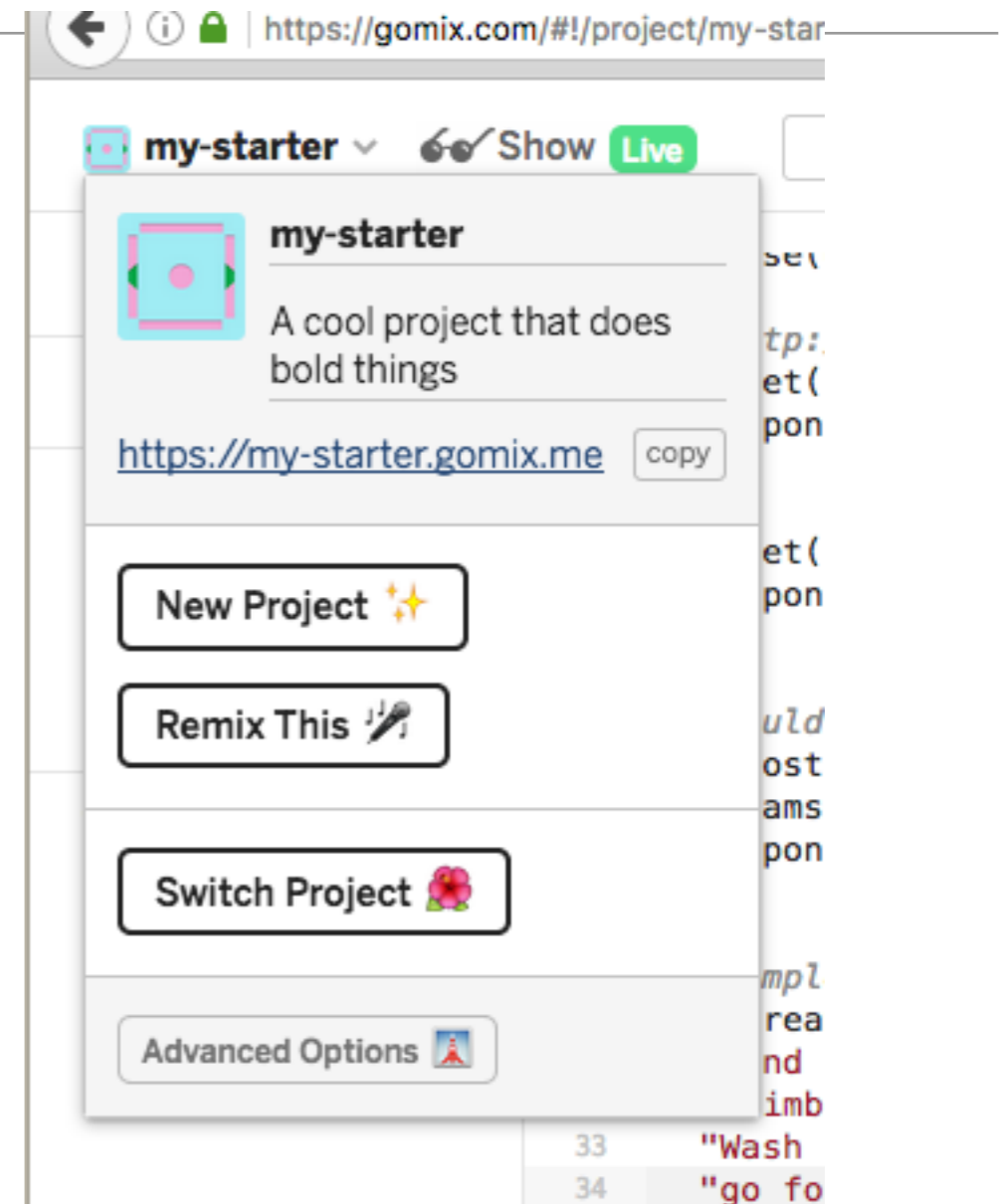


Gomix Features & Projects

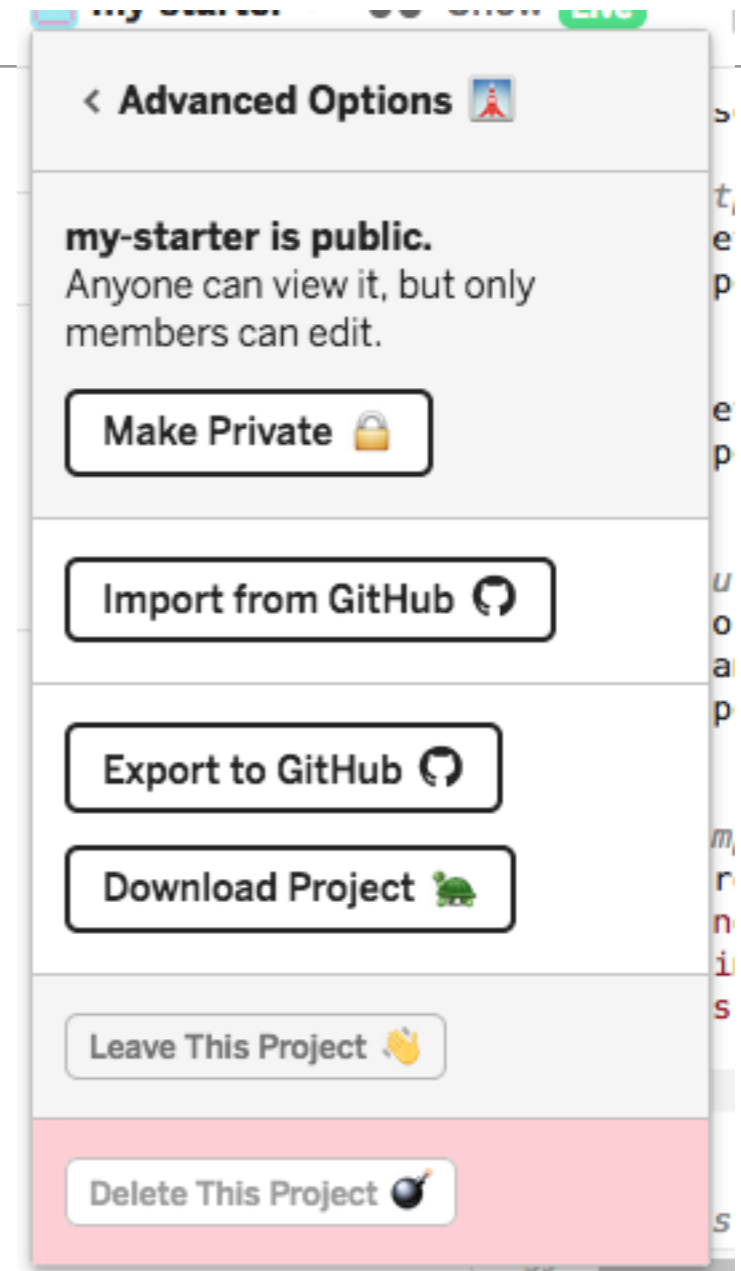
Creating New Projects

- '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.



