

Welcome to `gatsby@3.13.0` release (August 2021 #3)

Key highlights of this release:

- [Improved Changelogs](#) - Better structured and easier to read
- [sharp v0.29](#) - Reduced install size, improved encoding time, and improved AVIF image quality
- [Faster Sourcing for gatsby-source-drupal](#) - Speed up fetching data by around 4x
- [webpack Caching in Development for Everyone](#) - Activating it for all users

Also check out [notable bugfixes](#).

Bleeding Edge: Want to try new features as soon as possible? Install `gatsby@next` and let us know if you have any [issues](#).

[Previous release notes](#)

[Full changelog](#)

Improved Changelogs

While the release notes (like the one you're reading right now) are hand-written and manually published, the changelog of each package we publish has been autogenerated by `lerna` in the past and unfortunately the generated output wasn't ideal for users to consume. We know that developers love detailed and accurate changelogs so we decided to replace `lerna` behavior with our own tooling. In [PR #32884](#) we added these functionalities and the results are much better.

Take [gatsby-plugin-image changelog](#) as an example:

- Each semver release is its own heading (+ the date it was released)
- If applicable the general release notes are linked
- The PRs are categorized into features, bug fixes, chores, and other

sharp v0.29

As always, thanks to [lovell](#) for maintaining `sharp` and sending in the [PR #32851](#) to update `sharp` (see [sharp v0.29 changelog](#)) and our image plugins. `gatsby-plugin-sharp` now no longer uses `imagemin` but native `sharp` methods.

You'll get these benefits by upgrading:

- Reduced JPEG, PNG, and AVIF encoding time by up to 50%
- Reduced Gatsby install size/time by ~~10%~~ 19MB smaller on filesystem
- Improved AVIF image quality and will also work with Chrome 93+

Faster Sourcing for `gatsby-source-drupal`

You now can significantly speed up sourcing from your Drupal instance if you install [JSON:API Extras](#) and enable "Include count in collection queries" (`/admin/config/services/jsonapi/extras`). The [PR #32883](#) leverages that information to enable parallel API requests.

~~For a test site with 3200 entities and a warm Drupal cache (and no CDN cache), this change dropped sourcing time from 14s to 4s. On a very large production Drupal site (600k entities), fetching time for a cold build dropped from 2 hours to 30 minutes 🚀.~~

webpack Caching in Development for Everyone

After ramping up the opt-in of this feature to 20% in [v3.12](#) we're now enabling this feature for everyone! So webpack 5 built-in persistent caching is now enabled for everyone both in development and production. It allows webpack to reuse results of previous compilations and significantly speed up those steps.

Notable bugfixes & improvements

- `gatsby-source-drupal` : Provide an additional config option to specify entities that are not translatable to resolve to default language, via [PR #32548](#)
- `gatsby` : Remove the `removeDimensions` option from `svgo` config, via [PR #32834](#)
- `gatsby` : Hashes and anchors in redirects also work in production, via [PR #32850](#)
- `gatsby-plugin-gatsby-cloud` : Always create the `redirect.json` file even if you remove all redirects, via [PR #32845](#)
- `gatsby-remark-images` : Only convert supported image extensions, via [PR #32868](#)
- `gatsby-source-wordpress` : Compatibility with Parallel Query Running (PQR), via [PR #32779](#)
- `gatsby-core-utils` : Switch from deprecated `auth` option in `got` to `username / password` , via [PR #32665](#)
- `gatsby` : Don't log `FAST_DEV` messages multiple times, via [PR #32961](#)
- `gatsby` : Fix for "Static Query cannot be found" error, via [PR #32949](#)

Contributors

A big **Thank You** to [our community who contributed](#) to this release ❤️

- [glennforrest](#): Fix typo of wether to whether [PR #32797](#)
- [apmsouner](#): feat(gatsby-source-drupal): Default language when non translatable. [PR #32548](#)
- [jonniebigodes](#): chore(docs): Update Storybook guide with Addon [PR #32793](#)
- [bytriangle](#)
 - chore(docs): Remark plugin, add tip for gatsby clean [PR #32822](#)
 - chore(docs): Change example for using async in Remark plugin [PR #32874](#)
 - chore(docs): Add hint for MDX plugin in remark-plugin-tutorial [PR #32876](#)
- [vanessayuenn](#): chore(docs): Add title for image-plugin-architecture [PR #32803](#)
- [mundry](#): chore(docs): Fix typos throughout docs [PR #32807](#)
- [nategiraudreau](#): docs(gatsby-source-contentful) provide a code example for rendering rich-text embedded assets images [PR #32777](#)
- [Zemmez](#): gatsby-plugin-image: bump do-sync to v3 [PR #32808](#)
- [Dgiordano33](#): chore(docs): Change Jamstack Article [PR #32764](#)
- [SwiftWinds](#): chore(docs): Fix typo in v3.0 release notes [PR #32844](#)
- [ashiishme](#): chore(docs): Remove outdated information from Theme Guide [PR #32849](#)
- [facundojmaero](#): chore(docs): Fix typo in part 5 of the tutorial [PR #32854](#)
- [herecydev](#): fix(gatsby): Correct server type [PR #32853](#)

- [torn4dom4n](#): chore(docs): Fixes typo in tutorial part 4 [PR #32859](#)
- [lovell](#): feat(gatsby-plugin-sharp): reduce encoding time and install size [PR #32851](#)
- [frankpengau](#): chore(docs): Update Gallery example in tutorial part 2 [PR #32872](#)
- [AnilSeervi](#)
 - chore(docs): Fix CSS Modules extension typo [PR #32869](#)
 - chore(docs): Fix code highlighting in part 6 [PR #32900](#)
- [moinulmoin](#): chore(docs): Fix typo in tutorial part 6 [PR #32866](#)
- [Mike-Dax](#): chore(gatsby-remark-images): Only convert supported image extensions [PR #32868](#)
- [jablko](#): fix(gatsby): add react-com as devDep [PR #32865](#)
- [barrymcgee](#): Update docs on building eCom with Shopify to work with latest versions [PR #32884](#)
- [jfrosch](#): chore(docs): Update wording for "using-web-fonts" [PR #32902](#)
- [alvis](#): fix(gatsby): add this typings to actions [PR #32210](#)
- [satrix321](#): fix(gatsby-core-utils): Switch `auth` option from got to username/password [PR #32665](#)