

With the shortest month of the year coming up, Svelte maintainers and community members alike have been busy this last month – from big changes in `svelte-loader`, `prettier-plugin-svelte`, `rollup-plugin-svelte`, and `language-tools` to steady progress in Sapper and `svelte-preprocess`. Meanwhile, lots of folks have been busy integrating Svelte with other popular frameworks.

New compiler features

- Aria roles from the [WAI-ARIA Graphics Module](#) are now recognized as valid aria roles in Svelte components (**3.31.1**)
- Compiler warnings for the common React attributes, `className` and `htmlFor`, now make it easier to port React components to Svelte (**3.31.1**)

Have a suggestion for a compiler feature or want to help implement new features/bug fixes? Check out the ["triage: good first issue" tag for Svelte](#)

New bits in language-tools

- User disabled auto import suggestions no longer show in VS Code (**103.0.0**)
- Renaming a variable is now safer with smart additions of a prefix/suffix to renamed variables (**104.0.0**)
- Semantic (token) highlighting for TypeScript users lets theme makers apply semantic styling in their themes, if they support it (**104.0.0**)
- "Extract Component" has been added to the context menu - allowing you to extract components out of files without having to open the command window to type "Svelte: Extract Component" (**104.0.0**)
- The VS Code extension now listens to JavaScript/TypeScript file changes - you no longer need to save the files for the changes to be noticed (**104.1.0**)

For the complete list of changes, check out the language-tools [Releases page](#).

A great way to try the language tools is to download the [Svelte Extension for VSCode](#). This extension provides syntax highlighting and rich intellisense for Svelte components in VS Code, using the svelte language server. Check your editor's extension sources to see if there's a Svelte plugin for your IDE or build your own (see [coc-svelte](#) for example)!

Big improvements across the Svelte ecosystem

- [svelte-loader](#) released a major version, 3.0.0 - featuring Webpack 5 and Node 14 support, better hot reloading, and new `compilerOptions` to match `rollup-plugin-svelte`. Breaking changes include dropping Svelte 2 and Node 8 support. [More info in the changelog](#).
- [rollup-plugin-svelte](#) is now at version 7.x - with support for relative filenames, better handling of sourcemaps, and consistent `compilerOptions`. Be sure to [checkout the changelog](#) for breaking changes when upgrading
- [svelte-preprocess](#) iterated through some 4.6.x releases this month to improve postcss and scss handling and fix sourcemap transformation for typescript users. [More info in the changelog](#)
- [Sapper](#) got some improvements in scroll tracking and handling encoding query parameters. Dynamic imports also now work as expected in browsers that don't support ES modules. These changes from 0.29.0 and a step-by-step migration guide can be found [in the changelog](#).
- [prettier-plugin-svelte](#) version 2 was released. It received an overhaul and comes with a rewrite of the HTML formatting. The output is now much more in line with how standard Prettier formats HTML. Better defaults for `svelteBracketNewLine` and `options-scripts-markup-styles` should now match how the majority of users like to order the code blocks. Additionally, Prettier's `htmlWhitespaceSensitivity` setting is now supported. [More info in the changelog](#).

New changes to the Svelte Society website include [a new cheat sheet](#) for easy access to useful code patterns and some smaller visual fixes across the site. **Want to help make the Svelte Society website ready for prime time?** [Checkout the GitHub repo](#) to get started!

Community Showcase

Apps & Sites

- [The official German vaccination dashboard](#) tracks the current COVID vaccine rollout and features some well-done dataviz.
- [La neuva era de la educación conectada](#) is a Vodaphone site that highlights the ways that technology and COVID-19 has changed the education landscape
- [sho.rest](#) is a self-hostable url shortener
- [night.fm](#) is a cyberpunk-themed radio station

Demos, Libraries & Components

- [Svelte Reactive Debugger](#) is a way to monitor Svelte reactive statements in Firefox devtools
- [svelte-actions](#) is a set of prototype Svelte actions for inclusion into official actions in future. [See RFC](#) and [Discuss High Level Policy](#).
- [This css grid gallery](#) made by @joja (in the Svelte Discord) features grid transitions based on a user's mouse position
- [Patchcab](#) is a modular Eurorack style synthesizer made with Web Audio.
- [svelte-knob](#) is a knob control to help with speedometer-style visualization
- [descent-ripple](#) is a highly customizable javascript ripple animation for buttons
- [makeltSnow](#) is a Svelte action made by @MrPoule (in the Svelte Discord) that can be used to add ❄️ snow ❄️ to any component ([Demo](#))
- [svelte-video-player](#) is a customizable `VideoPlayer` component
- [svelte-readonly](#) is a very small store that exposes only a readable interface.

New Integrations & Starters

- [svelte-verver-starter](#) is a starter for baking fullstack application with the client based on Svelte and server side powered by Derver.
- [eleventy-plugin-embed-svelte](#) makes it easy to embed Svelte components into an 11ty site.
- [svelte-tailwind-extension-boilerplate](#) is a good foundation for a Chrome extension using either JavaScript or TypeScript, Svelte for the frontend, Tailwind CSS for styling, Jest for testing, and Rollup as the build system.
- [snowpack-ui](#) lets you run & manage Snowpack projects from the browser instead of the terminal
- [Svelte for Appwrite](#) explains how to integrate with Appwrite, a self-hosted Firebase alternative [Github Repo](#)
- [here-maps-svelte](#) makes it easy to include HERE maps in a Svelte app
- [p5-svelte](#) is an absolutely dead simple way of tossing the creative coding/sketching tool, p5, into a project
- [svelte-windicss-preprocess](#) is a Svelte preprocessor to compile tailwindcss at build time based on windicss compiler
- [MitzaCoder/svelte-boilerplate](#) features configurations for Typescript, TailwindCSS, IE11 compatibility (with Babel) and lazy loaded modules.

Want to share your Svelte Component with the world? Head over to the [Components](#) page on the Svelte Society site. You can contribute by making [a PR to this file](#).

Learning Resources

- [lihaunt's Svelte Actions Playlist](#) teaches how actions work and how they can help solve common problems when developing Svelte applications

- [One-click Portfolio/Personal blog generator from dev.to API](#) walks through creating a Sapper site that also fetches your articles from DEV.to using the API
- [How to Code a VSCode Extension](#) features Svelte as a way to render a custom UI within VSCode
- [This YouTube series on Plenti](#) walks through the new static site generator in detail

See you next month!

Want to add your work to the Showcase? Want to contribute to Svelte? Check out the [Svelte Society](#), [Reddit](#) and [Discord](#) to get involved!