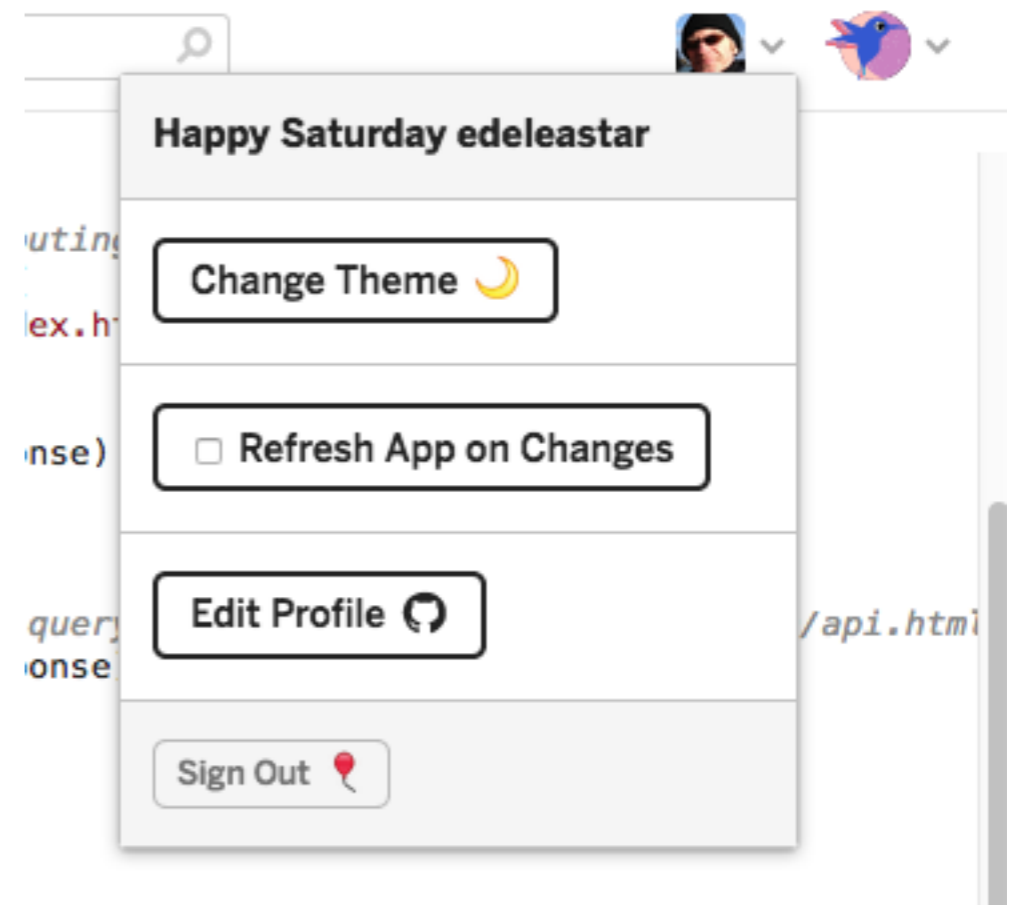
Advanced Options

- 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)



