

A hiker with a large backpack and trekking poles is seen from behind, navigating a rocky trail in a dense forest. The hiker is wearing a dark shirt and shorts, and the backpack is dark with orange accents. The trail is composed of large, weathered logs and rocks, surrounded by lush green vegetation, including ferns and various leafy plants. The background is filled with tall trees and a thick canopy of leaves.

CREATING FMEDITOR

# A WILD STORY

# GREGOR BEUSTER

- **In-house FileMaker developer** (for 7 years now)
- **Certified in several version** up to 16
- Flirting with front- and backend web development lately
- Former **nutrition scientist** 🧔, hard core **vegan** for 2 years 🧑🌾, used to compete in mountain bike races... once 😂





**North Coast Trail  
(Vancouver Island)**



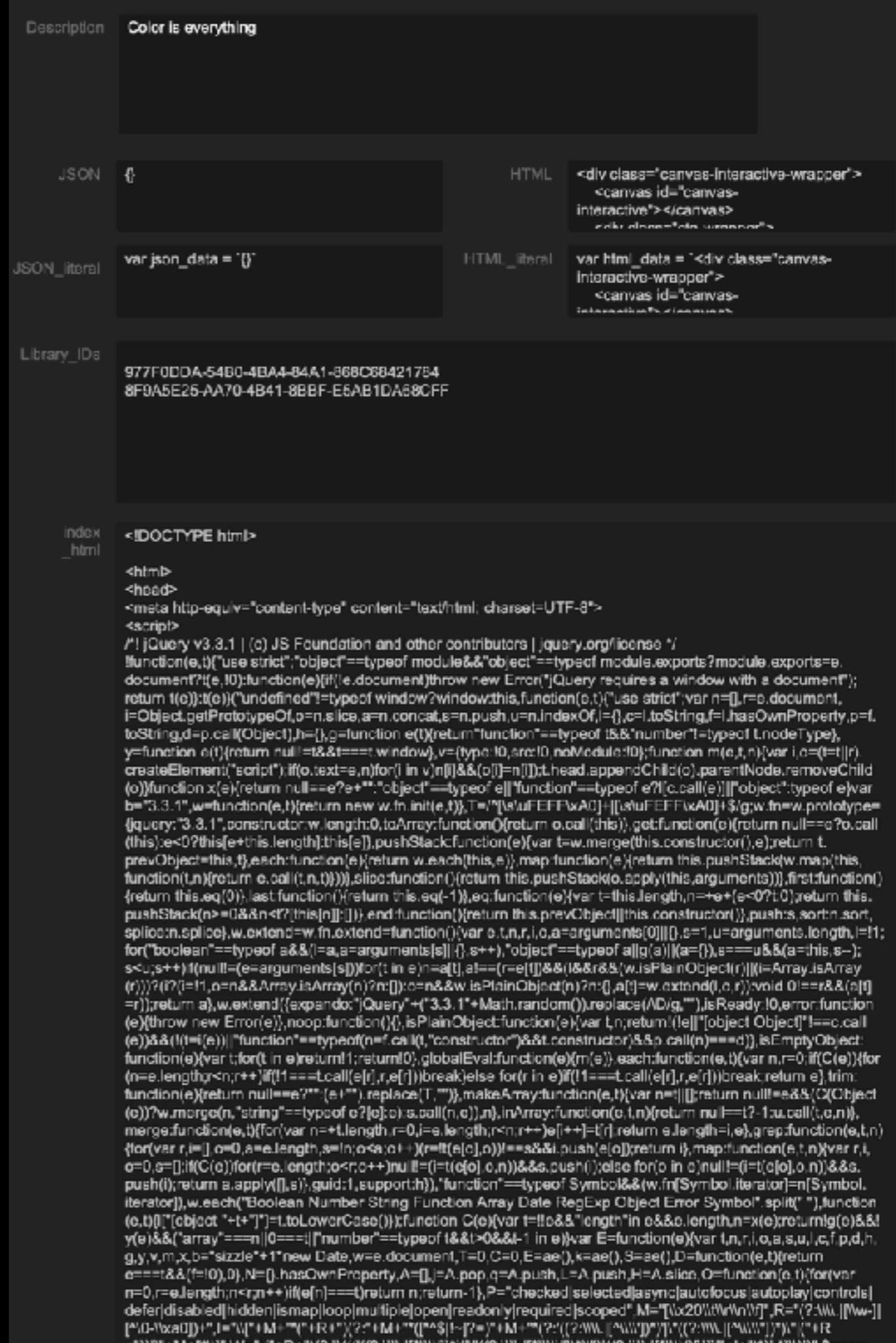
**Gunung Agung  
(Bali)**



**Angels Landing  
(Utah -USA)**

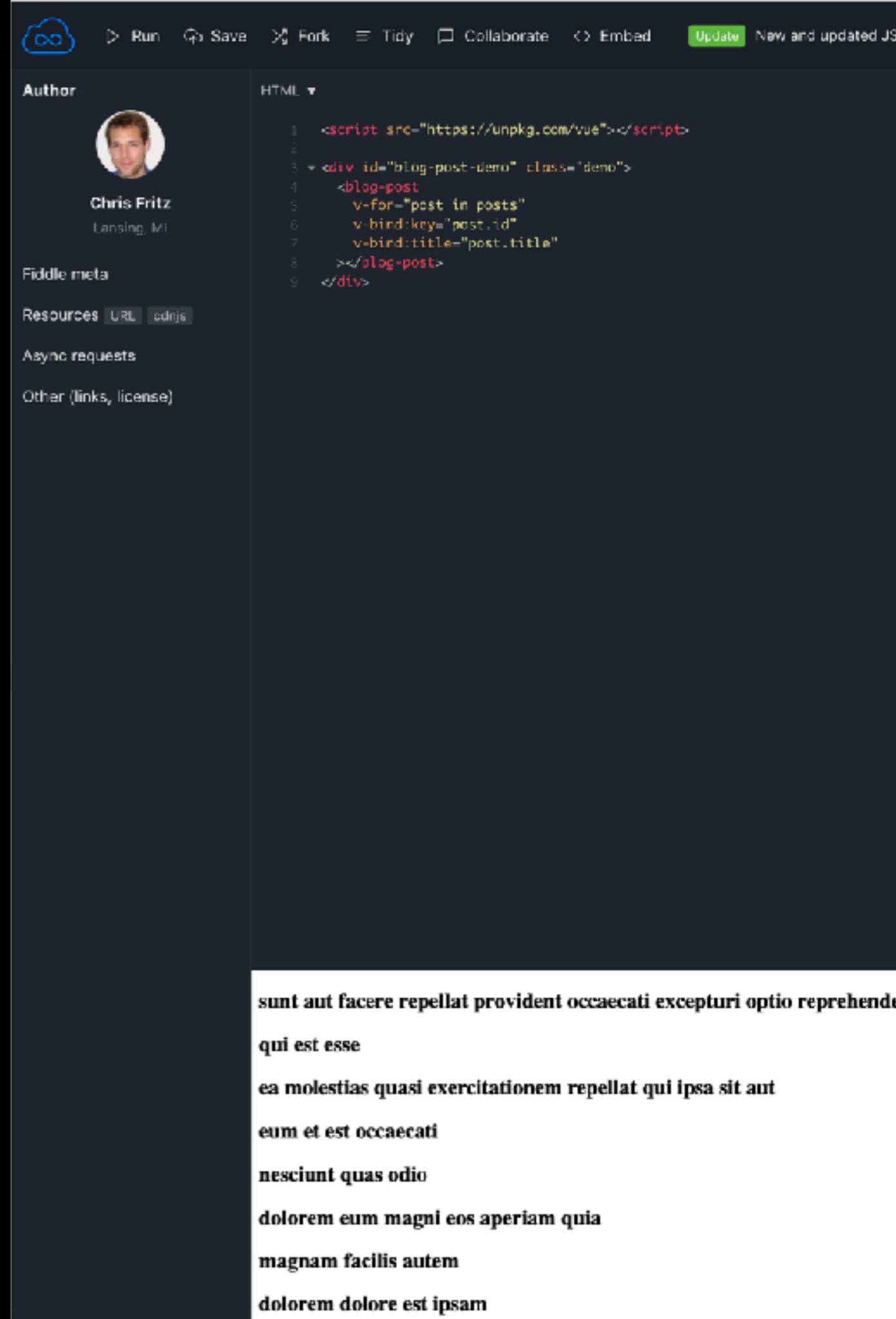
# WHY CREATING A CODE EDITOR USING FILEMAKER?

- Because I wanted to see **if it could be done**
- Editing code **w/o copy/paste-ing code** from FileMaker fields to external tools and back
- Maybe learning some **html/css/javascript** along the way



# THE START

- Project was inspired by [jsfiddle.net](https://jsfiddle.net)
- I found out that the framework behind many code editors (like jsfiddle) is [codemirror.net](https://codemirror.net)
- I walked through the documentation of codemirror and tried using it **within a webviewer**



The screenshot shows a webviewer interface. At the top, there are navigation buttons: Run, Save, Fork, Tidy, Collaborate, Embed, Update, and New and updated JS. Below the navigation is the Author section, which includes a profile picture of Chris Fritz, his name, and location (Lansing, MI). There are also sections for Fiddle meta, Resources (URL, ednjs), Async requests, and Other (links, license). The main content area is a code editor showing HTML code with Vue.js components. The code is as follows:

