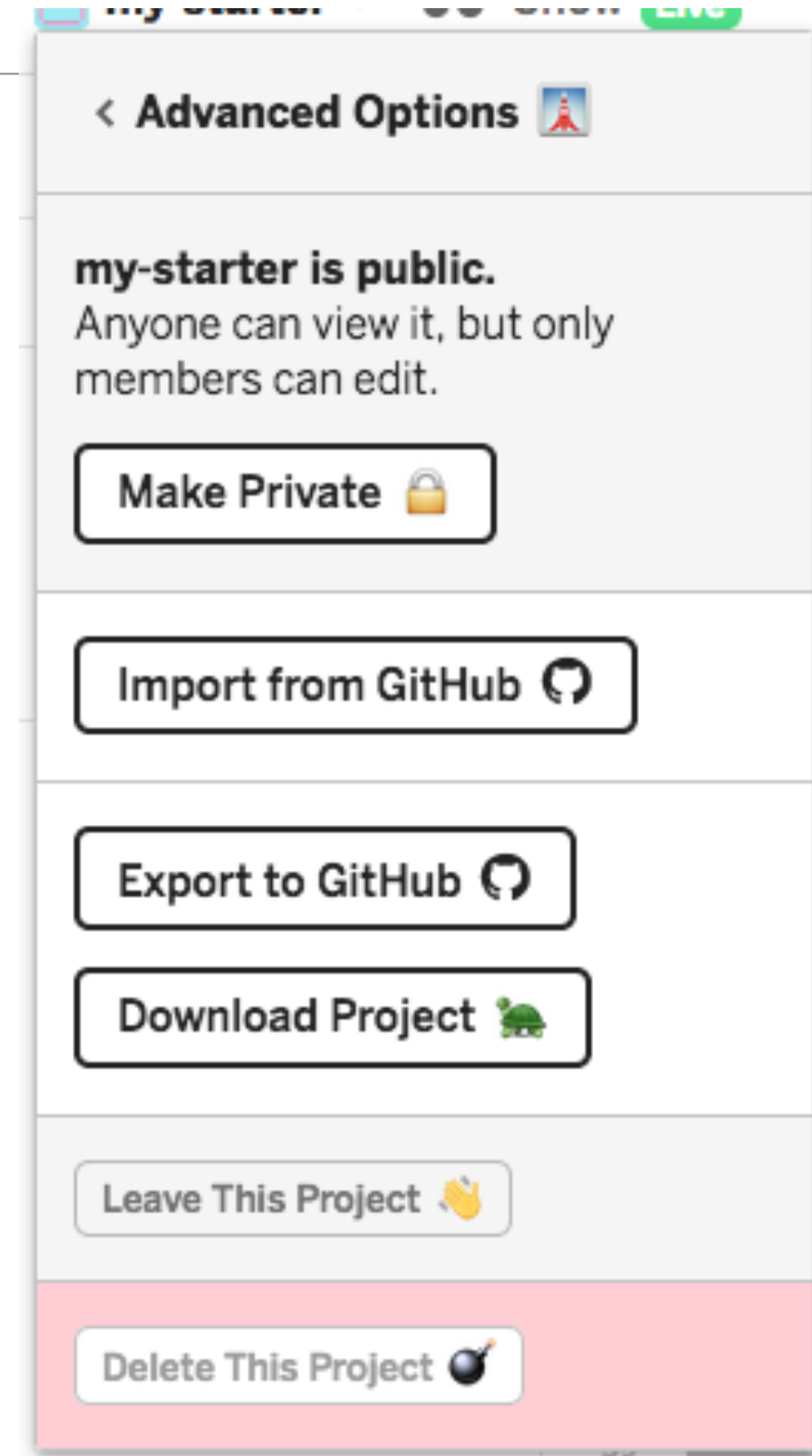
Creating New Projects

- ‘New Project’ creates a starter app with a single view + simple features
- ‘Remix this’ duplicates the current project- which can be evolved in a different direction
- ‘Switch Project’ sets the current project to be another your projects.



