

As the northern hemisphere heats up, Svelte has stayed cool with lots of performance and bug fixes, better TypeScript support, and lots of new components & tools from around the ecosystem. Let's take a peek 🕶

New in SvelteKit

- `adapter-node` now precompresses assets using gzip & brotli ([#1693](#))
- Support for TypeScript transpilation has been added to the `svelte-kit package` tooling ([#1633](#))
- Improved caching defaults in `adapter-node` ([#1416](#))
- Allow configuring Rollup output options ([#1572](#))
- Fixed usage of SSL with HMR ([#1517](#))

Features & bug fixes from around svelte/*

- [Svelte 3.38.3](#) (released June 22) includes a bunch of performance and bug fixes - including hydration optimizations, `this` preservation in bubbled events, and more!
- The latest language tools releases added support for prop renaming from outside of a component, PostCSS syntax grammar, and a `.d.ts` output target in `svelte2tsx` which can be used to create type definitions from Svelte files.
- Also in language tools, some long-awaited experimental features for enhanced TypeScript support were added - including explicitly typing all possible component events or slots, and using generics. Have a look at [the RFC](#) for more details and leave feedback in [this issue](#) if you are using it.
- `svelte-scroller` got some quality-of-life fixes in 2.0.7 - fixing an initial width bug and updating its `index` more conservatively

Coming soon to Svelte

- Constants in markup ([RFC](#)): Adds a new `{@const ...}` tag that defines a local constant ([PR](#))

Community Showcase

Apps & Sites

- [SvelteThemes](#) is a curated list of Svelte themes and templates built using svelte, sveltekit, elderjs, routify etc.
- [Beatbump](#) is an alternative frontend for YouTube Music created using Svelte/SvelteKit.
- [Sveltuir](#) is an app help you memorize the guitar fretboard

Educational Content

- [Svelte Radio: A Jolly Good Svelte Summer](#) is a conversation about what's new in Svelte and a celebration of Svelte Radio's 1-year anniversary
- [Class properties in Svelte](#) is a refresher on the power of `class` for developers switching over to Svelte from React
- [Sveltekit Tutorial for Beginners](#) is a video playlist for learning SvelteKit by WebJeda
- [How To Cache Dynamic Pages On Demand With A Service Worker In SvelteKit](#) walks through the power of service workers when used within SvelteKit for on-demand caching
- [Vue vs Svelte: Comparing Framework Internals](#) dives deep into the differences between Vue and Svelte from the inside out
- [Setting up a development environment for SvelteKit with Docker and Docker Compose](#) walks through how to use Docker to create reusable development environments, no matter what kind of device you run your code on
- Scalable Scripts released three videos this month documenting how to deploy dockerized Svelte Apps to [AWS](#), [Azure](#) and [Google Cloud](#)

- [Render Katex with Svelte from zero to hero](#) demonstrates how to implement Katex in a Svelte project
- [Using Custom Elements in Svelte](#) shows some of the quirks to look out for when using custom elements in a Svelte site

Libraries, Tools & Components

- [svelte-pipeline](#) provides custom Javascript contexts and the Svelte Compiler as Svelte Stores, for REPLs, Editors, etc.
- [Sveltotron](#) is an Electron-based app made to inspect your Svelte app
- [svelte-qr-reader-writer](#) is a Svelte component that helps read and write data from QR codes
- [svelte-stack-router](#) Aims to make Svelte apps feel more native by routing with Stacks
- [svelte-typed-context](#) provides an interface which, when provided to `getContext` or `setContext`, allows for stricter types
- [svelte-modals](#) is a simple, flexible, zero-dependency modal manager for Svelte

Want to contribute a component? Interested in helping make Svelte's presence on the web better? Submit a Component to the Svelte Society site by making [a PR to this file](#) or check out [the list of open issues](#) if you'd like to contribute to the Svelte Society rewrite in SvelteKit.

See you next month!

Want more updates? Join us on [Reddit](#) or [Discord](#)!