

glitch.com

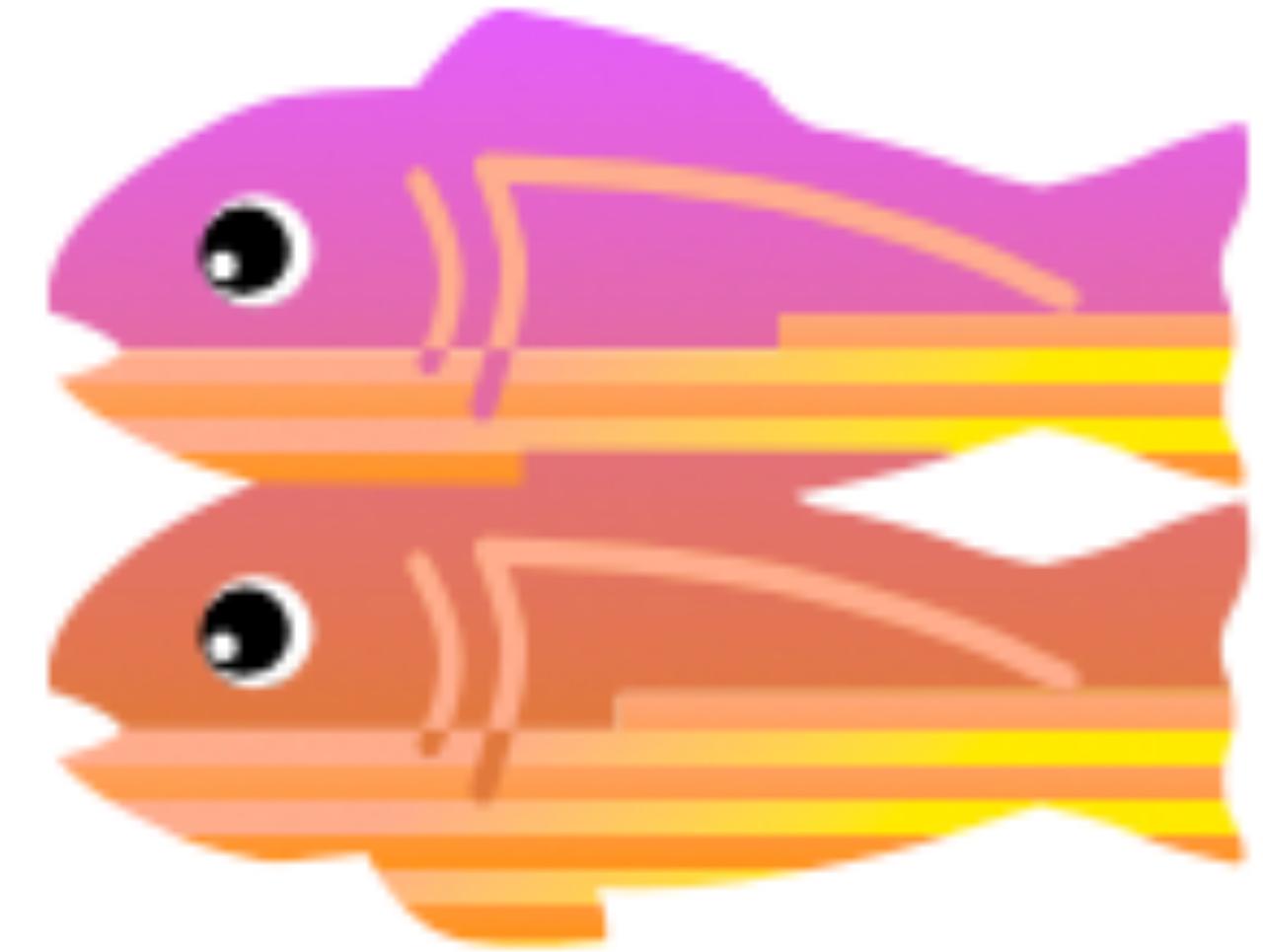
Introducing

Glitch



PLAY VIDEO

What is it, what role it plays,
why was it built.



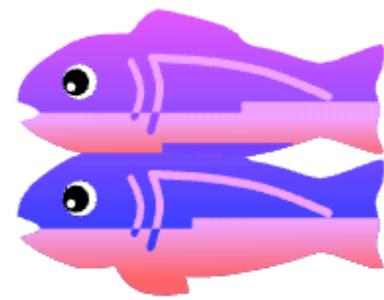
What is Glitch?

“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 went 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.”



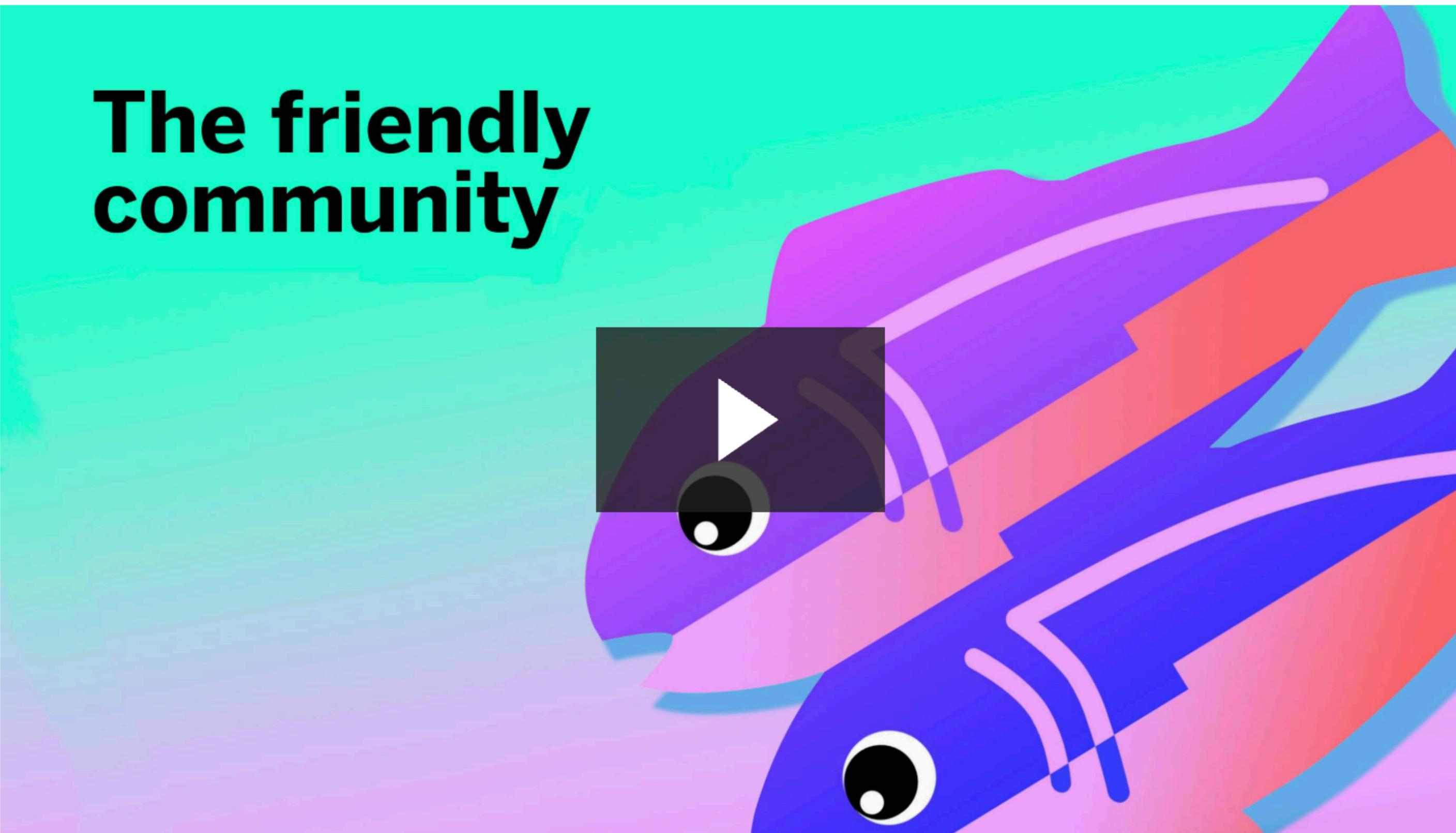
Anil Dash, December 6, 2016



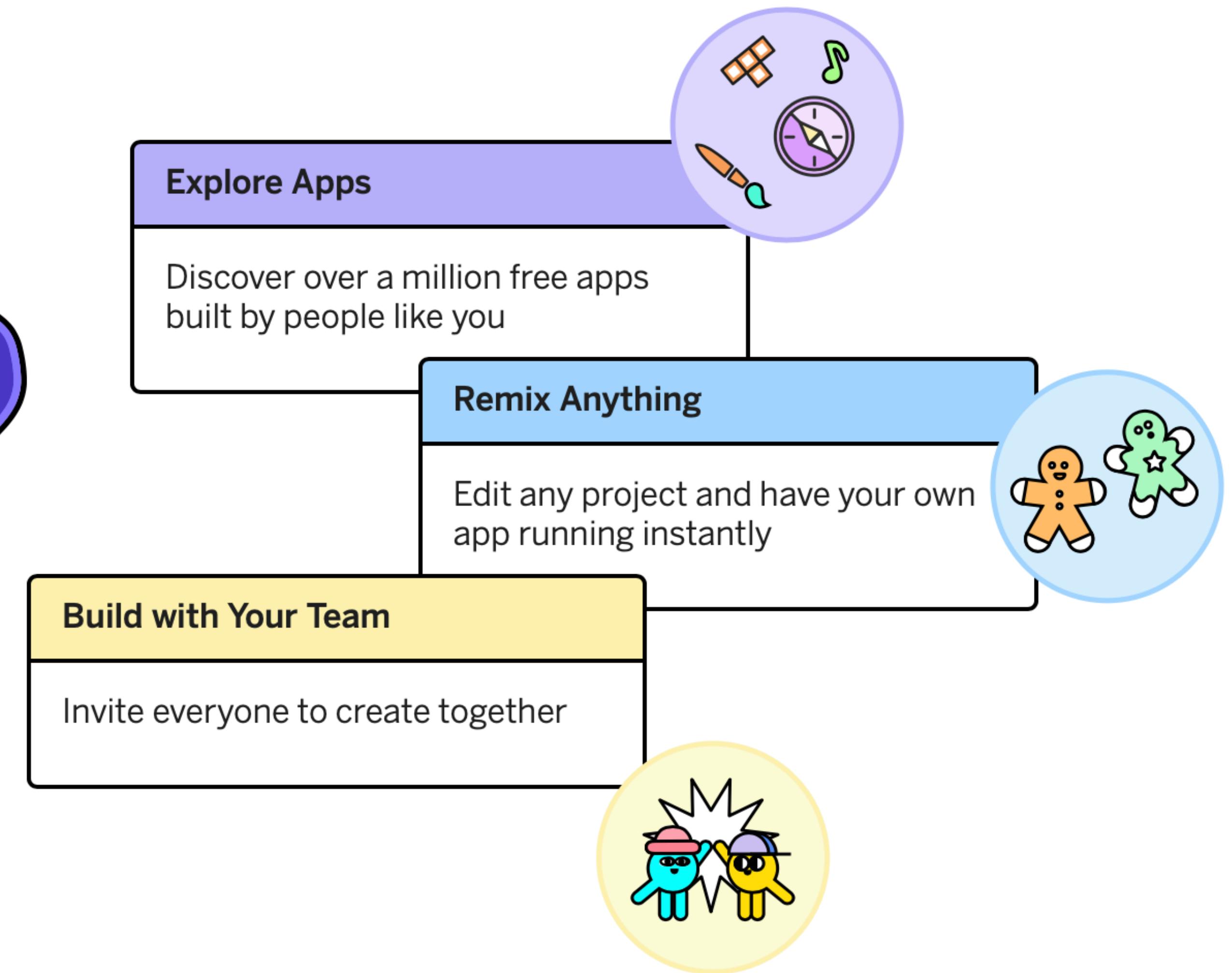
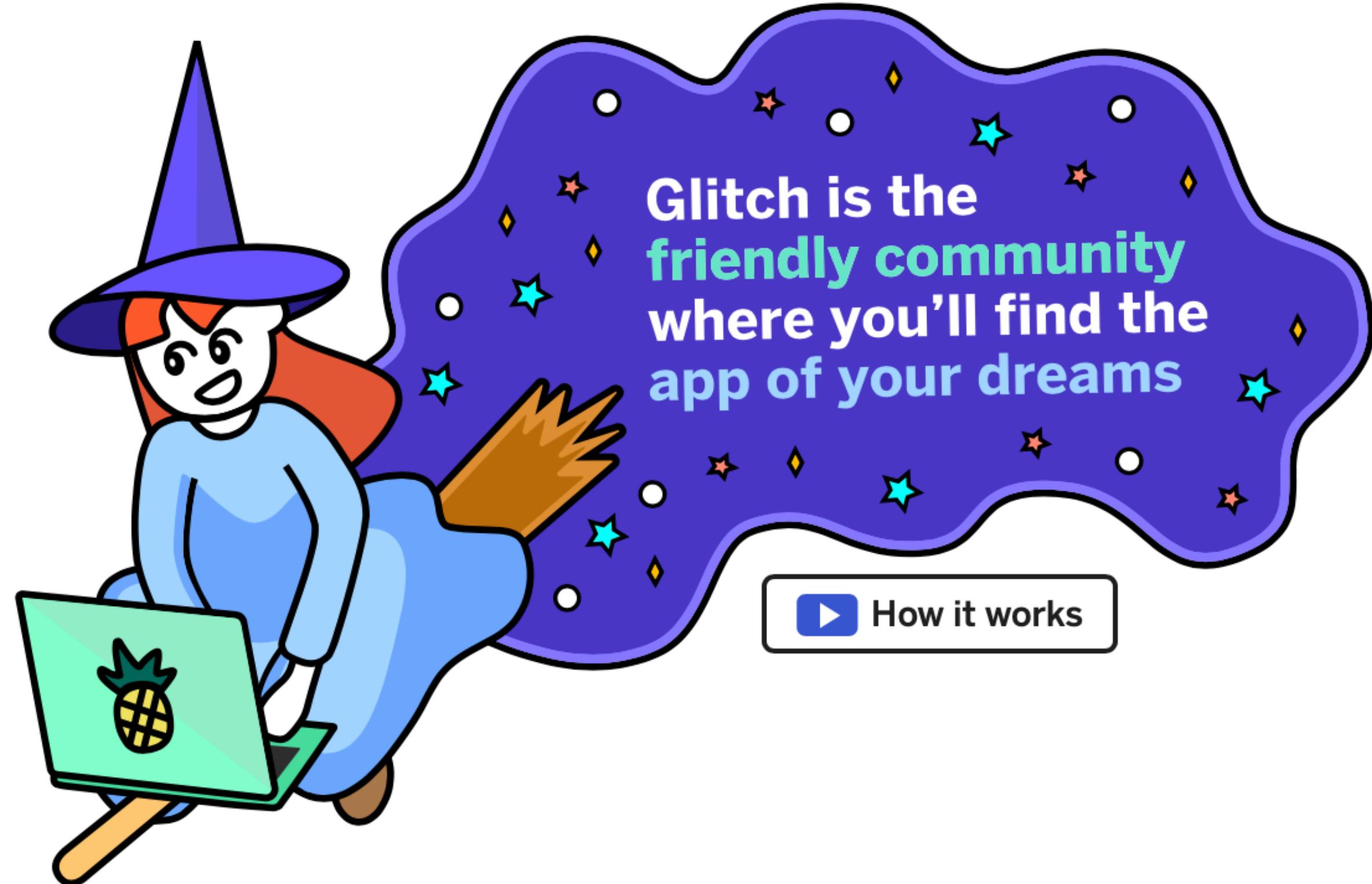
<https://glitch.com/about/>

