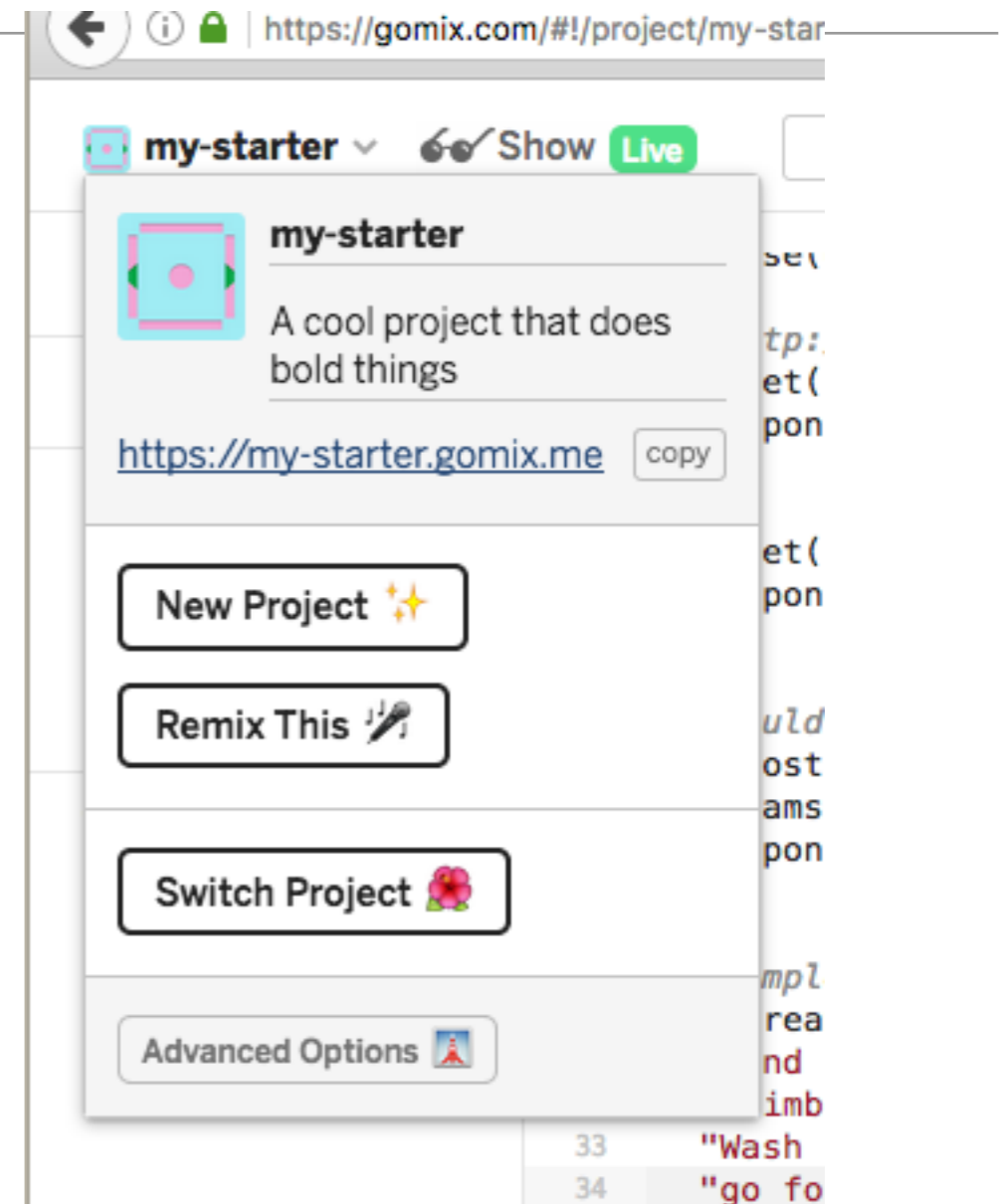


# Glitch Features & Projects

---

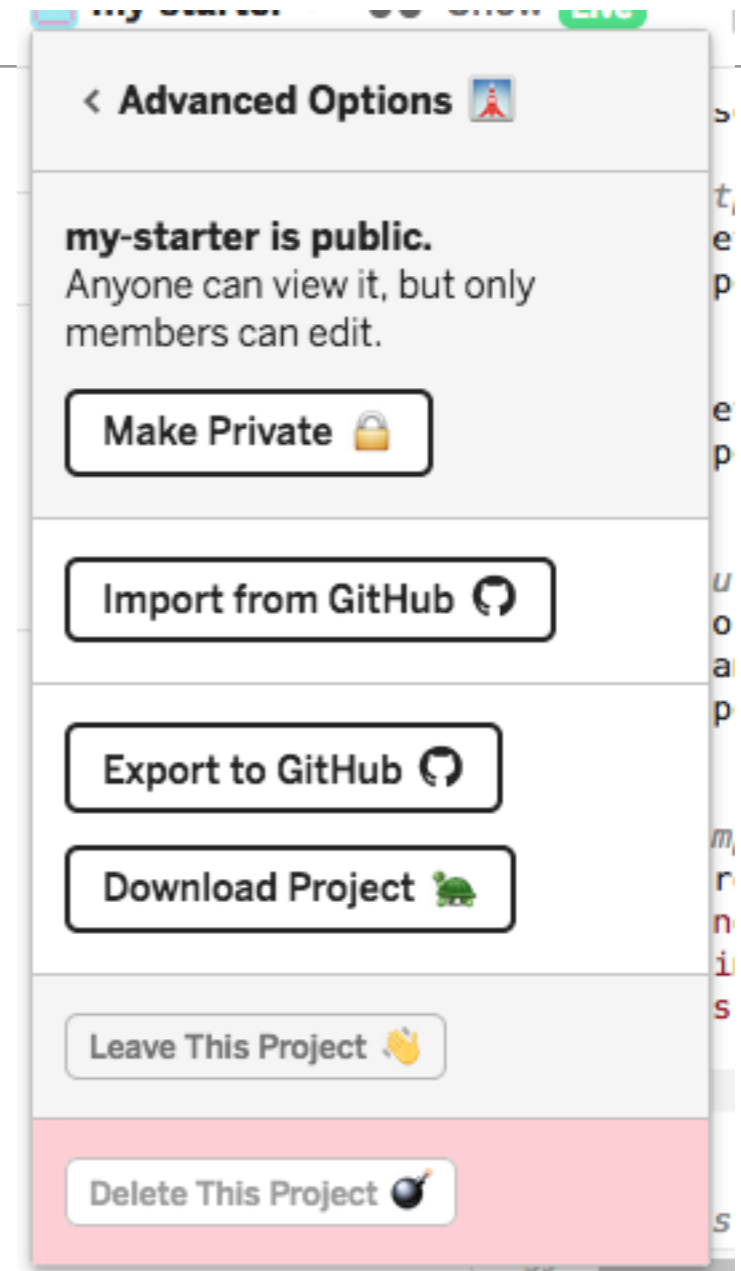
# Creating New Projects