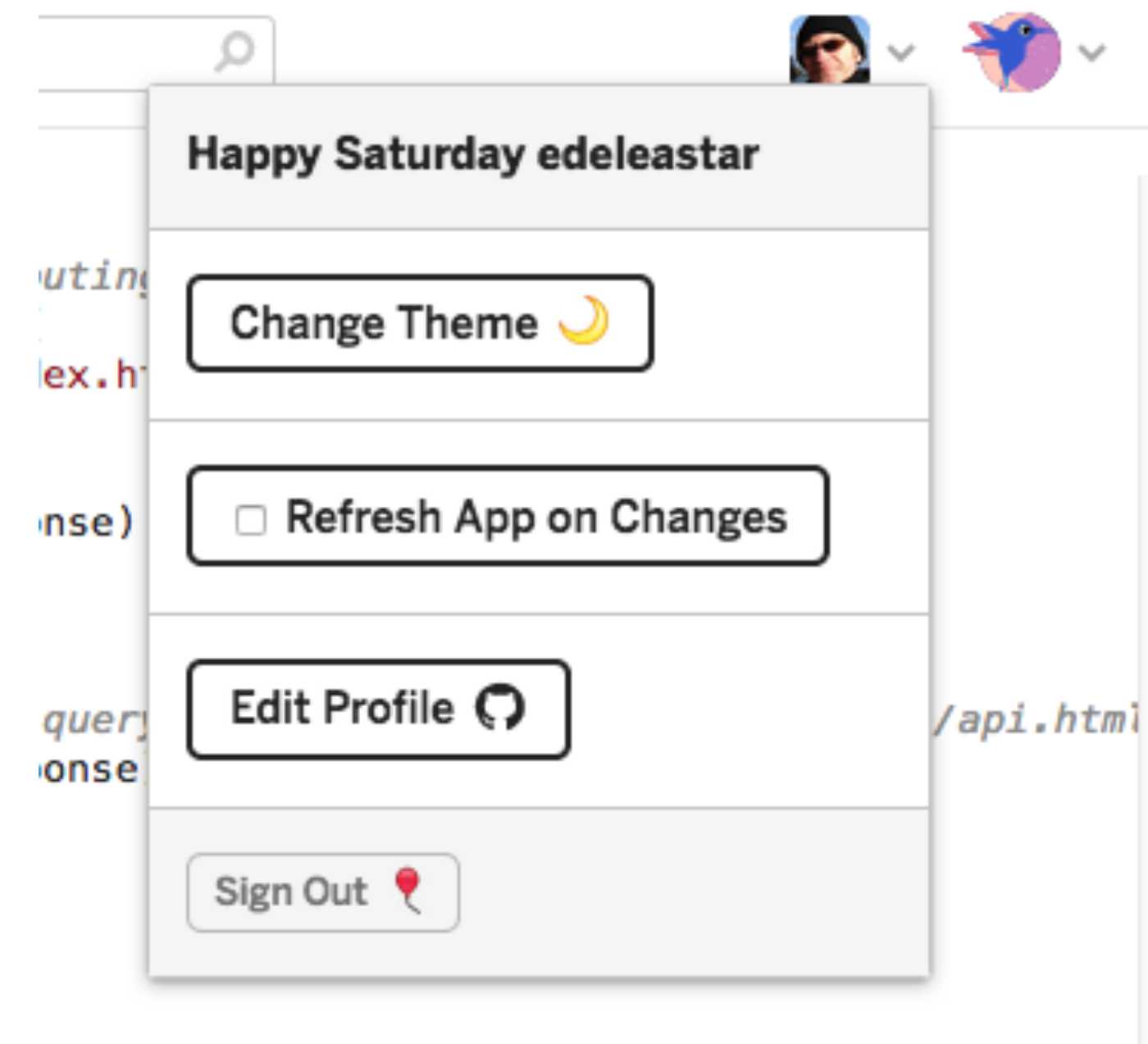
Advanced Options

- The full source of a project can be:
 - Exported to a GitHub repository
 - Download as an archive to your own workstation.
- Deleted
- Made Private (all projects public by default)