About Glitch

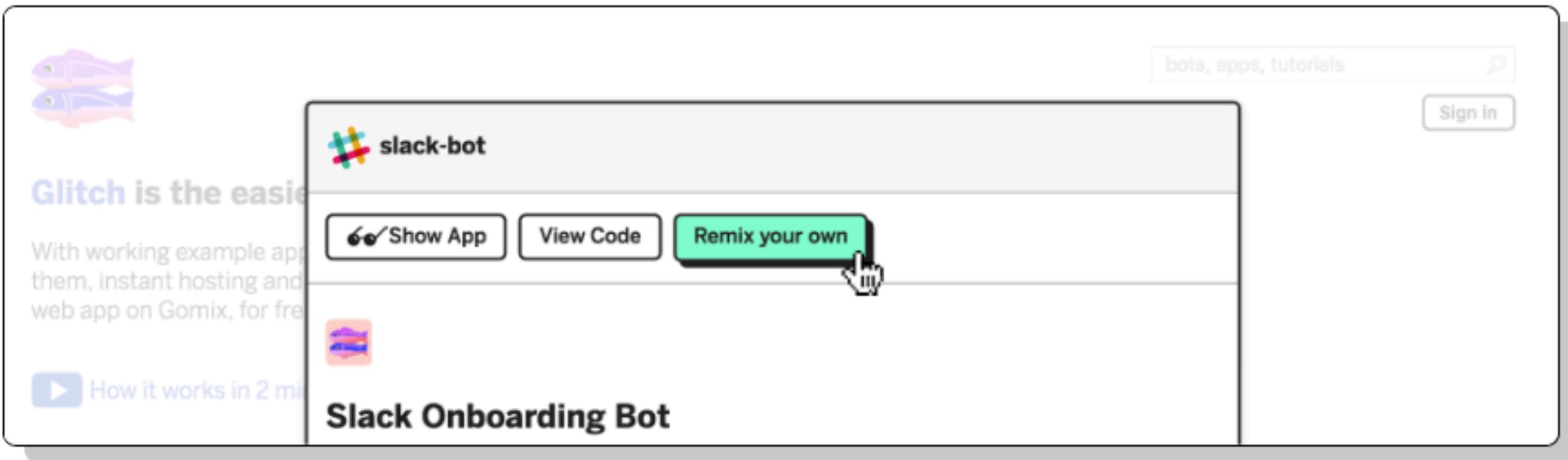
[About](#) | [How it works](#) | [Company](#) | [Careers](#) | [Press](#)



Glitch is the friendly community where everyone can discover and create the best stuff on the web.



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



The screenshot shows a code editor interface with a sidebar on the left containing project files:

- front-end +
- assets
- public/client.js
- public/font-awesome.css
- public/magnific-popup.css
- public/magnific-popup.js
- public/style.css
- public-wow.min.js
- views/index.html

The main area displays the content of 'views/index.html':

```
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>
77
```

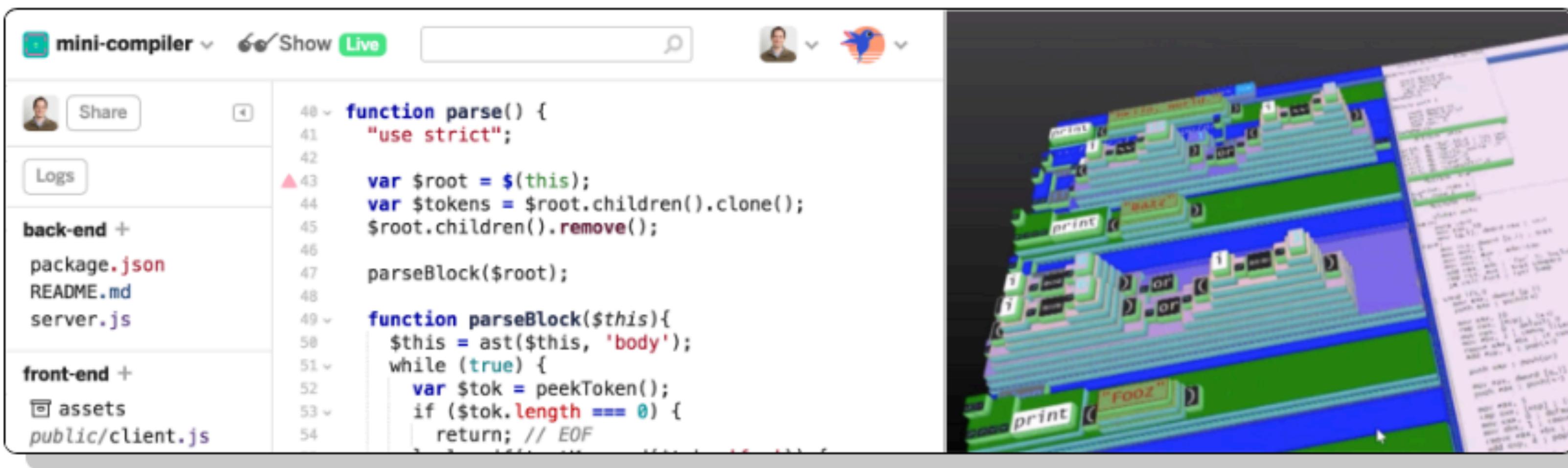
There's no need for complicated version control — the built-in editor lets you, and anybody else you invite, edit code all at once and undo mistakes as they happen. It's a lot like working together in Google Docs.

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.

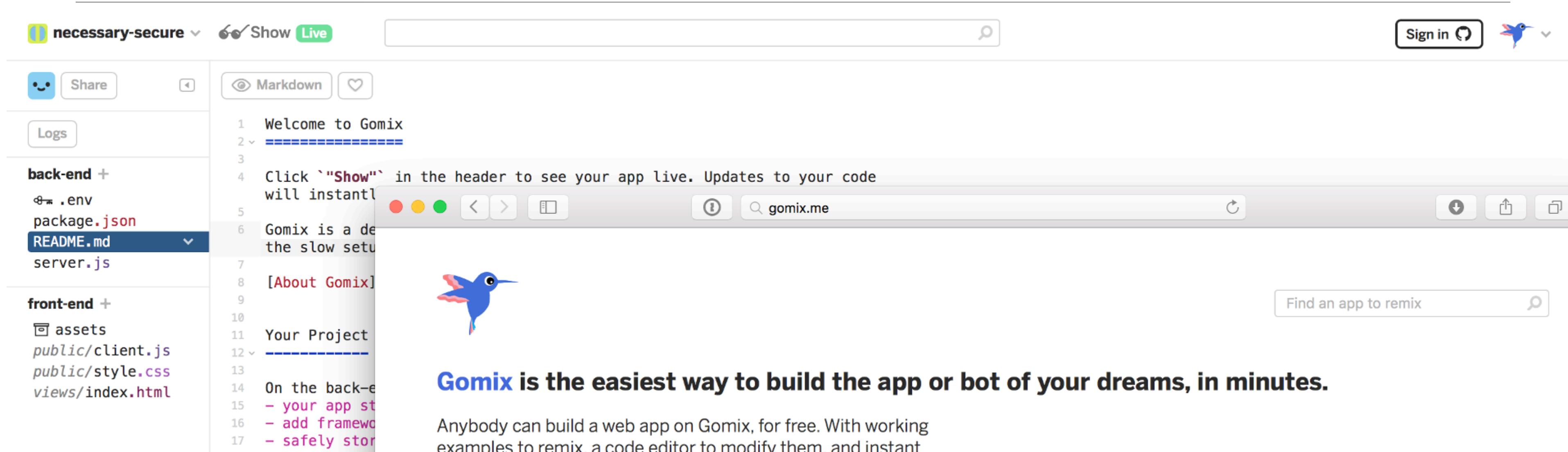
It's fun, but it's not a toy



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.

