

Welcome to `gatsby@3.2.0` release (March 2021 #3)

Key highlights of this release:

- [Better `StaticImage` errors](#)
- [Adjustable ES Modules option for CSS Modules](#)
- [gatsby-source-contentful](#) - improved performance and other changes

Also check out [notable bugfixes](#).

Sneak peek to next releases:

- [Major bump of all remark plugins](#)

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](#)

Better `StaticImage` errors

For our new `gatsby-plugin-image` we also introduced `StaticImage` to allow quick usage of the image pipeline for images that are the same every time. But it comes [with some restrictions](#) that you need to think of.

To make using `StaticImage` easier the previous error message was adjusted to now also show the offending code and link to the relevant documentation.

```
ERROR #gatsby-plugin-image_95314

Error extracting property "src" from StaticImage component.
There are restrictions on how props can be passed to the StaticImage component. Learn more at https://gatsby.dev/static-image-props

49 |         <StaticImage
50 |           alt="My alt"
51 |           aspectRatio={1}
52 |           layout="constrained"
53 |           width={300}
54 |           placeholder="blurred"
> 55 |           src={offscreen}
    |           ~~~~~
56 |           transformOptions={{ fit: "cover", cropFocus: "attention" }}
57 |         />
58 |
59 |         {/* <hr />
60 |         <StaticImage src="https://placekitten.com/800/600" alt="Kitten" />;
61 |         <h1>Image format demo</h1>

File: src/pages/index.tsx:55:10

See our docs page for more info on this error: https://gatsby.dev/static-image-props

warn Missing StaticImage "src" in /Users/matt/Repos/sandbox/image-test/src/pages/index.tsx
success extract queries from components - 1.851s
```

Bonus: If you want to use `StaticImage` as a background image, read our [newly added docs](#).

Adjustable ES Modules option for CSS Modules

With the release of Gatsby v3 we made the choice to [import CSS modules as ES Modules](#) by default. This allows better treeshaking and smaller files as a result -- however, when using third-party packages that still expect CommonJS you'll need to work around this behavior to be able to migrate to Gatsby v3.

Together with v3.2 also new minors of `gatsby-plugin-sass`, `gatsby-plugin-less`, `gatsby-plugin-postcss`, and `gatsby-plugin-stylus` were released. You're now able to override the `esModule` and `namedExport` option of `css-loader` inside each plugin.

Please see the [migration guide](#) for an example.

gatsby-source-contentful@5.2.0

Features:

- The default limit when fetching data from Contentful was increased by 10 times. This will speed up build times.
- The [using-contentful](#) example got updated to Gatsby v3 and demonstrates how to use [gatsby-plugin-image](#) with Contentful.
- New e2e-contentful test suite to improve plugin reliability.

Fixes:

- Network errors are properly retried again.
- Set proper defaults when for `gatsby-plugin-image` (Constrained layout with dominant color as placeholder)
- Improved help when connection credentials are wrong
- Improved the docs and added more details about the `downloadLocal` config option

Notable bugfixes & improvements

- Be less aggressive about the [fs in SSR usage](#) warnings, now excluding `http(s).Agent` and `node-gyp-build` [PR #30216](#)
- Fixing rendering issues in `gatsby-plugin-image` with the placeholder and component itself [PR #30221](#)
- Documentation about [Debugging Incremental Builds](#) [PR #30329](#)
- Validate plugin options schema also for local plugins [PR #29787](#)

Next version: major bump of all remark plugins

Remark has had a significant [major upgrade](#) recently and changed the underlying parser. The ecosystem seems to have almost [caught up](#) since then, so we are going to release a new major version for all remark-related plugins soon.

We tried to make the upgrade effortless but there could still be subtle differences in output and edge cases. So please try pre-release versions of those plugins and [let us know](#) if you notice any inconsistencies or bugs.

Install the following canary versions of all remark packages that you have in your `package.json` :

```
gatsby-remark-autolink-headers@alpha-remark13
gatsby-remark-code-repls@alpha-remark13
gatsby-remark-copy-linked-files@alpha-remark13
gatsby-remark-custom-blocks@alpha-remark13
gatsby-remark-embed-snippet@alpha-remark13
gatsby-remark-graphviz@alpha-remark13
gatsby-remark-images-contentful@alpha-remark13
gatsby-remark-images@alpha-remark13
```

```
gatsby-remark-katex@alpha-remark13
gatsby-remark-prismjs@alpha-remark13
gatsby-remark-responsive-iframe@alpha-remark13
gatsby-remark-smartypants@alpha-remark13
gatsby-transformer-remark@alpha-remark13
```

[Umbrella discussion](#)

Contributors

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

- [misfist](#): chore(starters): Update WordPress blog README [PR #30209](#)
- [TngSam](#): chore(docs): Update using-web-fonts [PR #30243](#)
- [andrewrota](#): chore(docs): Fix link to markdown-syntax [PR #30239](#)
- [dhrumilp15](#)
 - chore(docs): Update deploying-to-digitalocean-droplet [PR #30205](#)
 - chore(docs): Update deploying-to-digitalocean-droplet [PR #30266](#)
- [pedrolamas](#): fix(gatsby-plugin-netlify): upgrade webpack-assets-manifest for compatibility with webpack@5 [PR #30217](#)
- [Elendev](#): chore(docs): Fix typo in createPages doc [PR #30343](#)
- [blenderskool](#): fix(gatsby): Add reporter.panic in empty catch in load-themes [PR #29640](#)
- [UgRoss](#): fix(gatsby): Fix wrong resolve id for CommentJson type [PR #30389](#)
- [larowlan](#): fix(drupal): Support forward revisions for Drupal paragraphs [PR #29289](#)
- [kamranayub](#): fix(gatsby): validate local plugin options schema [PR #29787](#)
- [JobenM](#): fix(gatsby-plugin-mdx): timeToRead returns NaN when word count is 0 [PR #30489](#)
- [axe312ger](#)
 - fix(gatsby-source-contentful): Improve network error handling [PR #30257](#)
 - chore(contentful): create compiled files in dist instead of . [PR #30414](#)
 - fix(examples): Update using-contentful to use gatsby-plugin-image [PR #29526](#)
 - build(using-contentful): add missing sharp dependency [PR #30546](#)
 - feat(gatsby-source-contentful): Increase Contentful sync by up to 10x [PR #30422](#)
 - fix(contentful): set proper defaults for gatsby-plugin-image [PR #30536](#)
 - feat(gatsby-source-contentful): update docs and improve errors [PR #30538](#)
 - fix(gatsby-source-contentful): Contentful page limit backoff [PR #30549](#)
 - fix(contentful): ensure fragments are properly distributed [PR #30555](#)
 - fix(using-contentful): clean up dependencies [PR #30556](#)