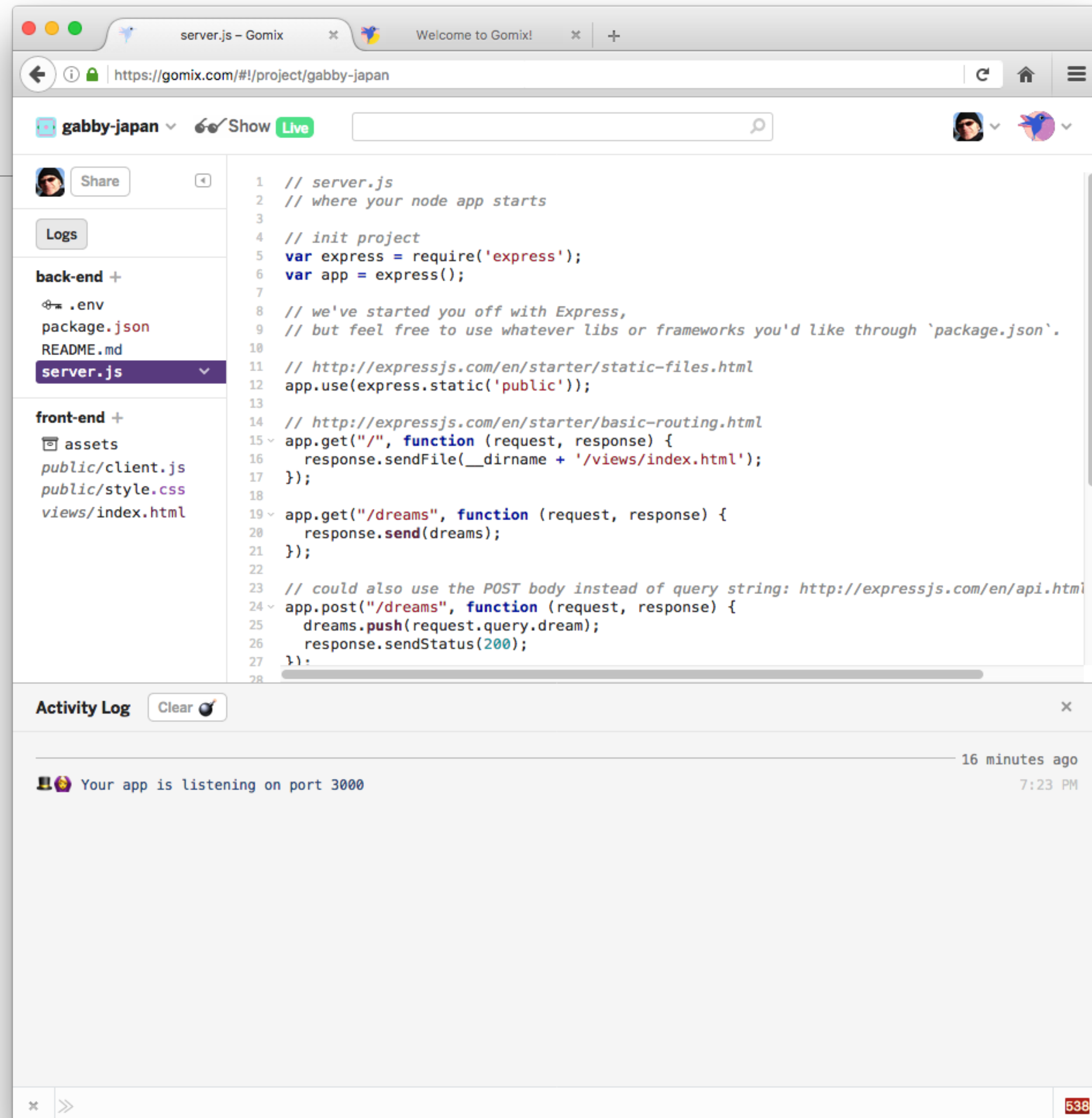
Profile

- Profile tied to your github account.
- Project updated 'live' as you edit, unless you change this option



Logs

- Logs allow you to monitor the app.
- App can write to this log - can be a useful source of diagnostic information



The screenshot shows a web browser window with two tabs: "server.js - Gomix" and "Welcome to Gomix!". The address bar displays "https://gomix.com/#!/project/gabby-japan". The main content area is a code editor for "server.js" with the following code:

```
1 // server.js
2 // where your node app starts
3
4 // init project
5 var express = require('express');
6 var app = express();
7
8 // we've started you off with Express,
9 // but feel free to use whatever libs or frameworks you'd like through `package.json`.
10
11 // http://expressjs.com/en/starter/static-files.html
12 app.use(express.static('public'));
13
14 // http://expressjs.com/en/starter/basic-routing.html
15 app.get("/", function (request, response) {
16   response.sendFile(__dirname + '/views/index.html');
17 });
18
19 app.get("/dreams", function (request, response) {
20   response.send(dreams);
21 });
22
23 // could also use the POST body instead of query string: http://expressjs.com/en/api.html
24 app.post("/dreams", function (request, response) {
25   dreams.push(request.query.dream);
26   response.sendStatus(200);
27 });
28
```

On the left side, there is a file explorer showing a project structure with "back-end" and "front-end" folders. The "server.js" file is selected in the "back-end" folder. Below the code editor is an "Activity Log" panel with a "Clear" button. The log shows a message: "Your app is listening on port 3000" with a timestamp of "16 minutes ago" and "7:23 PM".