- '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

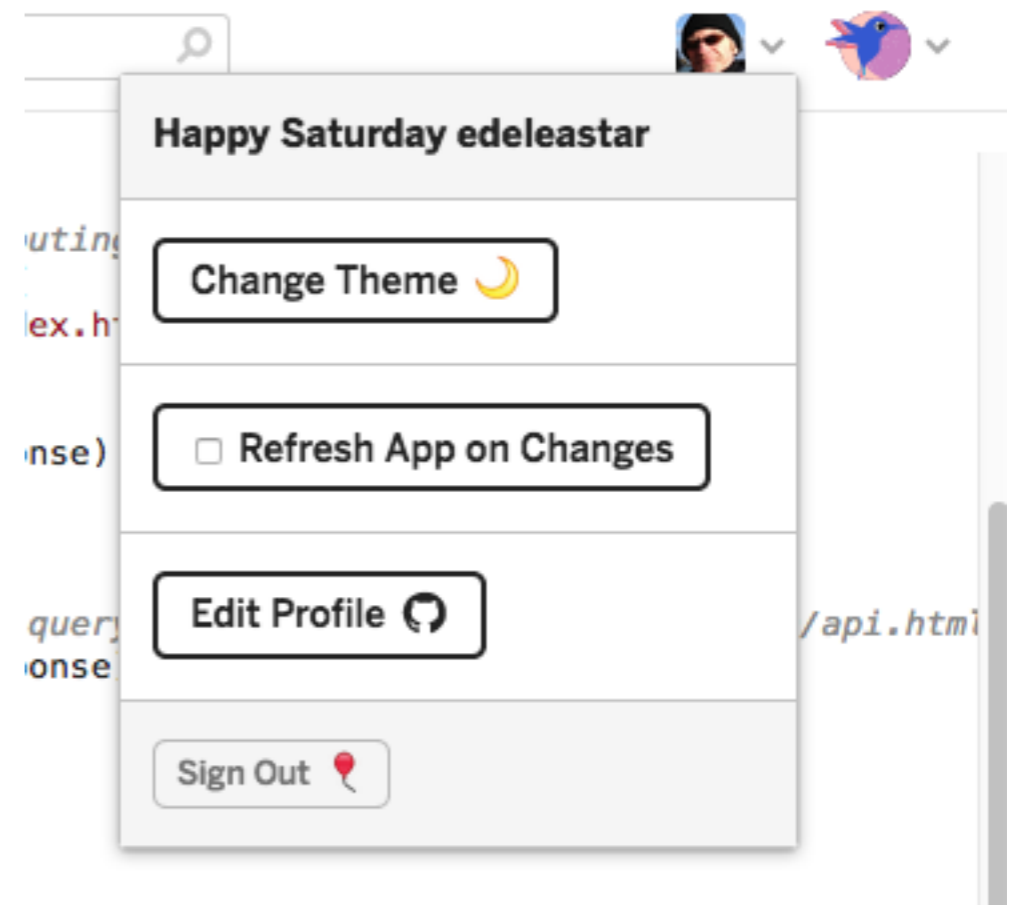
- The full source of a project can be:
  - Exported to a GitHub repository
  - Download as an archive to your own workstation.
- Deleted
- Made Private (all projects public by default)