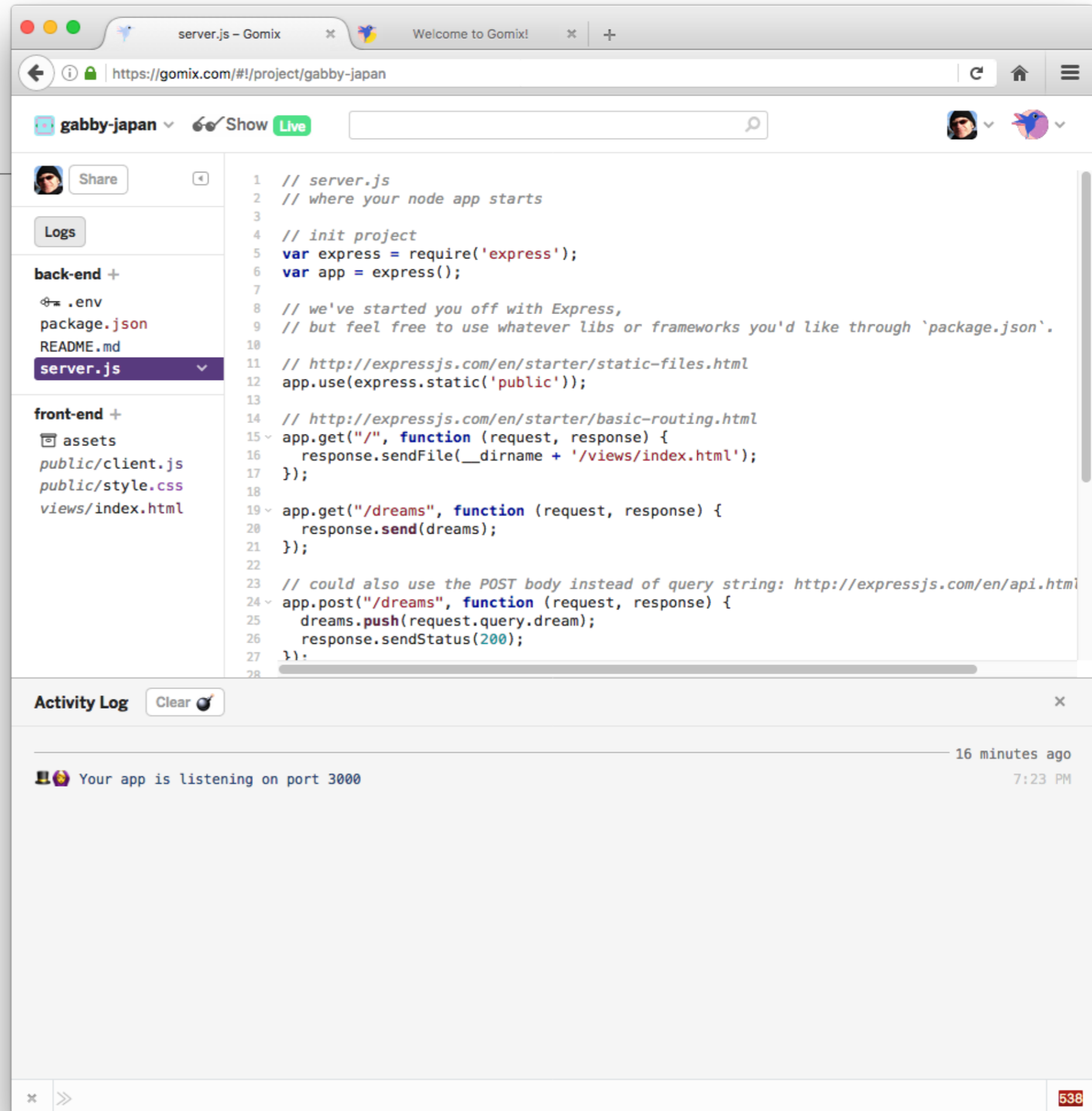
Profile

- 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 browser tabs include "server.js - Gomix" and "Welcome to Gomix!". The page displays a code editor for a file named "server.js" with the following code:

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

On the left side, there is a file explorer showing the project structure:

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

Below the code editor is an "Activity Log" section with a "Clear" button. The log shows a message: "Your app is listening on port 3000" with a timestamp of "16 minutes ago" and "7:23 PM".

Logs

- Syntax errors in back-end javascript reported here.

The screenshot shows a web browser window with the URL `https://gomix.com/#!/project/gabby-japan`. The browser displays a code editor for a project named "gabby-japan". The code editor shows the following JavaScript code:

```
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 activity log is titled "Activity Log" and has a "Clear" button. The browser window also shows a "Share" button and a "Logs Error" button. The browser window has a tab titled "server.js - Gomix" and a "Connecting..." status.

Gomix Community Projects



Hello Worlds



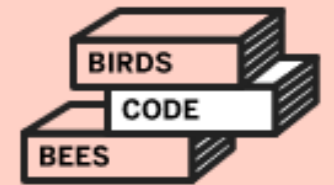
Games



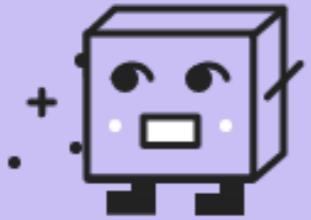
Tools for Work



Building Blocks



Learn to Code

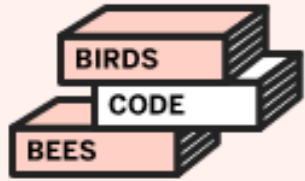


Handy Bots



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

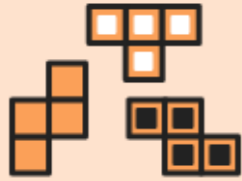
A To-do list app using Backbone.js (TodoMVC)



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.

