Welcome to `gatsby@3.8.0` release (June 2021 #2)

Key highlights of this release:

- React 18 - Alpha - React 18 Alpha is available in Gatsby
- `gatsby-source-shopify` v5 - brand new version
- Web Vitals Tracking - Analytics Plugins now support tracking Web Vitals
- webpack caching - built-in persistent caching activated for everyone
- Improvements to Drupal integration — Sourcing is up to 30%+ faster and more reliable

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

React 18 - Alpha

Gatsby supports React 18 Alpha. It's still very early days but we like to be ahead of the pack. You can use `startTransition` and `stateBatching` today by installing `react@alpha` & `react-dom@alpha`. We love to get feedback in the Umbrella Discussion.

`gatsby-source-shopify` v5

Gatsby's new Shopify integration which we announced at GatsbyConf earlier this year is now generally available.

- Incremental data updates are now 16x faster than previous versions
- v5 uses Shopify's Admin API and bulk operation to overcome API rate limits of the Storefront API
- Gatsby Cloud now offers Quick Connect for Shopify

Read more

Web Vitals Tracking

We've added support for tracking Web Vitals to `gatsby-plugin-google-analytics` & `gatsby-plugin-google-tagmanager` by using the `web-vitals` package (PR #31665).

The plugins now send three metrics:

- **Largest Contentful Paint (LCP)**: measures loading performance. To provide a good user experience, LCP should occur within 2.5 seconds of when the page first starts loading.
- **First Input Delay (FID)**: measures interactivity. To provide a good user experience, pages should have a FID of 100 milliseconds or less.
- **Cumulative Layout Shift (CLS)**: measures visual stability. To provide a good user experience, pages should maintain a CLS of 1 or less.

You can activate the tracking in your `gatsby-config.js` by setting `enableWebVitalsTracking` to `true`.

webpack caching

In the [previous 3.7 release](#) we started a gradual rollout of webpack 5 built-in persistent caching. It allows webpack to reuse results of previous compilations and significantly speed up compilation steps. With Gatsby v3.8 it's now enabled for everyone.

Drupal integration

[gatsby-source-drupal](#) is now a lot faster and more reliable when sourcing data from Drupal. We switched to use [Got](#) for HTTP requests plus added an optimized http agent and http/2 support.

- [#31514](#)
- [#32012](#)

Notable bugfixes & improvements

- `gatsby-plugin-sitemap` : Properly throw error on missing siteUrl via [PR #31963](#)
- `gatsby` : Removed outdated ESLint rules `jsx-a11y/no-onchange` and `jsx-a11y/accessible-emoji` via [PR #31896](#)

Contributors

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

- [prajapati-parth](#): docs(gatsby-plugin-image): fix minor typo [PR #31751](#)
- [cometkim](#): fix(gatsby): fix signature for latest experimental version of react-dom [PR #31750](#)
- [lqze](#): chore(docs): Update gatsby-plugin-image typos [PR #31790](#)
- [dhrumilp15](#): chore(docs): Update digitalocean certbot instructions [PR #31796](#)
- [DanailMinchev](#): chore(docs): Add `testEnvironment` to RTL doc [PR #31793](#)
- [gmanfunky](#): chore(docs): Add link to latest migration doc [PR #31798](#)
- [lee1409](#): fix(gatsby-remark-copy-linked-files): replace checking parent node type to 'dir' [PR #31780](#)
- [smurrayatwork](#): Fixes bug where datum have no attributes and attributes have no langcode. [PR #31864](#)
- [ThyNameIsMud](#): fix(gatsby-source-wordpress) Use send property for timeout (#31737) [PR #31847](#)
- [eligundry](#): fix(gatsby-source-contentful): improve error message when dominant color can't be generated [PR #31879](#)
- [NikSchaefer](#): chore(docs): Fix grammar issue [PR #31937](#)
- [amaaniqbal](#): chore(docs): Fix multiple grammar issues [PR #31946](#)
- [nikolaik](#): docs: Fix missing commas in plugin-image defaults [PR #31961](#)