

This month, we felt a shift in the way SvelteKit handles page properties. The last holdout of the use-cases that required fallback routes, validating parameter properties, has been replaced by a more specific solution.

More on that, and what else is new in Svelte, as we dive in...

What's new in SvelteKit

- Param matchers allow you to check if a url parameter matches before rendering a page - replacing the need for fallback routes for this purpose ([Docs](#), [#4334](#))
- Explicit redirects can now be handled directly from endpoints ([#4260](#))
- `svelte-kit sync` ([#4182](#)), TypeScript 4.6 ([#4190](#)) and Vite 2.9 were released - adding non-blocking dependency optimization and experimental CSS source maps in dev mode as well as a number of bug fixes contributed by the SvelteKit team ([#4468](#))

New Config Options

- `outDir` fixes path issues in monorepos and other situations where the desired output directory is outside the project directory ([Docs](#), [#4176](#))
- `endpointExtensions` prevents files other than `.js` and `.ts` files from being treated as endpoints, unless you specify `endpointExtensions` ([Docs](#), [#4197](#))
- `prerender.default` lets you prerender every page without having to write `export const prerender = true` in every page file ([Docs](#), [#4192](#))

Breaking Changes

- Fallback routes have been removed. For migration tips, check out the PR ([#4330](#))
- `tabindex="-1"` is only added to `<body>` during navigation ([#4140](#) and [#4184](#))
- Adapters are now required to supply a `getClientAddress` function ([#4289](#))
- `InputProps` and `OutputProps` can now be typed separately in generated `Load` ([#4305](#))
- The `\$` character is no longer allowed in dynamic parameters ([#4334](#))
- `svelte-kit` package has been marked as experimental so changes to it after Kit 1.0 will not be considered breaking ([#4164](#))

New across the Svelte ecosystem

- Svelte: Lots of new types for TypeScript and Svelte plugin users - including `style:` directives and Svelte Actions ([3.46.4](#) and [3.46.5](#))
- Language Tools: Svelte project files are now importable/findable through references without having them imported in a TS file ([105.13.0](#))
- Language Tools: Region folding is now supported in html with `<!--#region-->` / `<!--#endregion-->` ([105.13.0](#))

Community Showcase

Apps & Sites built with Svelte

- [Launcher](#) is an open-source app launcher powered by SvelteKit, Prisma, and Tailwind
- [Paaster](#) is a secure by default end to end encrypted pastebin built with Svelte, Vite, Typescript, Python, Starlette, rclone & Docker.
- [Simple AF Video Converter](#) is an Electron wrapper around ffmpeg.wasm to make converting videos between formats easier

- [Streamchaser](#) seeks to simplify movie, series and documentary search through a centralized entertainment technology platform
- [Svelte Color Picker](#) is a simple color picker made with Svelte
- [ConcertMash](#) is a small website that interacts with the Spotify API and generates new playlists based on the upcoming concerts you're attending
- [Modulus](#) is a Design+Code Think Tank conceived with the main mission to evolve design and technology
- [Multiply](#) is an integrated PR and Social agency moving at the speed of culture
- [yia!](#) is a Young Innovator Award competition in New Zealand
- [Write to Russia](#) is a community email writing platform to communicate with public `.ru` email addresses
- [Markdown Playground](#) is an online playground dedicated for your markdown experiments.
- [RatherMisty](#) is a no frills weather app with weather data from Open-Meteo
- [Minecraft Profile Pic \(MCPEP\)](#) is a site to generate Minecraft profile pictures with ease
- [WebGL Fluid Simulation](#) is a configurable fluid simulation built with Svelte and WebGL
- [This @NobelPeaceOslo exhibition](#) was built using printed graphics, projected motion graphics, particle animations and generative sound design

Itching to contribute to a modern SvelteKit website? [Help build the Svelte Society site!](#)

Learning Resources

To Attend

- [Svelte Summit: Spring](#) will take place on April 30, 2022! Join us for the 5th virtual Svelte conference on [YouTube](#) and Discord 🗣️

To Read

- [Svelte\(Kit\) TypeScript Showcase + general TypeScript tips](#) by Hofer Ivan
- [Local constants in Svelte with the @const tag](#) by Geoff Rich
- [Design Patterns for Building Reusable Svelte Components](#) by Eric Liu
- [Svelte is better than React](#) by Hamilton Greene
- [Making Visualizations Literally with Svelte and D3](#) by Connor Rothschild
- [Coordinating Multiple Elements with Svelte Deferred Transitions](#) by Daniel Imfeld
- [Animate on scroll with Svelte Inview - Little Bits](#) by Maciek Grzybek
- [Lazy-Loading Firebase with SvelteKit](#) and [HeadlessUI Components with Svelte](#) by Captain Codeman
- [SvelteKit Accessibility Testing: Automated CI A11y Tests](#) by Rodney Lab
- [Getting Started with KitQL and GraphCMS](#) by Scott Spence
- [React ⇄ Svelte Cheatsheet](#) lists the similarities and differences between the two libraries - by Joshua Nussbaum

To Watch

- [Svelte Extravaganza | Async](#) by pngwn
- [6 Svelte Packages You Should Know](#) and [Basic React To Svelte Conversion](#) by LevelUpTuts
- [Page/Shadow Endpoint in SvelteKit](#) by WebJeda
- [Custom Svelte Store: Higher Order Store](#) by lihautan
- [SvelteKit For Beginners \(Playlist\)](#) by Joy of Code - follow along with the [blog guide](#)
- [Fullstack SvelteKit Auth 🍷 with Firebase & Magic Links!](#) by Johnny Magrippis
- [Firebase Authentication in SvelteKit! Full Stack App](#) by Ryan Boddy

Libraries, Tools & Components

- [SvelTable](#) is a feature rich, data table component built with Svelte
- [svelte-cyberComp](#) is a powerful, lightweight component library written in Svelte and Typescript
- [Flowbite Svelte](#) is an unofficial Flowbite component library for Svelte

- [Svelte-Tide-Project](#) is a starter template for Svelte frontend apps with Rust Tide backend server
- [Fetch Inject](#) implements a performance optimization technique for managing asynchronous JavaScript dependencies - now with Svelte support
- [svelte-utterances](#) is a lightweight comments widget built on GitHub issues
- [Liquivelte](#) allows you to create your Shopify theme with Svelte-like components
- [@storyblok/svelte](#) is the Svelte SDK you need to interact with Storyblok API and enable the Real-time Visual Editing Experience
- [@svelte-on-solana/wallet-adapter](#) is a modular TypeScript wallet adapter and UI components for Solana/Anchor applications using SvelteJS as framework
- [svelte-lookat](#) creates a div which makes all its children follow the mouse cursor or the user's face when using a mobile phone

Join us on [Reddit](#) or [Discord](#) to continue the conversation.

See y'all next month!