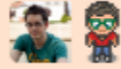


benoror



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

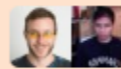


jennazee



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




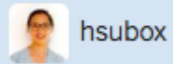
Memory!

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




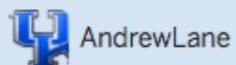
HTML Slide Deck Presentation

Example presentation slide show using reveal.js




Parse To-do App

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




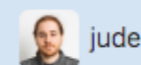
Parse Dashboard

A sample project implementing Parse Dashboard




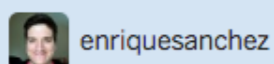
Trello Webhook Server

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



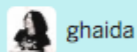
Data Dashboard

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

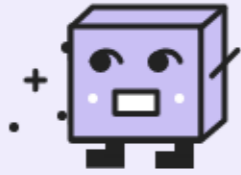
GET and POST RESTful API endpoints using Express



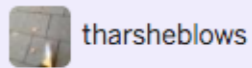
Sending Email

Email sending form with React and Nodemailer

Handy Bots

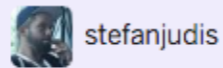


Build helpful tools, meme generators, or Westworld. Your bots have your back.



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



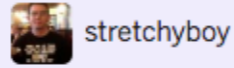
Add to Alexa Flash Briefing

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



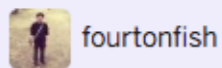
Slack Slash Command Handler

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



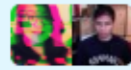
Twitter Bot

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.