Logs

- Syntax errors in back-end javascript reported here.

The screenshot shows a web editor interface for a project named 'gabby-japan'. The main editor displays the contents of 'server.js', which is a Node.js Express application. The code includes routes for the root path, '/dreams', and a POST endpoint for '/dreams'. A syntax error is highlighted on line 34, where the string 'go for cycle' is not properly enclosed in quotes.

```
12 app.use(express.static('public'));
13
14 // http://expressjs.com/en/starter/basic-routing.html
15 app.get("/", function (request, response) {
16   response.sendFile(__dirname + '/views/index.html');
17 });
18
19 app.get("/dreams", function (request, response) {
20   response.send(dreams);
21 });
22
23 // could also use the POST body instead of query string: http://expressjs.com/en/api.html
24 app.post("/dreams", function (request, response) {
25   dreams.push(request.query.dream);
26   response.sendStatus(200);
27 });
28
29 // Simple in-memory store for now
30 var dreams = [
31   "Find and count some sheep",
32   "Climb a really tall mountain",
33   "Wash the dishes",
34   "go for cycle
35 ];
36
37 // listen for requests :)
38 var listener = app.listen(process.env.PORT, function () {
39
```

The 'Activity Log' at the bottom shows the error details:

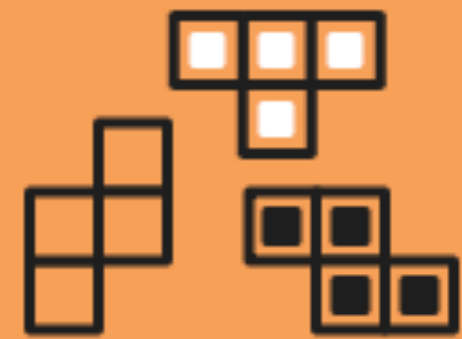
```
/app/server.js:34
"go for cycle
~~~~~
SyntaxError: Invalid or unexpected token
    at Object.exports.runInThisContext (vm.js:76:16)
    at Module._compile (module.js:542:28)
    at Object.Module._extensions..js (module.js:579:10)
    at Module.load (module.js:487:32)
    at tryModuleLoad (module.js:446:12)
    at Function.Module._load (module.js:438:3)
    at Module.runMain (module.js:604:10)
    at run (bootstrap_node.js:394:7)
    at startup (bootstrap_node.js:149:9)
    at bootstrap_node.js:509:3
```

The error occurred at 7:42 PM. The log entry is highlighted in grey. The bottom right corner of the editor shows a status bar with the number '540'.

Glitch Community Projects



Hello Worlds



Games



Building Blocks



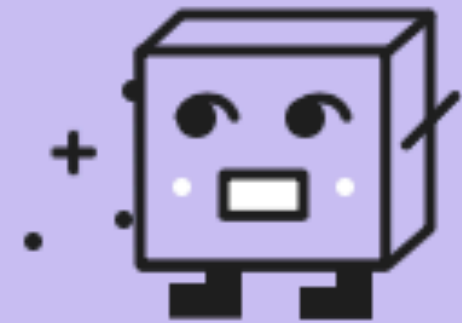
Learn to Code



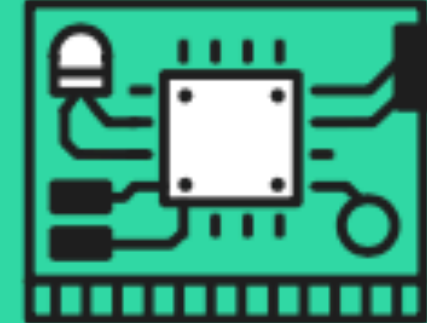
Tools for Work



Community Picks



Handy Bots



Hardware

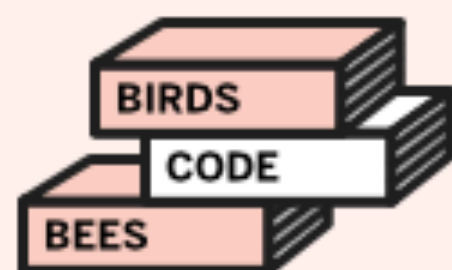


Art



Music

Learn to Code



Learn by doing, then breaking, then doing some more. You got this!



drum-machine

A simple drum machine that runs in the browser



javascripting

Learn the basics of JavaScript. NodeSchool Workshopper: Exercise 1



circles-bouncing-off-lines

Demo of trig that calculates movement of circles as they bounce off lines



beginner-javascript

Beginner JavaScript Sushi



node-beginner

The Node Beginner Book: Hello World



html-starter

Simple, modular HTML5 template to kick off your responsive websites



creative-theme

Creative Bootstrap website template



freelancer-theme

Freelancer Bootstrap website template



nodeschool-learnyounode

An intro to Node.js via a set of self-guided workshops

Hello Worlds

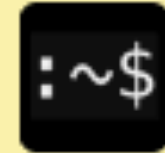