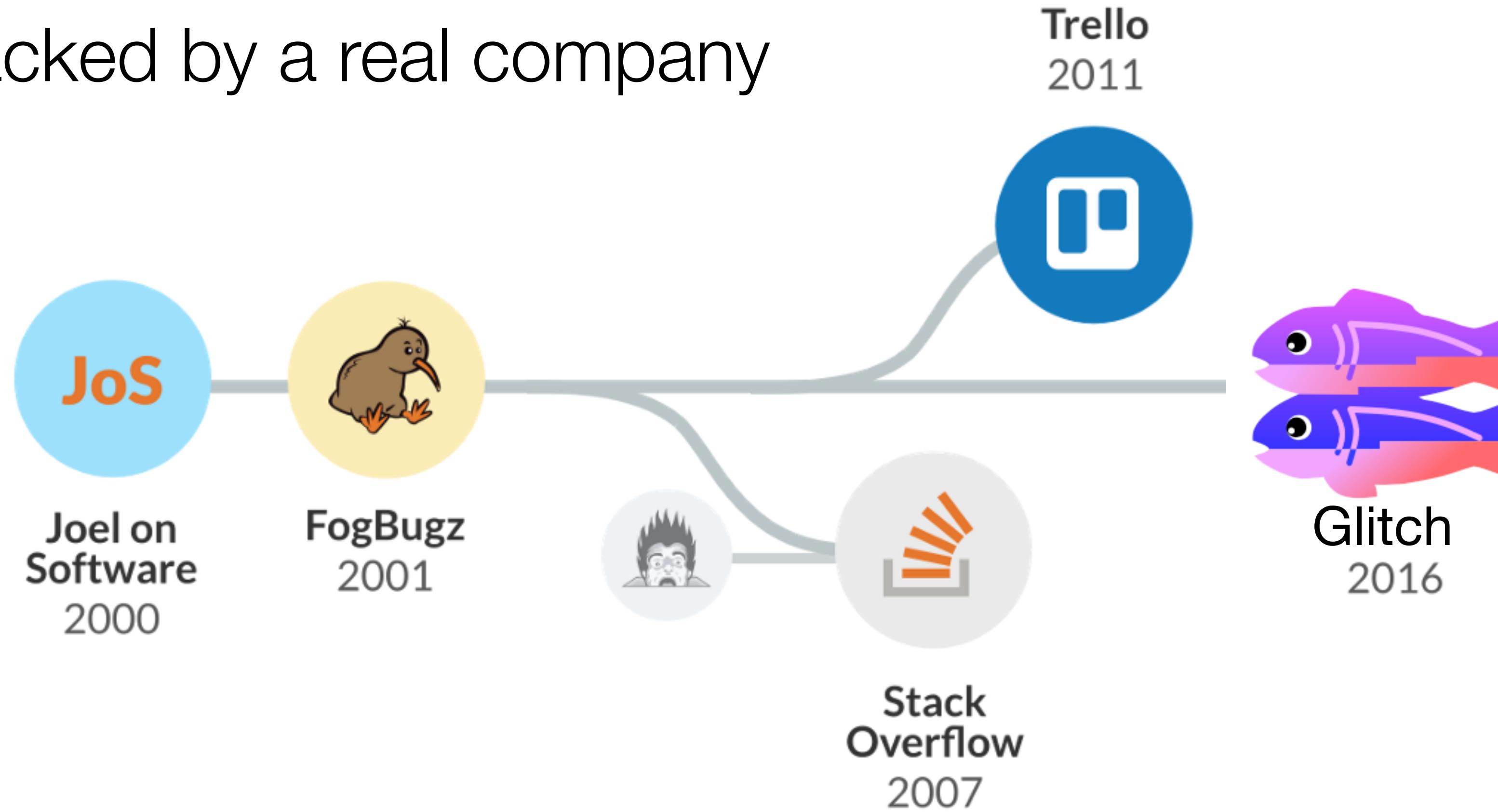
While you work with Glitch, we seamlessly upgrade your servers in the background. There's no deployment or server provisioning - it all happens automatically.

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



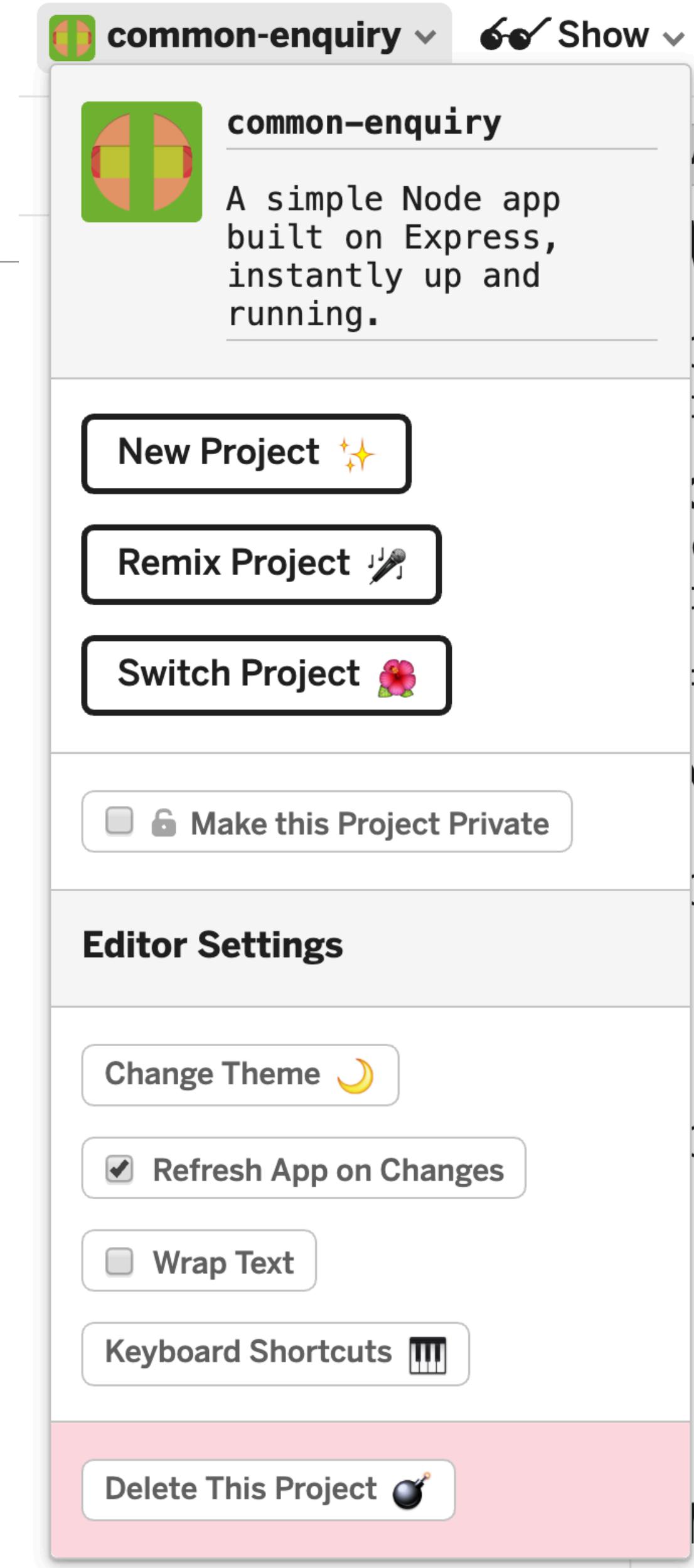
In some ways, Glitch is a throwback to an older era of software or the internet, when there were simpler ways to get started making cool stuff.

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)

< **Git, Import, Export** 

Every Glitch project is also a Git repo

Read **Write**

<https://api.glitch.com/gi> 

[Revoke repo access](#)

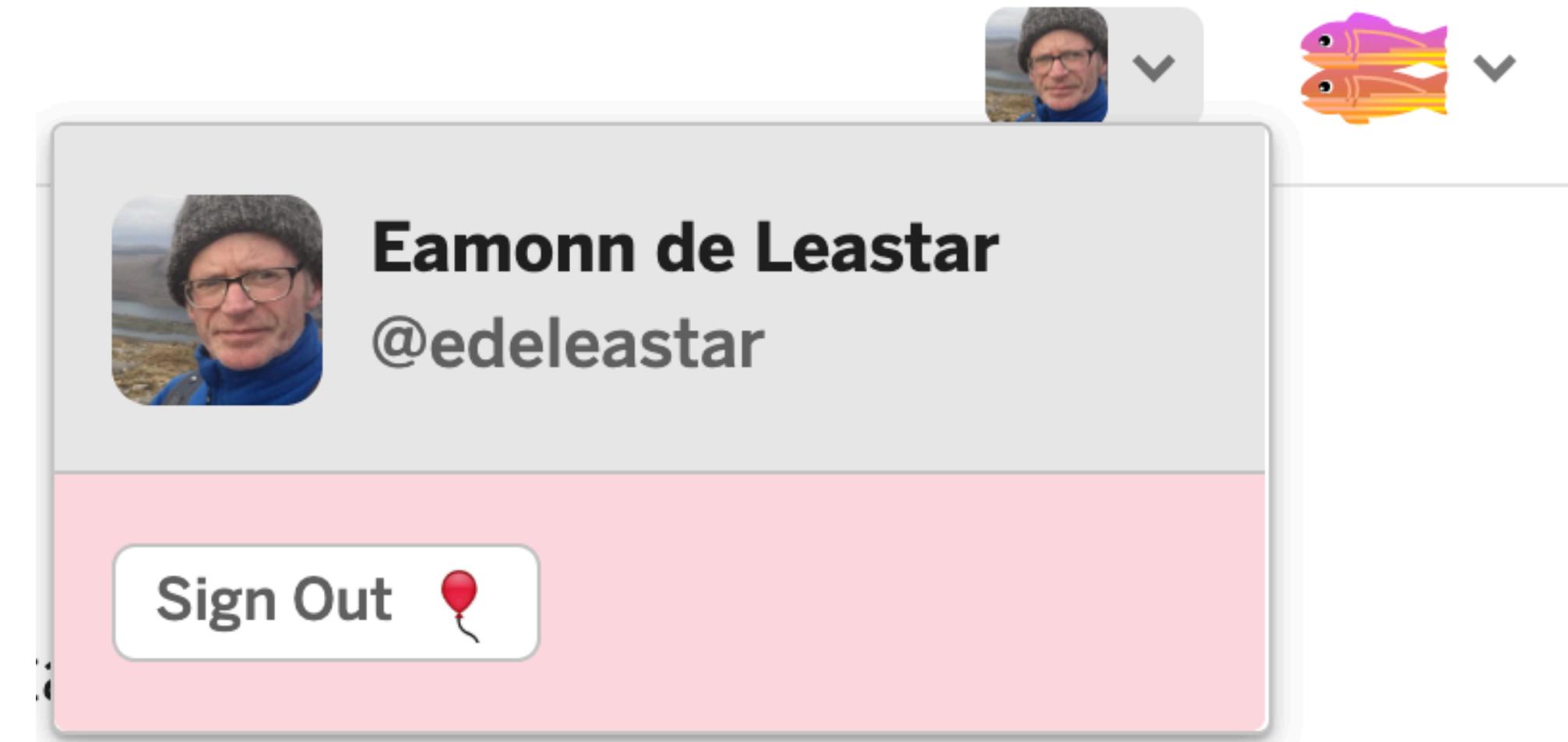
Import from GitHub 

Export to GitHub 

Download Project 

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 browser-based development environment for a Node.js project named "common-enquiry".

File Explorer: Shows files including assets, public/client.js, public/style.css, views/index.html, .env, README.md, package.json, and server.js (selected).

Code Editor: Displays the contents of server.js:// server.js
// where your node app starts

// init project
const express = require('express');
const app = express();

// we've started you off with Express,
// but feel free to use whatever libs or frameworks you'd like through `package.json`.
// http://expressjs.com/en/starter/static-files.html
app.use(express.static('public'));

// http://expressjs.com/en/starter/basic-routing.html
app.get('/', function(request, response) {
 response.sendFile(__dirname + '/views/index.html');
});

// listen for requests :)
const listener = app.listen(process.env.PORT, function() {
 console.log('Your app is listening on port ' + listener.address().port);
});

Logs: Shows the message "Your app is listening on port 3000" at 4:29 PM.

Logs

- Syntax errors in back-end javascript reported here.

The screenshot shows a code editor interface with a sidebar containing project files: assets, public/client.js, public/style.css, views/index.html, .env, README.md, package.json, and server.js. The server.js file is currently selected. The code in server.js is:

```
1 // server.js
2 // where your node app starts
3
4 // init project
5 const express = require('express');
6 const 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 // listen for requests :
20 const listener = app.listen(process.env.PORT, function() {
21   console.log('Your app is listening on port ' + listener.address().port);
22 });
23
```

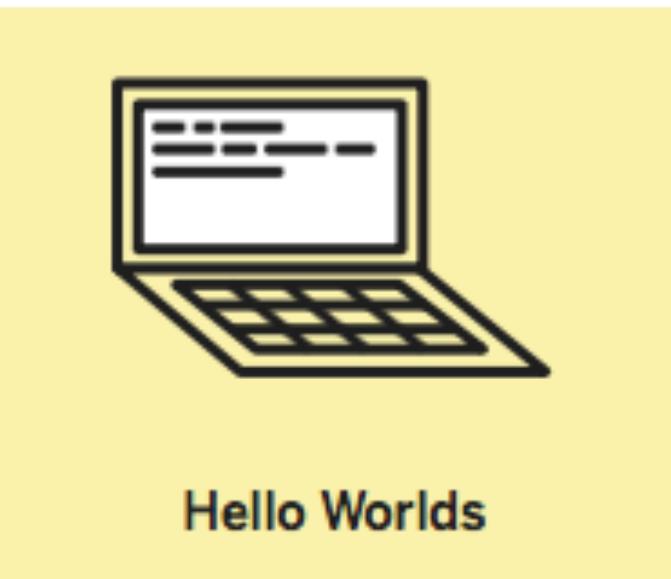
A red circle highlights the error at line 16: `response.sendFile(__dirname + '/views/index.html');`. Below the code editor is a toolbar with buttons for Tools (selected), Error (highlighted in red), Logs, Clear, Debugger, and Console.