```
1 <script src="https://unpkg.com/vue"></script>
2
3 <div id="blog-post-demo" class="demo">
4   <blog-post
5     v-for="post in posts"
6     v-bind:key="post.id"
7     v-bind:title="post.title"
8   ></blog-post>
9 </div>
```

Below the code editor, there is a list of Latin words:

sunt aut facere repellat provident occaecati excepturi optio reprehendo  
qui est esse  
ea molestias quasi exercitationem repellat qui ipsa sit aut  
eum et est occaecati  
nesciunt quas odio  
dolorem eum magni eos aperiam quia  
magnam facilis autem  
dolorem dolore est ipsam

# FRAMEWORKS USED

- [split.js.org](https://split.js.org) for resizable code "windows"
- [jquery.com](https://jquery.com) for "stuff" 🧐
- [codemirror.net](https://codemirror.net) for basic editing capabilities
- 40+ add-ons for hinting, linting, searching, ...
- [fontawesome.com](https://fontawesome.com) for nice icons ☆

FMEDITOR BETA

# DEMO

The screenshot displays the fmEditor interface with the following components:

- Page meta:** Includes a search bar for "Think" and "Modern retro animation", a "Resources" section with a search for "JS anime.min.js", and a "Re-Load" button.
- JSON Data (stored in var "jsonData"):** Contains an empty object: `{}`.
- HTML:** Contains SVG code for a graphic with a grid of colored circles. The code includes classes like "k4", "blend t1", "blend t2", "blend h1", and "blend h2".
- JavaScript:** Defines an anime timeline and a setDash function. The timeline includes 14 animation objects with names like ".t1", ".t2", ".h1", ".h2", ".h3", ".h4", ".i1", ".i2", ".i3", ".i4", ".a1", and ".a2".
- CSS:** Defines styles for the body and a class named "isolate".



CHALLENGE  
EXCEPTED?

