

Happy February, everyone! Over the last month or so, we've seen Svelte and SvelteKit [develop at rapid speed](#), new community rules across the [Reddit](#), [GitHub](#) and [Discord](#), and quite a few amazing apps, tutorials and libraries.

Let's take a look...

Highlights from the Svelte changelog

- **3.45.0** brought a [new `allly` warning](#), [`allly-no-redundant-roles`](#), destructuring and caching fixes
- **3.46.0** added the much requested [`@const` tag](#) and [`style: directive`](#)
- Check out **3.46.1** - **3.46.3** for fixes to the `@const` tag and `style: directive`, along with a number of fixes to animations
- [AST output is now available in the Svelte REPL](#)

What's new in SvelteKit

- `inlineStyleThreshold` allows you to specify where inline stylesheets are inserted into the page ([Docs, #2620](#))
- `beforeNavigate` / `afterNavigate` lifecycle functions lets you add functionality before or after a page navigation ([Docs, #3293](#))
- Platform context can now be passed from adapters ([Docs, #3429](#))
- Hooks now have an `ssr` parameter in `resolve` to make it easier to skip SSR, when needed ([Docs, #2804](#))
- `$page.stuff` provides a mechanism for pages to pass data 'upward' to layouts ([Docs, #3252](#))
- Fallthrough routes let you specify where to route when an route can't be loaded ([Docs, #3217](#))

New configs

- Content Security Policy (CSP) is now supported for increased security when using inline javascript or stylesheets ([Docs, #3499](#))
- `kit.routes` config allows you to customise public/private modules during build ([Docs, #3576](#))
- `prerender.createIndexFiles` config lets you prerender index.html files as their subfolder's name ([Docs, #2632](#))
- HTTP methods can now be overridden using `kit.methodOverride` ([Docs, #2989](#))

Config changes

- `config.kit.hydrate` and `config.kit.router` are now nested under `config.kit.browser` ([Docs, 3578](#))

Breaking change

- use `Request` and `Response` objects in endpoints and hooks ([#3384](#))

Community Showcase

Apps & Sites

- [timb\(re\)](#) is a live music programming environment
- [Music for Programming](#) is a series of mixes intended for listening while `${task}` to focus the brain and inspire the mind
- [Team Tale](#) allows two authors to write the same story in a tag-team sort of fashion
- [Puzzlez](#) is an online place to play Sudoku and Wordle
- [Closed Caption Creator](#) makes it easy to add subtitles to your video on Windows, Mac and Google Chrome

- [SC3Lab](#) is a code generator for experimenting with svelte-cubed and three.js
- [Donkeytype](#) is a minimalistic and lightweight typingtest inspired by Monkeytype.
- [Above](#) is a visual routine timer built for the ADHD/autistic mind
- [base.report](#) is a modern research platform for serious investors
- [String](#) turns your Phone into a secure portable audio recorder, making it easy to capture and share personal notes, family moments, classroom lectures, and more
- [The Raytracer Challenge REPL](#) provides a live editor interface to configure a raytraced scene and render it live in any modern browser
- [awesome-svelte-kit](#) is a list of awesome examples of SvelteKit in the wild
- [Map Projection Explorer](#) lets you explore different map projections and explains their differences
- [Rubiks](#) is a Rubik's Cube simulator
- [Pianisto](#) is a working piano made with SVG, ToneJS and a lot of patience

Want to work on a SvelteKit site with others, [try contributing to the Svelte Society site!](#)

Learning and Listening

To Read

- [Accelerating Svelte's Development](#) by Ben McCann
- [Storybook for Vite](#)
- [Let's learn SvelteKit by building a static Markdown blog from scratch](#) by Josh Collinsworth
- [Building an iOS app with Svelte, Capacitor and Firebase](#) by Harry Herskowitz
- [Mutating Query Params in SvelteKit Without Page Reloads or Navigations](#) and [Workaround for Bubbling Custom Events in Svelte](#) by Mohamad Harith
- [How to build a full stack serverless application with Svelte and GraphQL](#) by Shadid Haque
- [How to Deploy SvelteKit Apps to Github Pages](#)
- [Creating a dApp with SvelteKit](#) by Anthony Riley
- [Comparing Svelte Reactivity Options](#) by Steve Lee

To Watch

- [Integrating Storybook with SvelteKit](#) and [Integrating FaunaDB with Svelte](#) by the Svelte Sirens
- [SvelteKit Crash Course Tutorial](#) by The Net Ninja
- [Svelte for Beginners](#) by Joy of Code
- [SvelteKit For Beginners | Movie App Tutorial](#) by Dev Ed
- [SvelteKit \\$app/stores](#) by lihautan
- [Sveltekit - Get All Routes/Pages](#) by WebJeda

To Listen To

- [New Year, New Svelte!?](#) from Svelte Radio
- [So much Sveltey goodness \(featuring Rich Harris\)](#) from JS Party
- [The Other Side of Tech: A Documentarian Perspective \(with Stefan Kingham\)](#) from Purrfect.dev

Libraries, Tools & Components

- [threlte](#) is a three.js component library for Svelte
- [svelte-formify](#) is a library to manage and validate forms that uses decorators to define validations
- [gQuery](#) is a GraphQL Fetcher & Cache for Svelte Kit
- [Unlock-protocol](#) is an integration to help login with MetaMask, Firebase, and paypal customers
- [AgnosticUI](#) is a set of UI primitives that start their lives in clean HTML and CSS
- [Vitebook](#) is a fast and lightweight alternative to Storybook that's powered by Vite
- [SwyxCat](#) is an opinionated blog starter for SvelteKit + Tailwind + Netlify. Refreshed for 2022!
- [svelte-themes](#) is an abstraction for themes in your SvelteKit app

- [svelte-transition](#) is a Svelte component to make using CSS class based transitions easier - ideally suited for use with TailwindCSS
- [Svelte Inview](#) is a Svelte action that monitors an element enters or leaves the viewport/parent element
- [svelte-inline-compile](#) is a babel transform that allows for a much more pleasant experience when testing svelte components using Jest and `@testing-library/svelte`
- [@feltcoop/svelte-mutable-store](#) is a Svelte store for mutable values with an `immutable` compiler option
- [headless-svelte-ui](#) is a group of headless components that can be used in building Svelte Apps.

Did we miss something? Need help bringing your next idea to life in Svelte? Join us on [Reddit](#) or [Discord](#).

See ya next month!