The Logs panel displays the following error message:

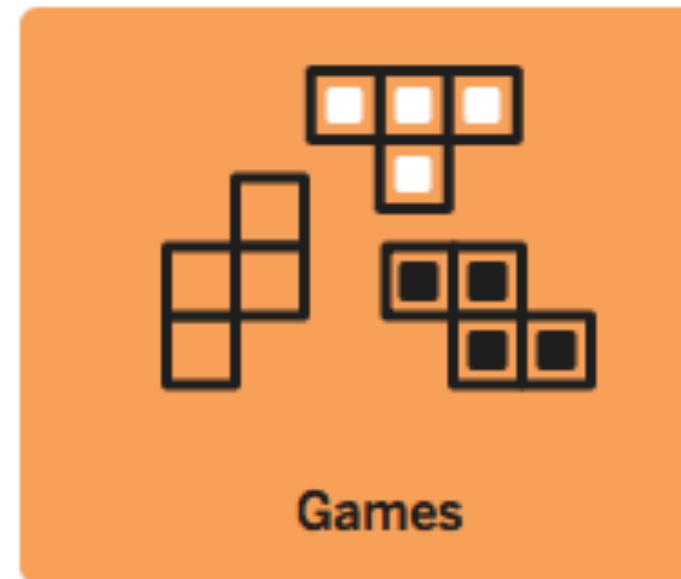
```
SyntaxError: Unexpected identifier
    at createScript (vm.js:80:10)
    at Object.runInThisContext (vm.js:139:10)
    at Module._compile (module.js:617:28)
    at Object.Module._extensions..js (module.js:664:10)
    at Module.load (module.js:566:32)
    at tryModuleLoad (module.js:506:12)
    at Function.Module._load (module.js:498:3)
    at Function.Module.runMain (module.js:694:10)
    at startup (bootstrap_node.js:204:16)
    at bootstrap_node.js:625:3
```

Each line of the stack trace is timestamped with "4:35 PM".

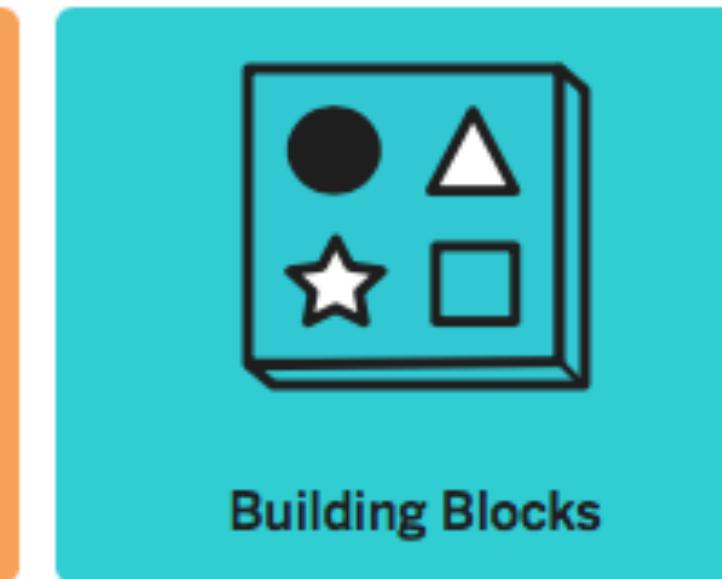
Glitch Community Projects



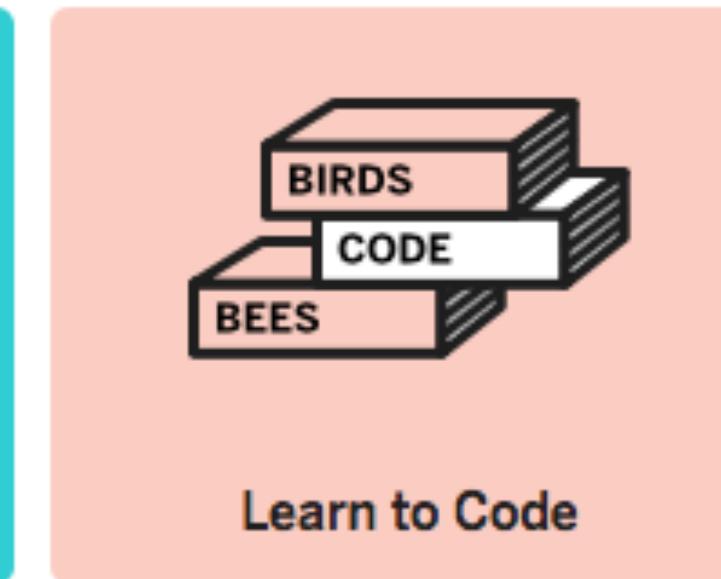
Hello Worlds



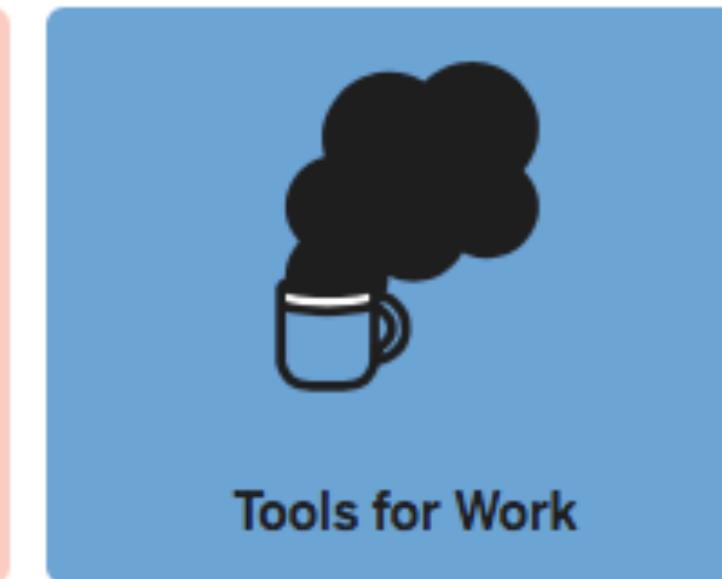
Games



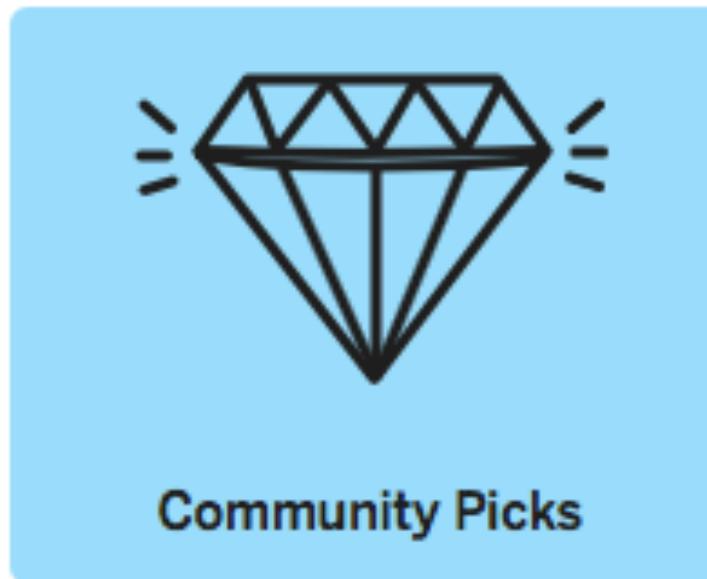
Building Blocks



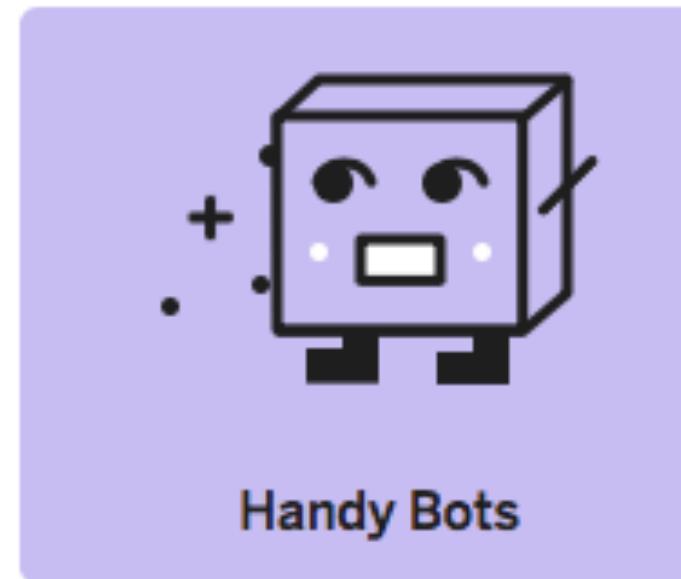
Learn to Code



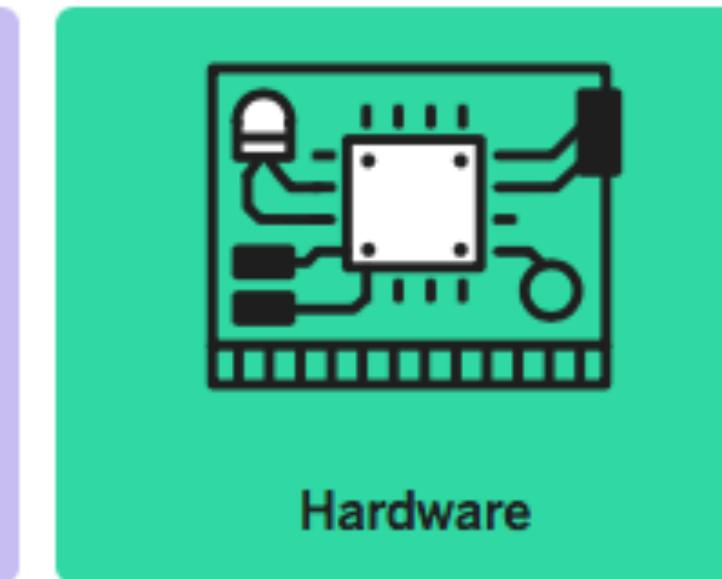
Tools for Work



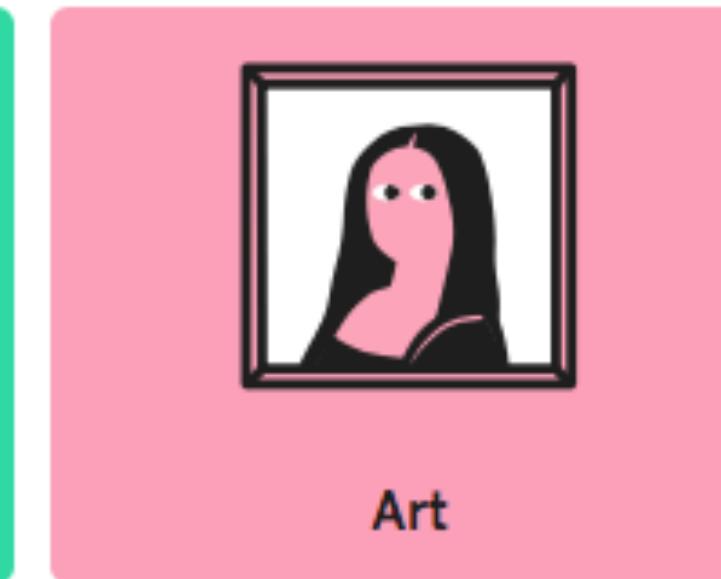
Community Picks



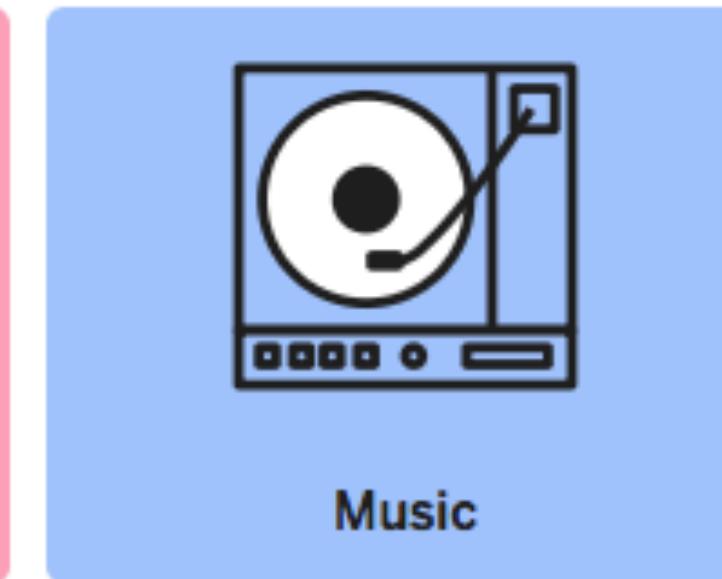
Handy Bots



Hardware

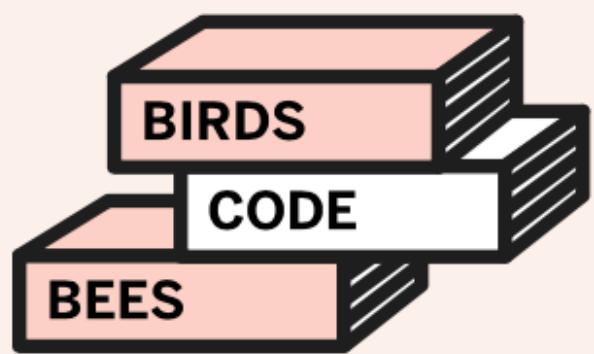


Art



Music

Learn to Code



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

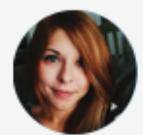
Projects (18)