# Profile

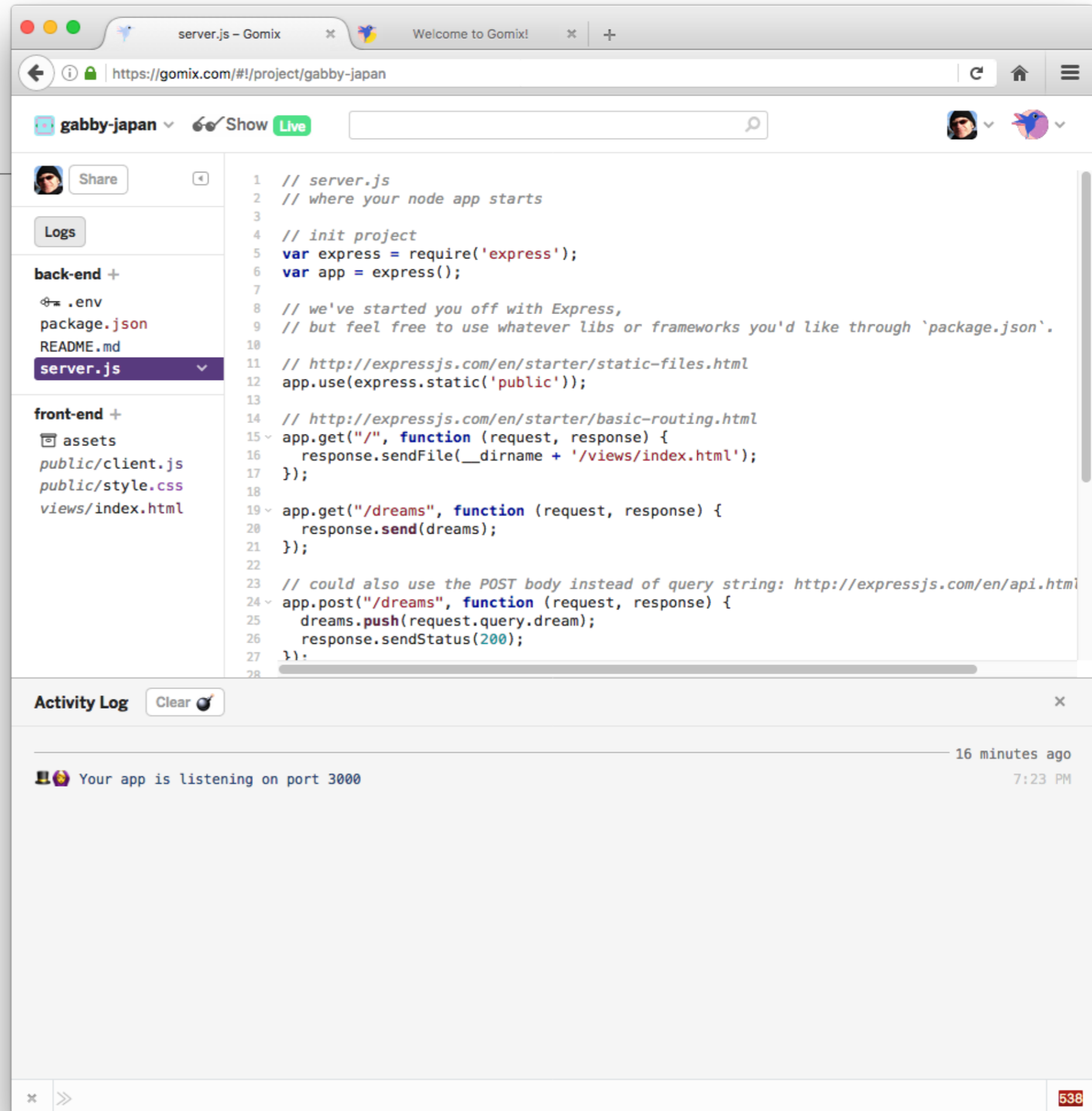
---

- 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 the URL `https://gomix.com/#!/project/gabby-japan`. The page displays a code editor for `server.js` and an activity log. The code editor shows 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
```

The activity log shows a message: "Your app is listening on port 3000" received 16 minutes ago at 7:23 PM. The log is titled "Activity Log" and has a "Clear" button.

# Logs

- Syntax errors in back-end javascript reported here.

The screenshot shows a web browser window with the URL `https://gomix.com/#!/project/gabby-japan`. The page displays a code editor for a file named `server.js`. The code is as follows:

```
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 error message in the activity log is:

```
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 activity log also shows the following output from the code:

```
/app/server.js:34
  "go for cycle
  ~~~~~~
```

The browser window also shows a sidebar with a file explorer containing:

- back-end +
  - .env
  - package.json
  - README.md
  - server.js
- front-end +
  - assets
  - public/client.js
  - public/style.css
  - views/index.html

The browser window also shows a search bar and a user profile icon.

# Gomix Community Projects

---



Hello Worlds



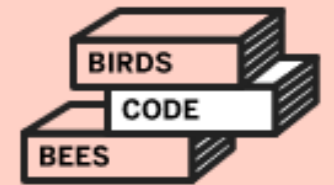
Games



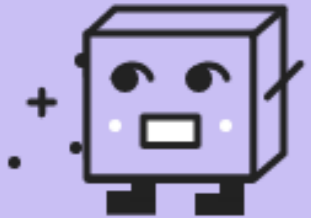
Tools for Work



Building Blocks



Learn to Code

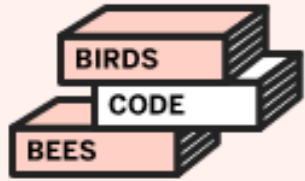


Handy Bots



Community Picks

## Learn to Code



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



### Learn JavaScript with Javascripting Workshopper

18 exercises, covering the basics of JavaScript from variables to functions



manuelkiessling



### Learn Node.js with The Node Beginner

A beginner's guide to Node.js and JavaScript. Get started by selecting 'View Code'