Experiment with technologies and libraries by remixing these sample projects.



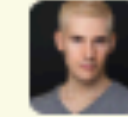
nuxt-starter

Nuxt.js starter project.



node-console

Run console applications on Glitch



hyperapp

1 KB JavaScript library for building web applications.



vue-ssr

Vue.js server-side rendering demo



aframe

Base for creating virtual reality experiences on the Web using A-Frame.
#aframevr #webvr



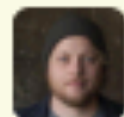
backbone-todomvc

TodoMVC example using Backbone.js



passport-js

User authentication with passport.js



react-babel

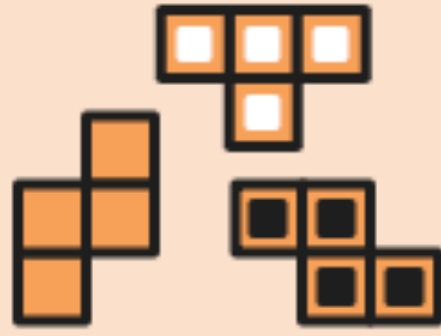
A boilerplate for getting a web application off the ground using React, webpack, and Babel for JSX.



server-side-d3js

Server-side SVGs with D3.js

Games



Make your own cool games. Get that idea out of your head and into the world.



space-invaders

Demo of a game loop, collision detection, input, drawing and playing sounds



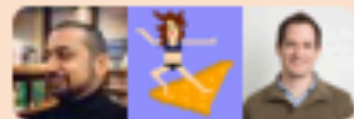
memory-game

Card-matching memory game



browser-quest

A magical project that does sober things



mini-breakout

A breakout clone using Phaser



tetrjs

A Tetris clone in JavaScript



multiplayer-game

Real-time multiplayer game using Node.js, Socket.io and HTML5



drawing-game

Multi-player drawing game using Socket.io



nondescript-dog

A sober project that does zealous things



the-noun-game

A dope project that does genteel things

Tools for Work



Every business is a snowflake. Build and customize your own tools and integrations.



stripe-checkout

Stripe Checkout sample app



data-dashboard

Google Sheets data dashboard



azure-storage

Microsoft Azure Storage database example



slack-classic-unfurling

This app generates some metadata for Slack's Classic Link Unfurl API



parse-todo

Parse to-do app



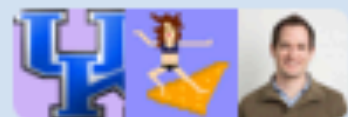
pass-azure

An example app implementing Azure OAuth with Passport.js



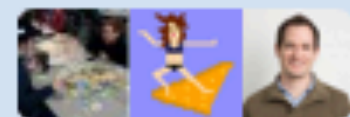
wistia-webhooks-example

A Wistia project that does support things



parse-dashboard

Parse dashboard



excel-spreadsheet

Display data from an Excel spreadsheet

Building Blocks



Databases, emailing and more. The bread and butter basics of modern web dev.



socketio-chat

A simple chat demo using socket.io



rest-api

API endpoint example app with Express



nodemailer

Nodemailer example app



hackathon-starter

A boilerplate for Node.js web applications



auth0

Auth0 NodeJS Seed



square-connect

A node server implementation of the Square Connect API sample app



github-oauth

An example app implementing Github OAuth with Passport.js



firebase-quickstart

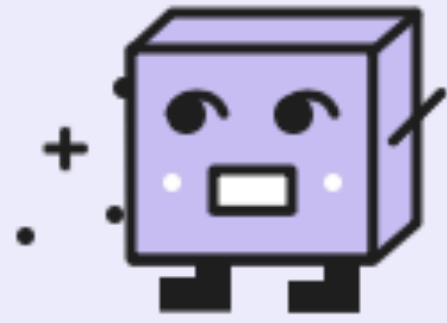
Firebase database quickstart blog app



material-design

Prototype using Google's Material Design.

Handy Bots



Build helpful tools, meme generators, or Westworld. Your bots have your back.



botkit-facebook

A starting point for building Facebook bots with Botkit



botkit-ciscopark

Starter kit for creating a Botkit-powered Cisco Spark bot



slack-bot-persist

Slack Onboarding Bot