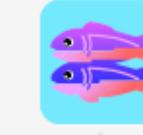
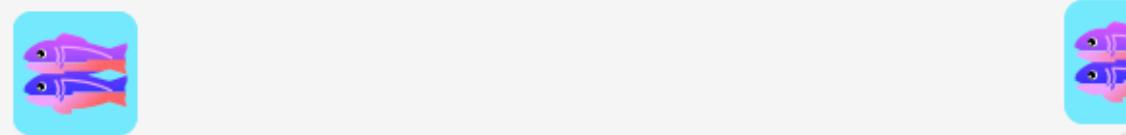
drum-machine



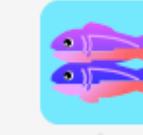
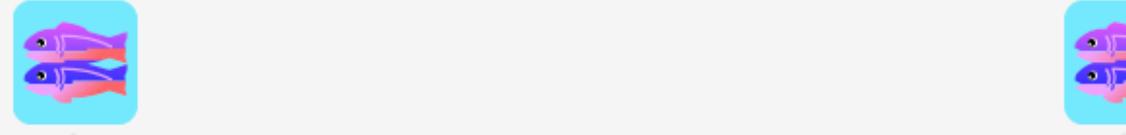
beginner-javascript



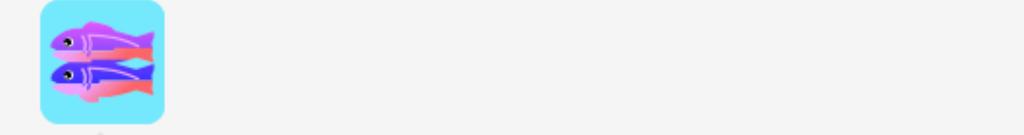
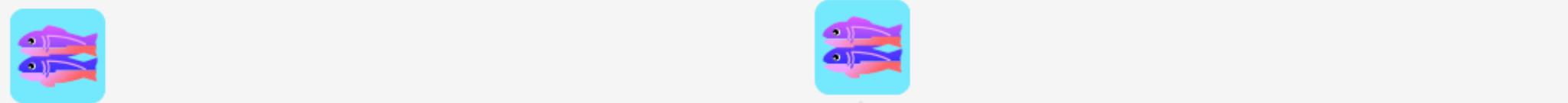
float-layout



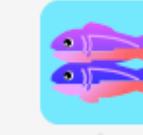
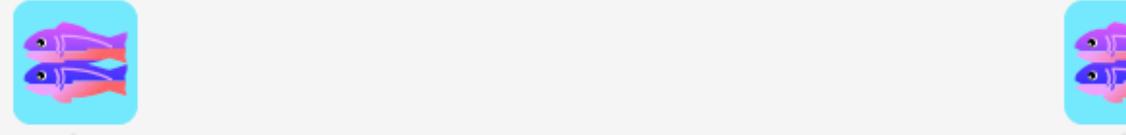
javascripting