maryrosecook



### Circles Bouncing Off Lines

Learn how to calculate the movement of circles as they bounce off lines



### CoderDojo Kata: Intermediate JavaScript Sushi

Learn about logging, listening, variables, conditionals, arrays & functions



### CoderDojo Kata: Beginner JavaScript Sushi

Learn the basics of HTML, JavaScript, triggering actions and using jQuery



davidtmiller



### Instant Website: Creative Bootstrap Template

A one page Bootstrap website theme for portfolios and businesses



davidtmiller



### Instant Website: Freelancer Bootstrap Template

A one page Bootstrap website theme for freelancers



InPermutation



### Mini Lua Compiler

Learn how compilers work - create a Lua to Assembly compiler in JavaScript



# Hello Worlds



Experiment with technologies and libraries by remixing these sample projects.



vuejs



## Vue.js SSR

Vue 2.0 Server-side Rendering using only ES5 with no build step



nuxt



## Nuxt.js

Editable live starter for nuxt.js



## React.js

React comment box tutorial example



## Grunt.js

Example app that minifies a JS file with Uglify using Grunt



etamponi



## Assets.js

Use relative paths to serve your assets on HyperDev



JosephLaurino



## Processing.js

A hypnotic processing.js sketch



rmanalan



## HipChat Add-on

A fully functional HipChat add-on



gr2m



## Hoodie

Starter project using Hoodie



STRd6



## Sass Middleware

Demo project showing how to use Sass middleware



pketh



## CoffeeScript, Jade & Stylus

A really nice way to start your next project



STRd6



## Browserify Middleware

Basic Browserify Middleware Hello World example



## D3.js

Rendering SVG charts on the server-side with D3.js



etamponi



## Mocha and Chai

Adding tests before deploy with Mocha and Chai



## Backbone.js

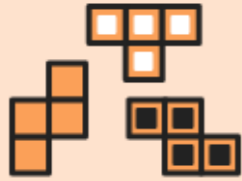
A To-do list app using Backbone.js (TodoMVC)



## Passport.js

User authentication using Passport.js and OAuth providers

## Games



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

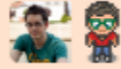


benoror



### Multiplayer Snake

Play multiplayer Snake over websockets



glecollinet and sork



### Browser Quest

A HTML5/JavaScript massively multiplayer online role-playing game



anildash



### Mini Breakout

A simple Phaser-based Breakout clone



maryrosecook



### Space Invaders

Learn about the game loop, collisions, input, drawing and sounds



underscorediscovery



### Multiplayer Starter Game

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



### Multi Draw

Draw in real-time with multiple other people, and see what they're drawing too

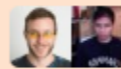


jennazee



### Tetrjs

A Tetris clone in JavaScript



STRd6 and pketh



### Fancy Soundboard

Click pictures, listen to sounds, celebrate



STRd6



### Pong Solo

Play Pong against a brick wall; now even harder to beat!



InPermutation



### Kerbal Space Program

Launch your spaceship into orbit. Don't die.



etamponi




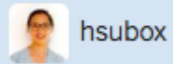
### Memory!

Memory matching game with different themes for cards


## Tools for Work




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




**Voting**  
A simple polling and voting app




**FogBugz Webhook Dashboard**  
A simple server that handles incoming Webhooks delivered from FogBugz




**App Store Image Grabber**  
Get the logos and screenshots from any app in the Apple iOS App Store




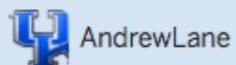
**Salesforce Quickstart**  
Handles OAuth and commands using SOQL, Search and Chatter APIs




**HTML Slide Deck Presentation**  
Example presentation slide show using reveal.js




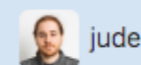
**Parse To-do App**  
Example To-do app that uses Parse Server as a backend