bot-builder-skype

An example Skype bot using Microsoft's Bot Builder SDK



botkit-slack

Starter kit for creating a Botkit-powered Slack app



google-home

An example Google Home agent app using API.ai



slack-slash-command

Slack slash command response handler



twitterbot

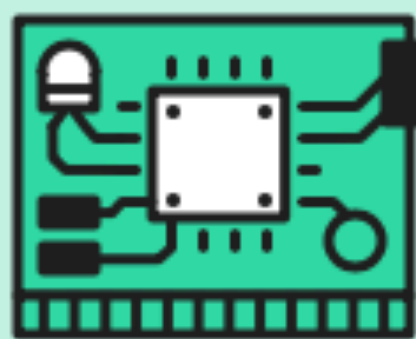
A simple template for making Twitter bots with Glitch and node.js.



alexa-skill

A full, working Alexa Skill that gets weather forecast info from forecast.io

Hardware



Connect your gadgets and gizmos to the world – or your kitchen.



add-to-alexa

Alexa Flash Briefing API Skill sample



temboo

An example Temboo app using the Google geocoding choreo



google-home

An example Google Home agent app using API.ai



twilio-sms

Send SMS messages with Twilio



particle-api

Control an LED from a simple web page using the Particle API



alexa-skill

A full, working Alexa Skill that gets weather forecast info from forecast.io



conditional-ifttt-triggers

Trigger IFTTT when multiple conditions are met



multi-ifttt-triggers

Trigger multiple actions in IFTTT



littlebits-api

Control your CloudBit device from a simple web page using the littleBits API

Art



Weird, fun masterpieces from talented artists, and the tools to create your own.



pixelatize

Pixelate uploaded images



piano-drops

Drops that fall on a piano



ascii-art

Library for ansi codes, figlet fonts, ascii art and other ASCII graphics



paper.js

The Swiss Army Knife of Vector Graphics Scripting



send-this-to-your-lover

A very romantic website (but it's not for you, it's for your lover)



processing.js

A hypnotic processing.js sketch



three.js

A demo of three.js, an easy to use, lightweight, 3D library



frogfeels

Draw awkward feelings



color-wander

Generative artwork based on a seeded random

Music



The sounds of music created, connected, visualized and remixed.



spotify-oauth

Easy authentication for Spotify



spotify-audio-features

Quickly search Spotify and visualise the audio features of any track



hypem-daily

Alexa Flash briefing daily top song from Hype Machine



scribbltune

Create music with JavaScript & Node.js



billboard-stats

Get stats from the billboard music charts



genius-lyrics

Search for song lyrics on Genius



itunes-search

Get data from the iTunes Search API



drum-machine

A simple drum machine that runs in the browser



xylophone

a xylophone drawn with css with js events to play some cool notes :)

Community Picks



Community submissions that do the flyest things ✨



coffee-talks

Heartfelt dev talks for humans



trello-shopping-list

A trello-powered recipe builder



pixelatize

Pixelate uploaded images



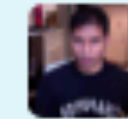
font-awesome-export

Font Awesome export tool



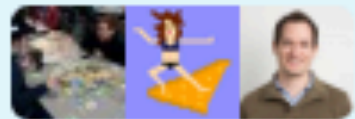
tech-forward-2

Tech Forward



frogfeels

Draw awkward feelings



asl-spell

Learn ASL with this fun spelling game



glitch-bat-signal

Get alerted when somebody asks for help in Glitch



glitch-notifier

Get notify on Slack when a question is asked on Glitch