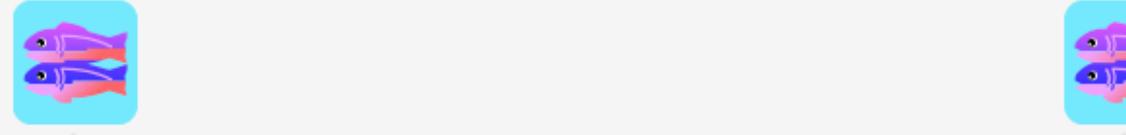
node-beginner



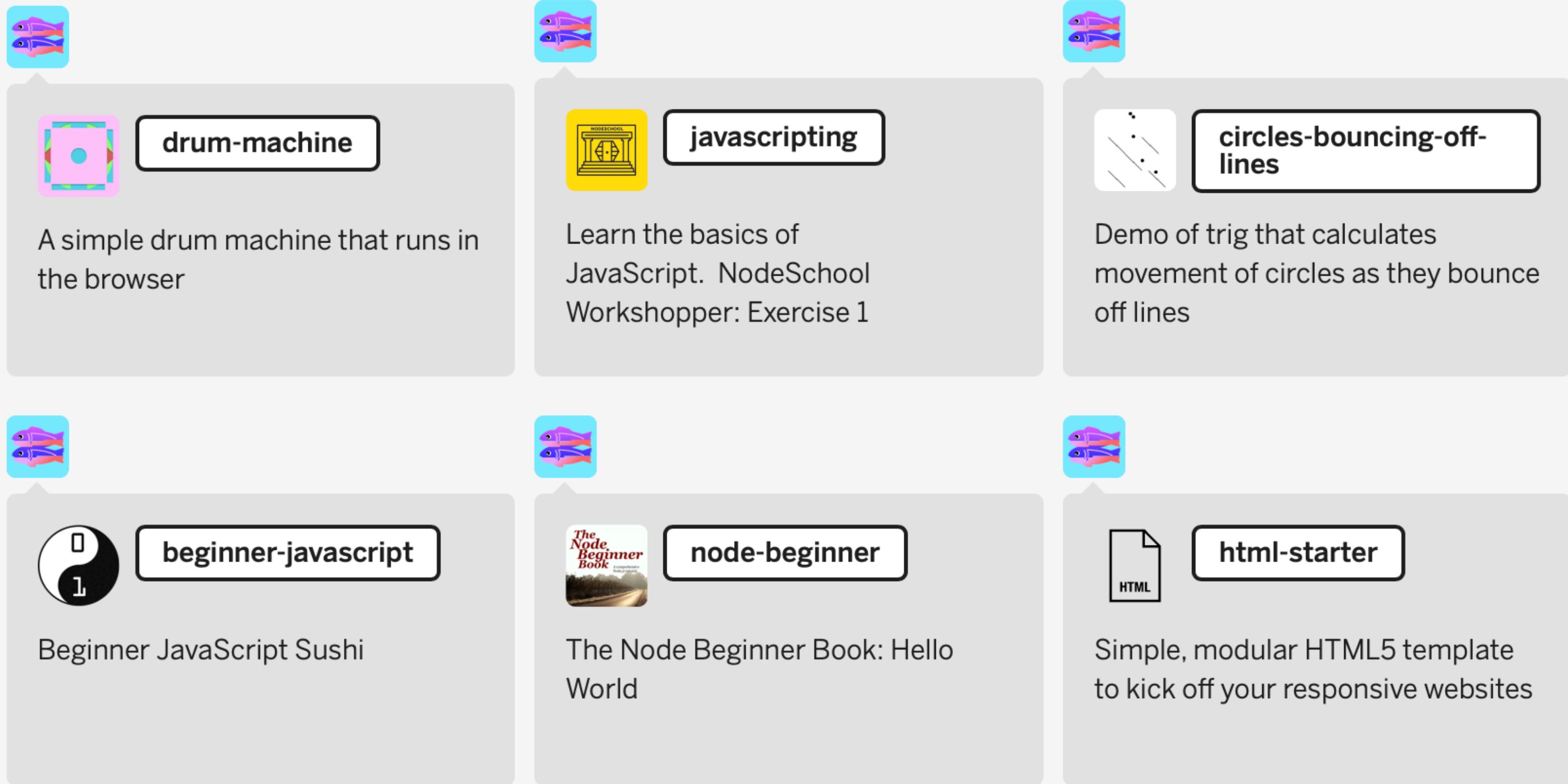
circles-bouncing-off-lines



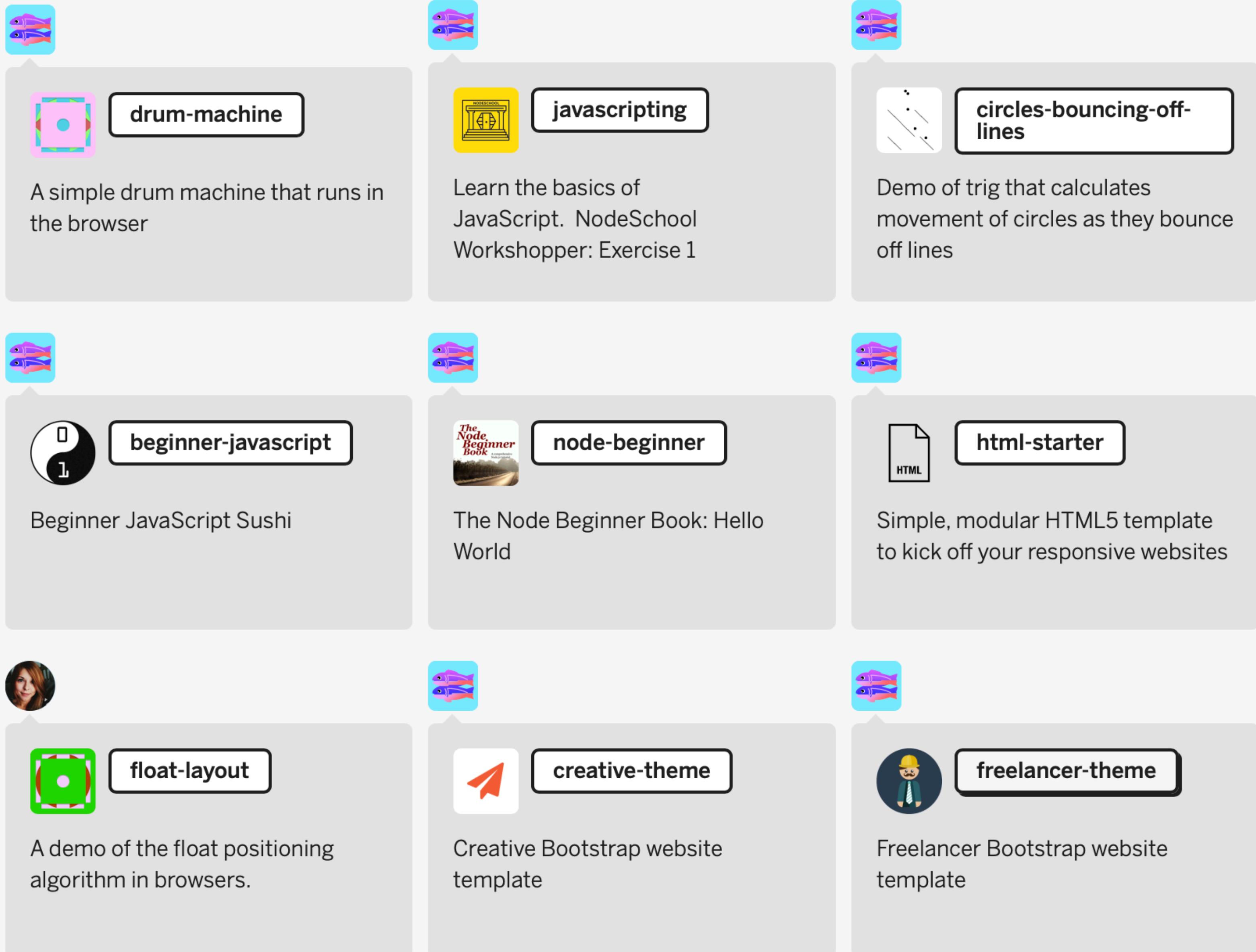
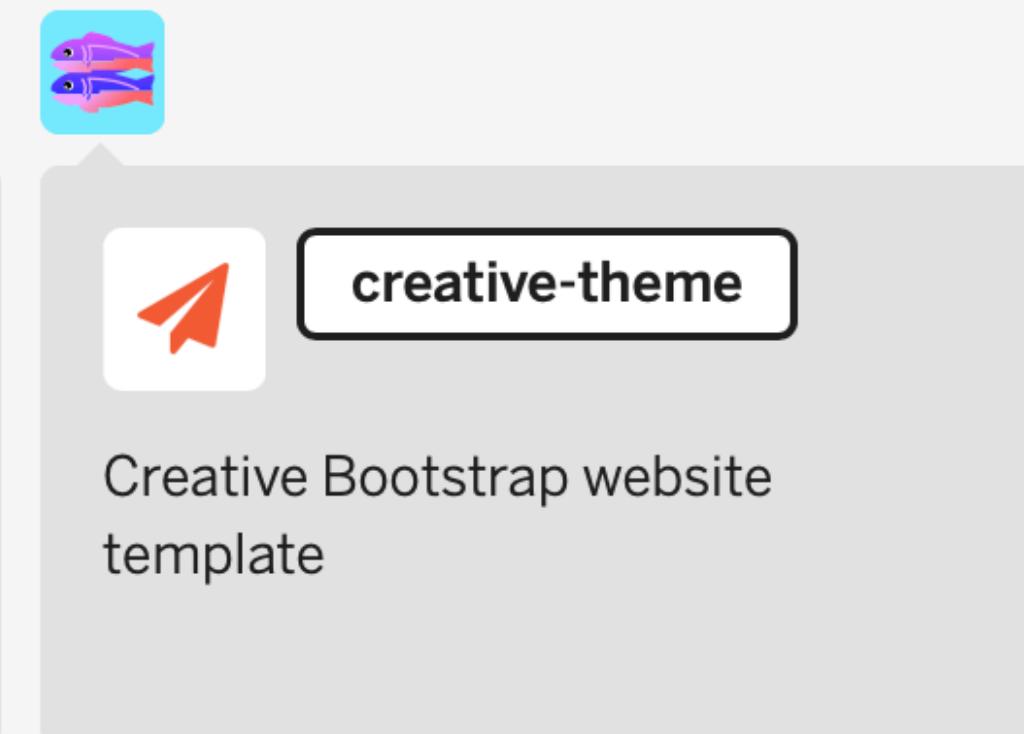
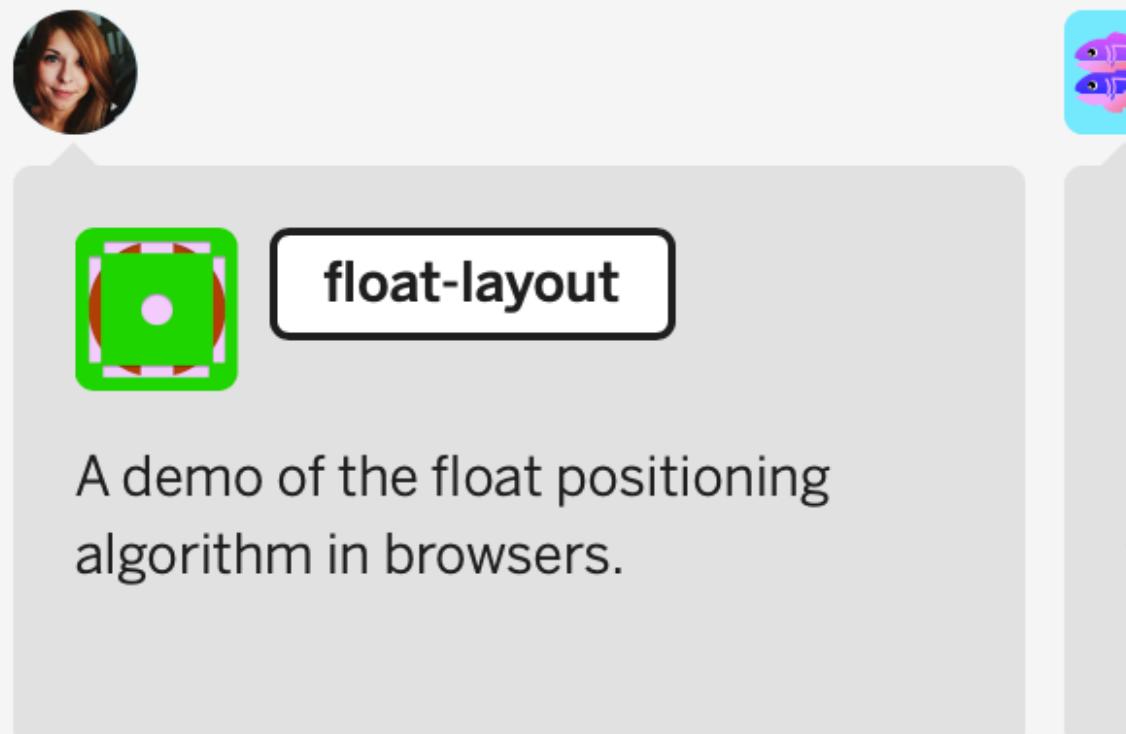
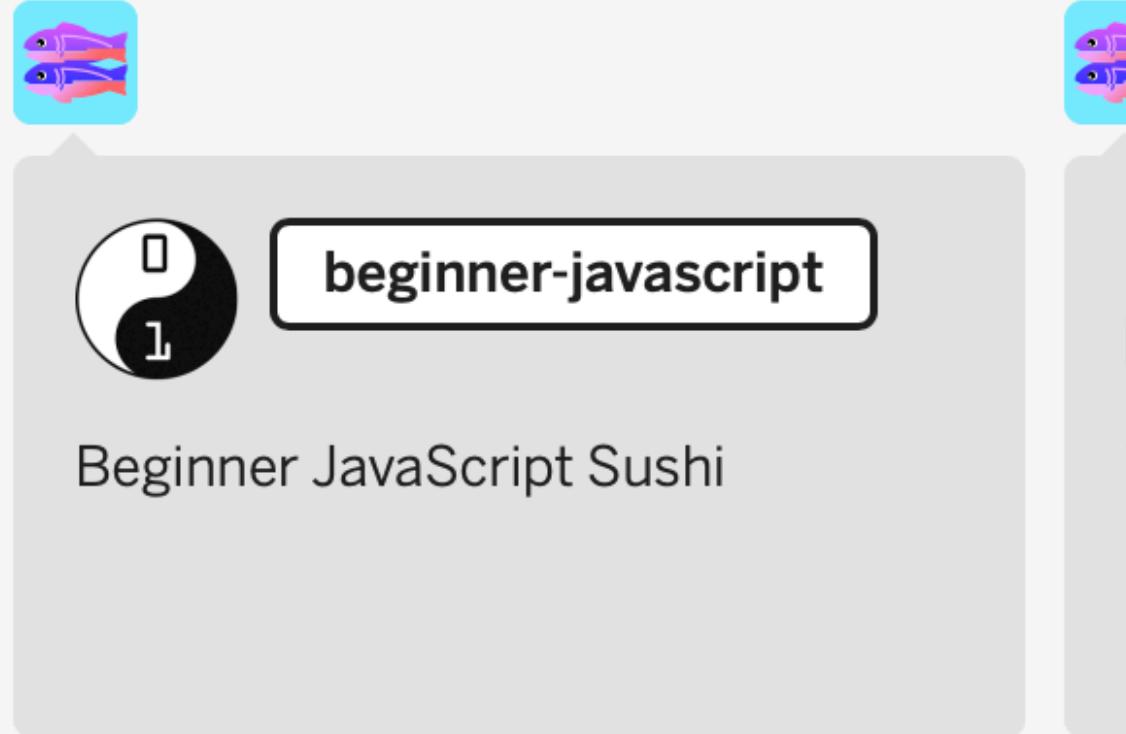
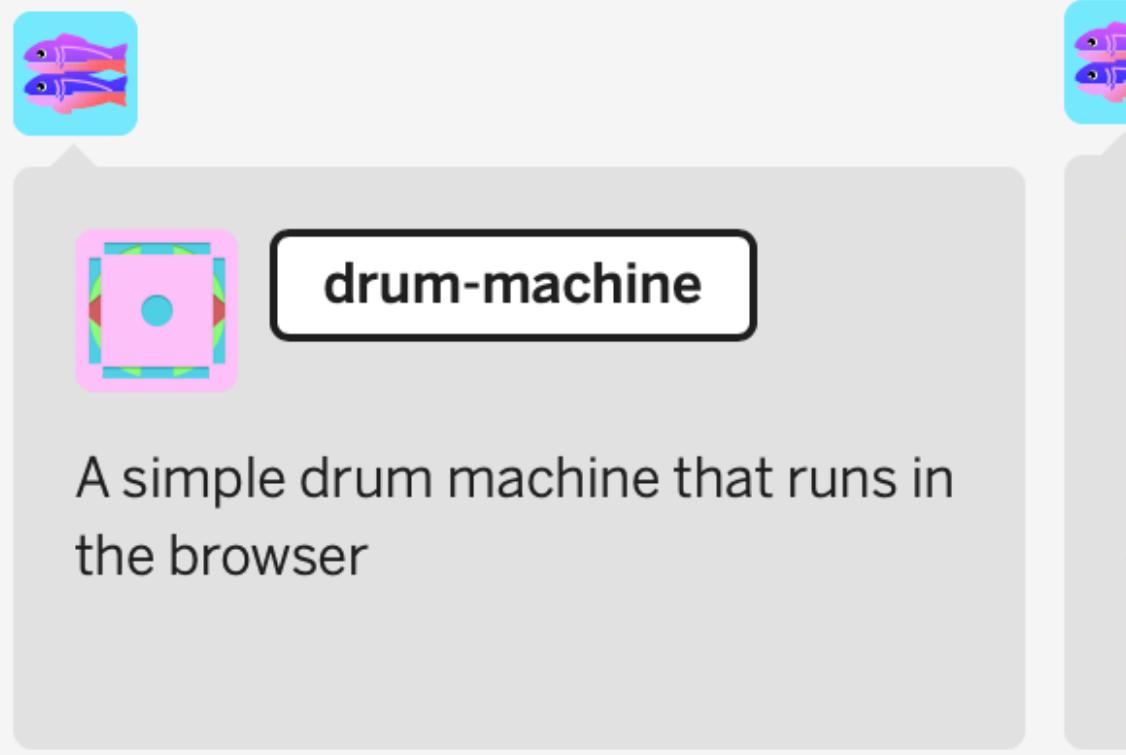
html-starter



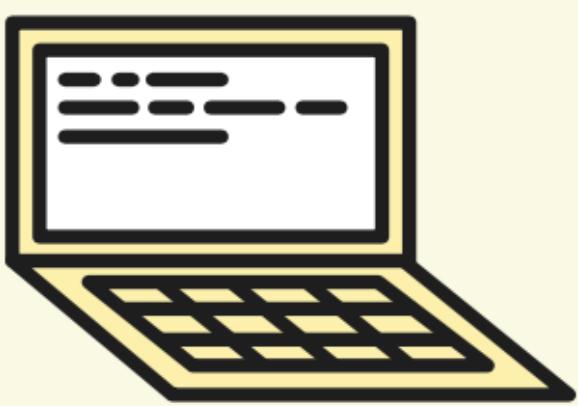
creative-theme



freelancer-theme

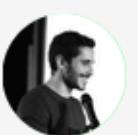


Hello Worlds



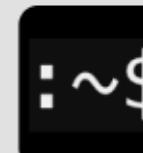
Experiment with technologies and libraries by remixing these sample projects.

Projects (31)



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. #aframem...