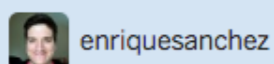
**Parse Dashboard**  
A sample project implementing Parse Dashboard




**Trello Webhook Server**  
Lists Trello board activity via webhooks



**Display Data from Excel**  
Read and display data from a .xlsx file on Dropbox



**Simply Done**  
A simple, minimalist Todo app

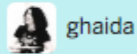


**Data Dashboard**  
Display data from Google Sheets on a live dashboard

## Building Blocks



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



ghaida



### Prototype with Material Design

A quick way to bootstrap a site or app with Material



### Blockspring

Use Blockspring to easily get data from third-party APIs



bigdogwillfeed



### FogBugz.js

A lightweight, promise-based wrapper around the FogBugz API



### NeDB

A list app that demos interacting with a NeDB database



### SQLite3 with Sequelize

List app that demos a SQLite3 database using the Sequelize ORM



### MongoDB database persistence (async)

A simple blog app using MongoDB database to store data



### MongoDB database persistence (sync)

A simple blog app using MongoDB database to store data



### Firebase Database Quickstart

A simple social blog app using Firebase



AndrewLane



### Parse Server

An example Parse Server project using Express



### App Authentication with Auth0

Let Auth0 take care of how users authenticate with your app



### Web Scraper

Web scraper using scrape-it



### Sending SMS with Twilio

Use Twilio to send SMS alerts on page error



### Simple MongoDB Example

Connect and add items to a MongoDB database



### API Endpoint

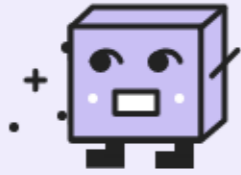
GET and POST RESTful API endpoints using Express



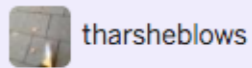
### Sending Email

Email sending form with React and Nodemailer

## Handy Bots



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



### Wordpress Slack Slash Command

Slack slash command to peek at the last 3 posts on a WordPress site



### Contentful Command Slack Bot

A Slack slash command handler which will help you to quickly access and create data stored in Contentful



### Add to Alexa Flash Briefing

Generate an Alexa Flash Briefing compatible JSON feed from submitted articles



### Slack Bot

Example Onboarding bot using Slack's Events API



### Chewy

Give Alexa the power of the Force with this Wookieepedia powered Skill



### Facebook Messenger Bot

A simple echo bot that responds to a user's message



### Alexa Skill for Amazon Echo

Ask Alexa for airport information using an airport code



### Slack Slash Command Handler

Respond to custom Slash Commands in Slack, using MongoDB for persistence



### Slack Bot (with persistence)

Onboarding bot using Slack's Events API, with MongoDB for persistence



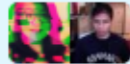
### Twitter Bot

A template for making fun Twitter bots with the Twit Node.js library

## Community Picks




Community submissions that do the flyest things ✨

 rosamcgee and pketh



### Coffee Talks

Heartfelt dev talks for humans, using  
Airtable as the database

 jennschiffer



### Pixelatize


Upload an image and '8-bit-ify' or  
pixelate or whatever you want to call it

 vuejs



### Vue.js HN


Hacker News clone with server-side  
rendering, built w/ Vue 2.0, vue-router  
& vuex

 vinitkumar



### Node Twitter


Full Twitter clone app using Express  
and MongoDB

 margalit



### Postcard Maker


Upload an image and it'll create and  
post out a postcard

 olragon



### Font Awesome Export tool


Creates the mouse cursor and image  
code for Font Awesome icons

 pketh



### Frog Feels


Draw some feelings, see what  
everyone else drew weekly

 LouManglass



### Trello Shopping List Generator


Auto-generate a shopping list from  
Trello recipe checklists

 STRd6



### L-system


Example implementation of a  
Lindenmayer system

 jude



### Learn ASL Alphabet

Practice the ASL fingerspelled  
alphabet

 InPermutation



### SVG Editor

A thing for making SVG images. Draw  
with it.