

# What's new in Svelte: January 2021

Daniel Sandoval

Happy new year from Svelte! In the last month we made progress on Sapper's upcoming release, fine-tuned our `SvelteComponent` typings, and have seen some amazing apps, sites, and libraries coming out in the showcase.

## What's changed in Svelte?

A new minor release replaces the `SvelteComponent` class with a `SvelteComponentTyped` class. This renaming should help with backwards compatibility. We've updated last month's blog post to avoid any confusion with the name change.

If you're using `SvelteComponent` or the new `SvelteComponentTyped` in your project or library, let us know what you're using it for and we'll add it to the showcase!

## What's going on in Sapper?

More quality of life features are landing in the upcoming release every day. `0.29.0` will include new TypeScript definitions, fixes to scroll tracking and prefetching behavior, and improvements to the runtime router to support encoded query parameters.

If you're upgrading from `0.28.x`, check out the migration guide for steps on updating to Sapper `0.29`.

## Is SvelteKit ready yet?

To avoid too much churn during development, SvelteKit is still being worked on in a private repo. There will be an announcement on the Discord, blog and Twitter when it's ready for a larger group of users and contributors.

In the meantime, you can explore the current build by running `npm init svelte@next` from your command line.

As cautioned in *What's the deal with SvelteKit?*, there are no docs or support available yet... So use at your own risk / for your own enjoyment!

## Community Showcase

### Apps & Sites

- manitu.me is a background sound / pomodoro timer for focus and relaxation
- Answer Socrates helps you find trending questions on the internet so that you can write the most relevant blog post, tweet, or billboard
- multiris is a multiplayer Tetris game. You can read about its development [here](#)
- weather-ab compares the archive of weather in different cities of the world. Indispensable for people thinking about migration
- Game Nibs is a platform for gamers to find and share concise bite-sized bits of gaming advice, tips, tricks, screenshots, builds, and much more
- Ora is an open source website tracking and limiting tool for Chrome and Firefox
- vscode-dms is a group direct messaging chat app for VSCode
- Zero.2 is a math-based challenge game where you try to get to zero as quickly as possible
- Octave Compass is a chord table and scale explorer for many popular musical scales
- Infinite Walking Bass Generator 2 is an online music player that generates a unique walking bass line
- ListenAddict is a site that notifies you whenever a person has a new talk/interview on podcast

### Demos, Libraries & Components

- svelte-tiny-virtual-list speeds up long lists by only rendering visible items
- svelte-query is a collection of helpful hooks for managing, caching and syncing asynchronous and remote data
- svelte-previous is a svelte store to remember previous values - helpful for transitions or a quick undo stack
- Let's Build a Confetti Cannon explains how to build a particle system and integrate a Canvas based animation into a larger application
- svelte-micro is a one-component router
- svelte-standalone-router is a standalone router with an API based on standalone-router
- svelte-datepicker is a datepicker component with variations for time selection, date ranges and responsive themes
- svelte-slimscroll is a action for Svelte.js, which can transforms any div into a scrollable area with a nice scrollbar.
- Svelte Zoomable is a custom transition with a nice zoom effect

**Have a component you'd like to share?** Check out the Components page on the Svelte Society site. You can contribute by making a PR to this file.

### Learning Resources

- Using Svelte to create a scroll video effect showcases how the `bind` command

can be used to create a cool scroll video effect with very little code

- How to make a flappybird game in svelte and typescript is a video tutorial including docs and code for reference
- Accessible Svelte Transition walks through `prefers-reduced-motion` to make svelte transitions more accessible
- Svelte's module scripts explained is a great introduction to the module context, a common Sapper pattern
- Awesome Svelte is a curated list of Svelte resources
- .NET Core and Svelte explains how to get Svelte up and running with .NET Core
- A la découverte de Svelte JS is a svelte tutorial series in French!
- Svelte for React Developers explains Svelte's core concepts to folks who are used to React
- Building a Svelte Static Website with Smooth Page Transitions shows how to build a static website with Svelte and add smooth page transitions using Three.js and GSAP.
- Using Apollo Client in Sapper explains the "simplest" solutions to integrate the Apollo query client into Sapper
- Reactive web apps with Crystal + Svelte explores how to build full-stack, server-rendered Svelte apps with a Crystal backend

### Related Projects

- Snowpack's v3 release candidate is out now in preparation for a January 6 release date. Check out the Getting Started with Svelte for more info on how to use Snowpack.
- Uppy, the open source file uploader, announced Svelte support in its new version 1.24

### 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!