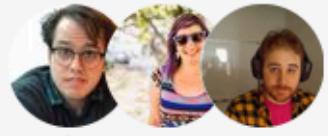
backbone-todomvc

TodoMVC example using Backbone.js



passport-js

User authentication with passport.js



parcel

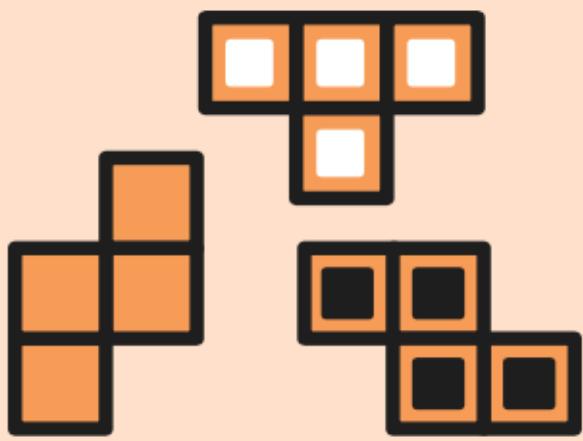
A battery-included React project that uses the Parcel bundler



server-side-d3js

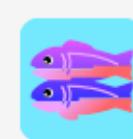
Server-side SVGs with D3.js

Games



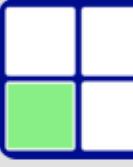
Make your own cool games.
Get that idea out of your head
and into the world.

Projects (32)



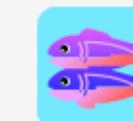
space-invaders

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



memory-game

Card-matching memory game



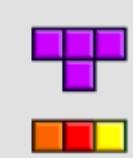
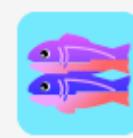
browser-quest

A magical project that does sober things



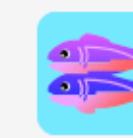
mini-breakout

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



dive-the-game

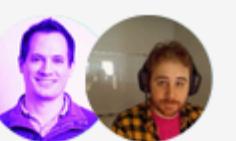
Text adventure game.

Tools for Work



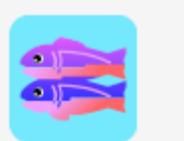
Every business is a snowflake.
Build and customize your own
tools and integrations.

Projects (45)



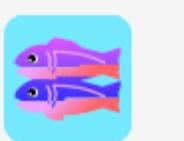
stripe-checkout

Stripe Checkout sample app



data-dashboard

Google Sheets data dashboard



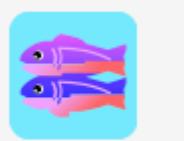
azure-storage

Microsoft Azure Storage database
example



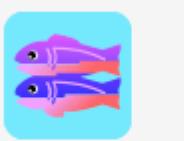
slack-classic-unfurling

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

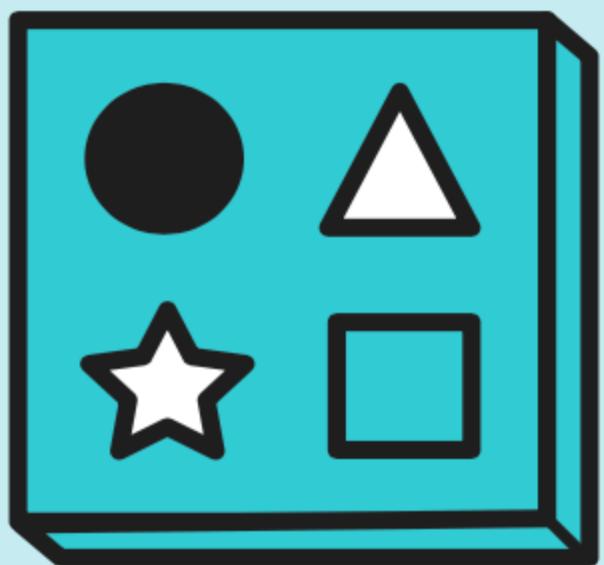
Parse dashboard



excel-spreadsheet

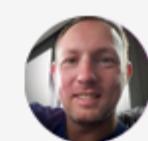
Display data from an Excel
spreadsheet

Building Blocks



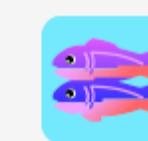
Databases, emailing and more. The bread and butter basics of modern web dev.

Projects (46)



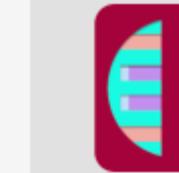
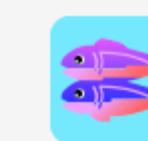
email-auth

Login using email only, by [GlitchApps.org](#).



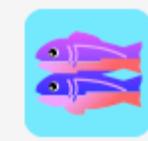
socketio-chat

A simple chat demo using [socket.io](#)



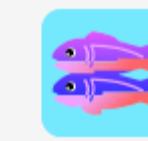
rest-api

API endpoint example app with Express



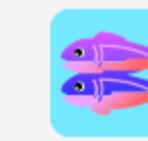
nodemailer

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

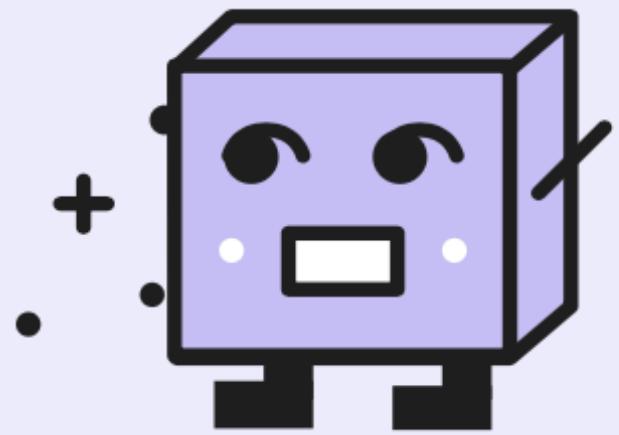
An example app implementing Github OAuth with Passport.js



material-design

Prototype using Google's Material Design.

Handy Bots



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

Projects (22)



botkit-facebook-old

A starting point for building Facebook bots with Botkit



botkit-cisco-webex-teams-old

Starter kit for creating a Botkit-powered Cisco Webex Teams bot



slack-bot-persist

Slack Onboarding Bot



bot-builder-skype

An example Skype bot using Microsoft's Bot Builder SDK



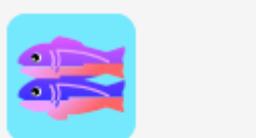
botkit-slack-old

Starter kit for creating a Botkit-powered Slack app



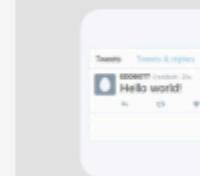
google-home

An example Google Home agent app using [API.ai](#)



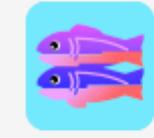
slack-slash-command

Slack slash command response handler



twitterbot

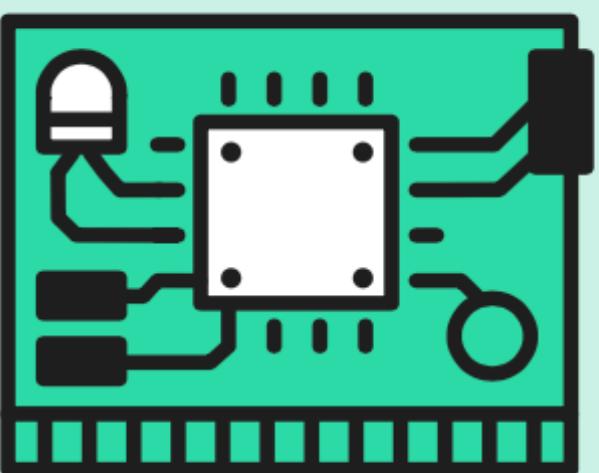
A simple template for making Twitter bots with Glitch and node.js.



alexa-skill

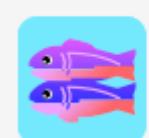
A full, working Alexa Skill that gets weather forecast info from [forecast.io](#)

Hardware



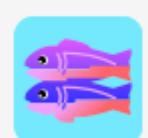
Connect your gadgets and gizmos to the world – or your kitchen.

Projects (14)



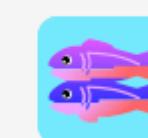
add-to-alexa

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](#)



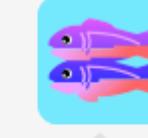
twilio-sms

Send SMS messages with Twilio



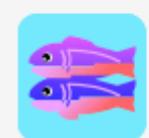
particle-api

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



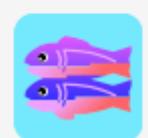
alexa-skill

A full, working Alexa Skill that gets weather forecast info from [forecast.io](#)



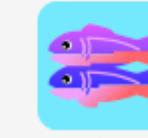
conditional-ifttt-triggers

Trigger IFTTT when multiple conditions are met



multi-ifttt-triggers

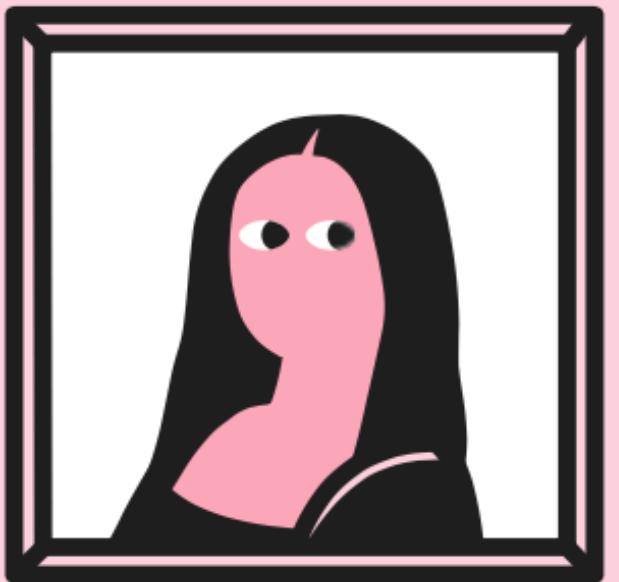
Trigger multiple actions in IFTTT



littlebits-api

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

Art



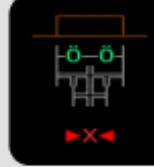
Weird, fun masterpieces from talented artists, and the tools to create your own.

Projects (56)



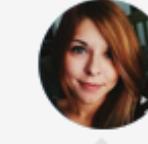
retro-album-covers

A generative art sketch by @mattdesl.



asc-paint

Ascii art painting program



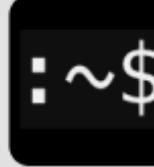
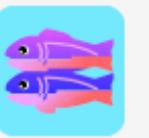
magic-sketchpad

Draw things with machine learning! (a magenta.js and SketchRNN magic doodling pa...



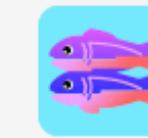
pixelatize

Pixelate uploaded images



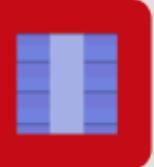
ascii-art

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



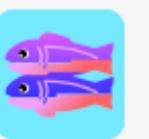
paper-js

The Swiss Army Knife of Vector Graphics Scripting



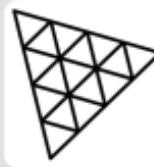
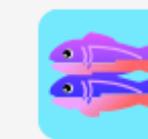
send-this-to-your-lover

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



processing-js

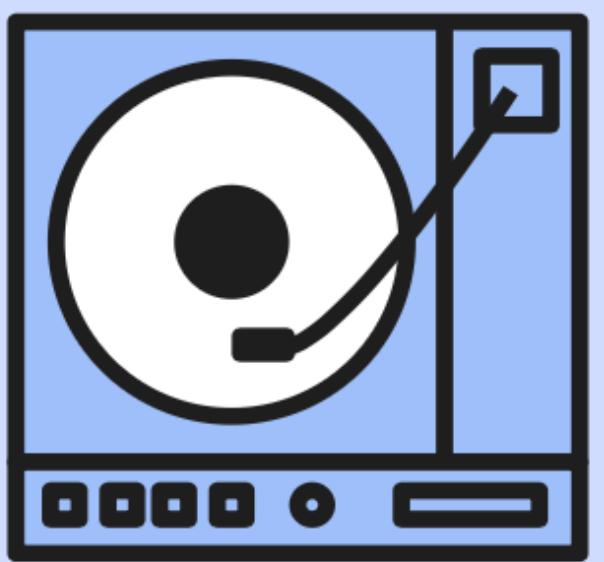
A hypnotic processing.js sketch



three-js

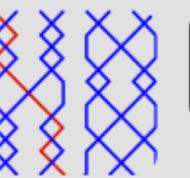
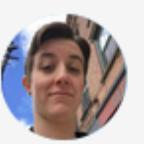
A demo of three.js, an easy to use, lightweight, 3D library

Music

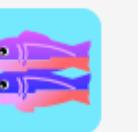


The sounds of music created, connected, visualized and remixed.

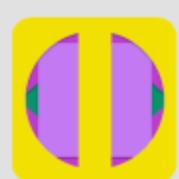
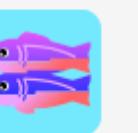
Projects (35)



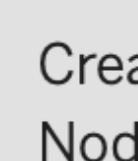
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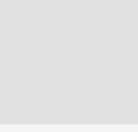
spotify-oauth



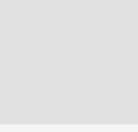
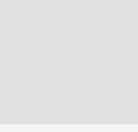
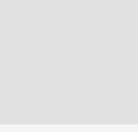
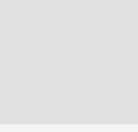
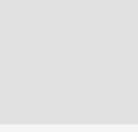
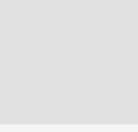
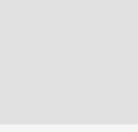
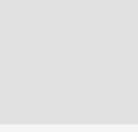
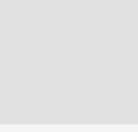
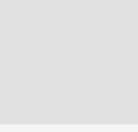
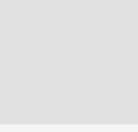
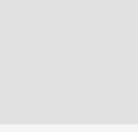
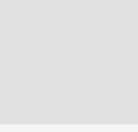
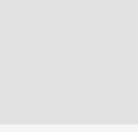
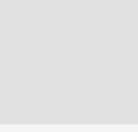
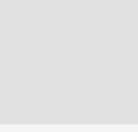
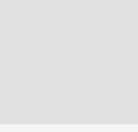
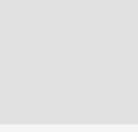
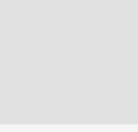
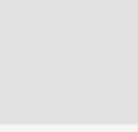
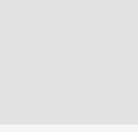
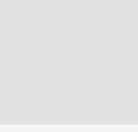
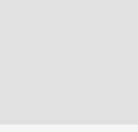
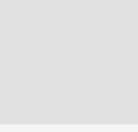
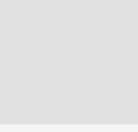
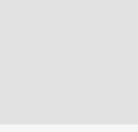
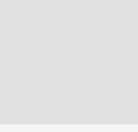
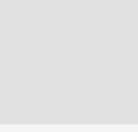
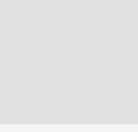
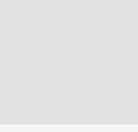
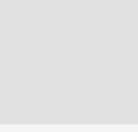
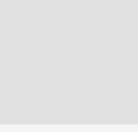
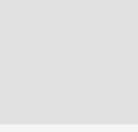
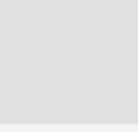
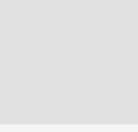
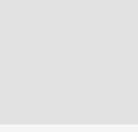
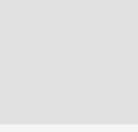
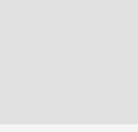
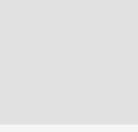
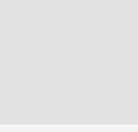
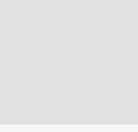
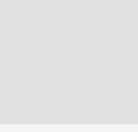
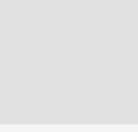
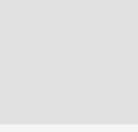
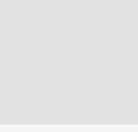
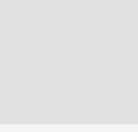
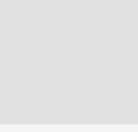
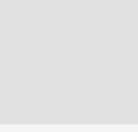
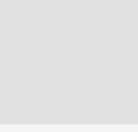
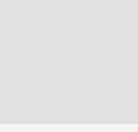
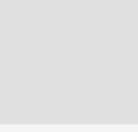
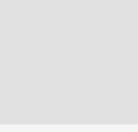
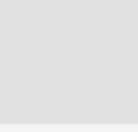
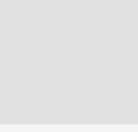
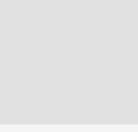
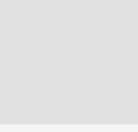
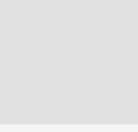
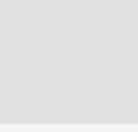
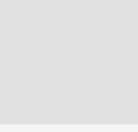
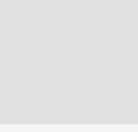
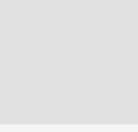
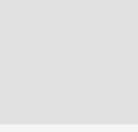
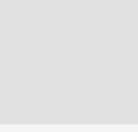
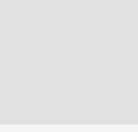
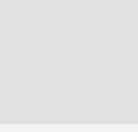
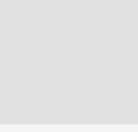
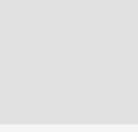
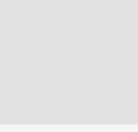
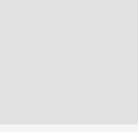
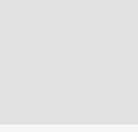
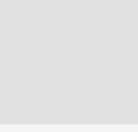
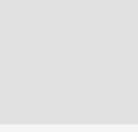
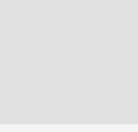
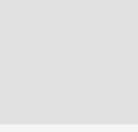
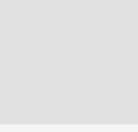
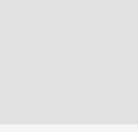
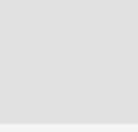
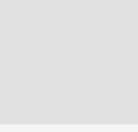
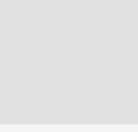
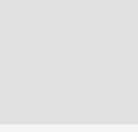
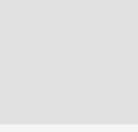
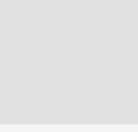
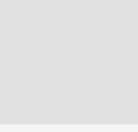
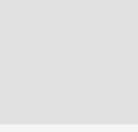
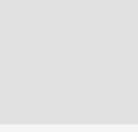
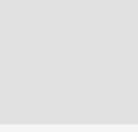
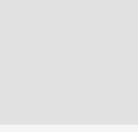
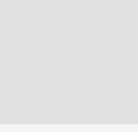
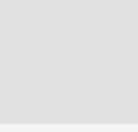
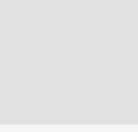
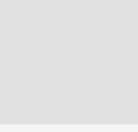
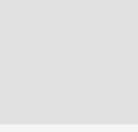
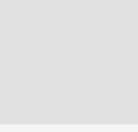
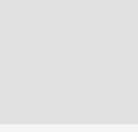
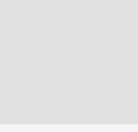
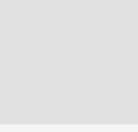
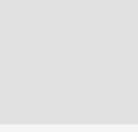
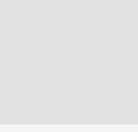
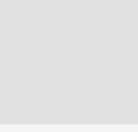
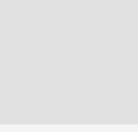
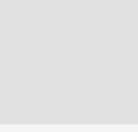
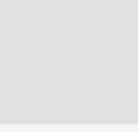
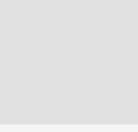
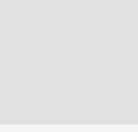
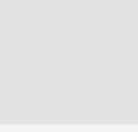
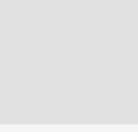
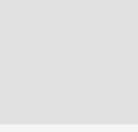
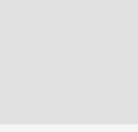
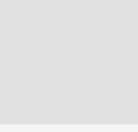
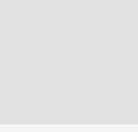
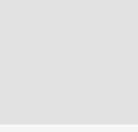
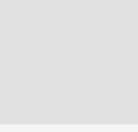
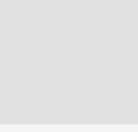
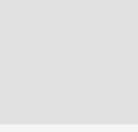
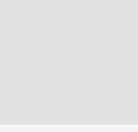
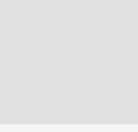
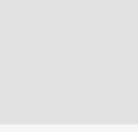
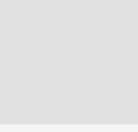
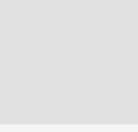
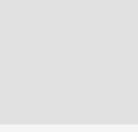
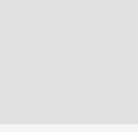
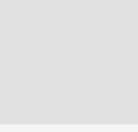
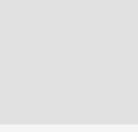
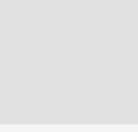
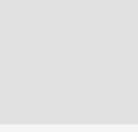
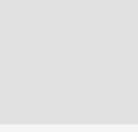
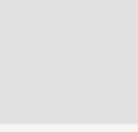
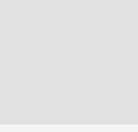
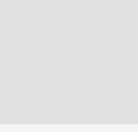
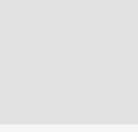
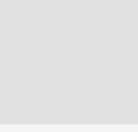
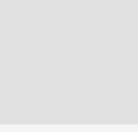
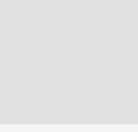
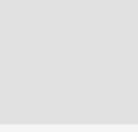
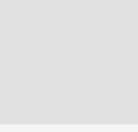
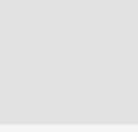
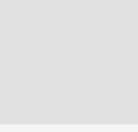
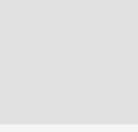
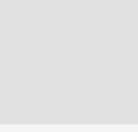
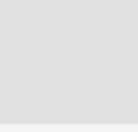
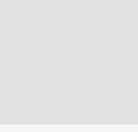
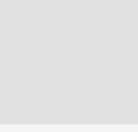
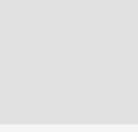
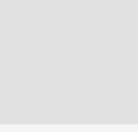
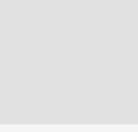
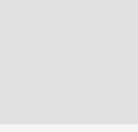
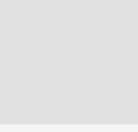
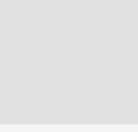
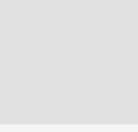
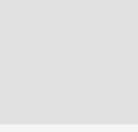
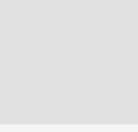
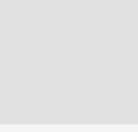
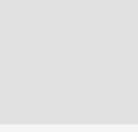
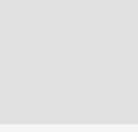
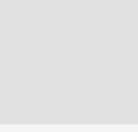
scribbletune



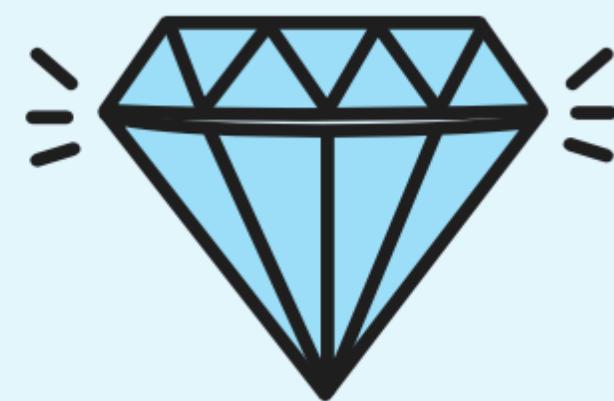
billboard-stats



audiogram



Community Picks



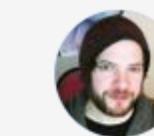
Community submissions that do the flyest things ✨

Projects (66)



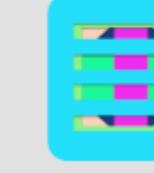
twitter-likes-backup

Backup likes to SQLite



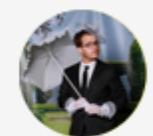
webcomicname-mashup

mashing up webcomicname panels



narrow-the-gap

A single-serving web site displays the wage gap between men and women in the Uni...



twitter-archive-deleter

Ever wanted to wipe your Twitter timeline and start over? This app helps you do ...



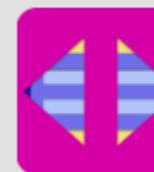
coffee-talks

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