

v3.1 Release Notes

2021-03-16

Welcome to **gatsby@3.1.0** release (March 2021 #2)

Key highlights of this release:

- Fast Refresh Dark Mode
- Improved Error Messages
- Contentful **gatsbyImageData** is stable

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

Fast Refresh Dark Mode

Gatsby's Fast Refresh modal now respects the **prefers-color-scheme** setting from your operating system. Depending on your setting you'll see the overlay in light or dark mode – which is great because it makes the modal more accessible!

Improved Error Messages

We've seen many complaints about the unspecific error **"Error page resources for <path> not found. Not rendering React"**. There are many reasons why this could happen so we improved our error logging to output the original error. As usual you'll see the error in DevTools console or in your error tracker.

Consider the following example, it now shows the actual error.

```
if (typeof window === "undefined") {  
  throw new Error("GATSBY")  
}
```

```
export default function MyPage() {}
```



Figure 1: Showing a toggle between light and dark mode

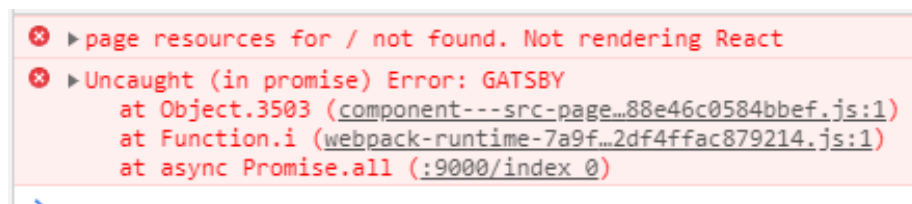


Figure 2: Browser console showing the actual error

In development mode we also now show the original error when it occurs in `gatsby-browser.js` or outside of React components.

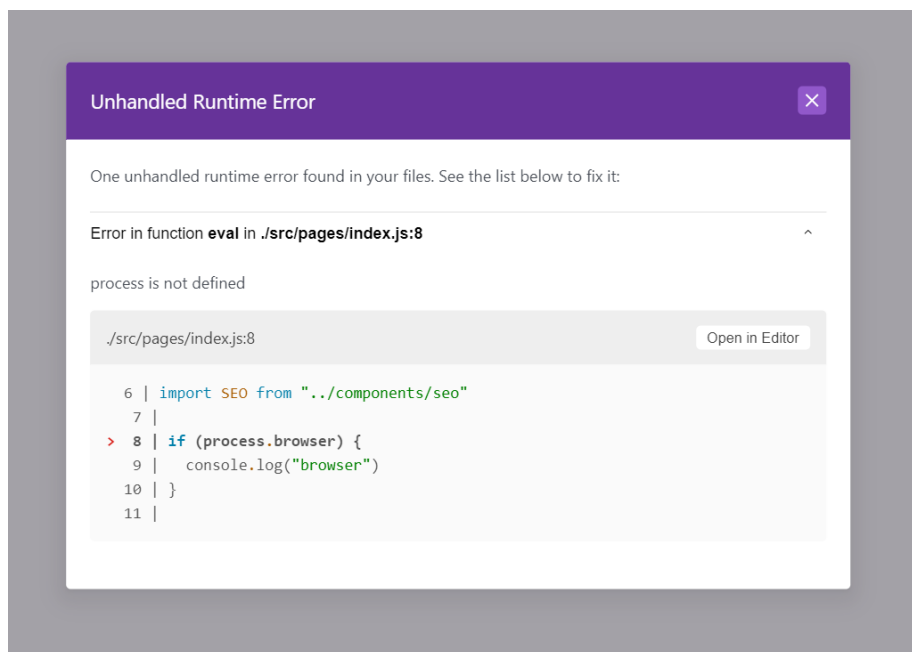


Figure 3: Fast Refresh overlay showing an error that happened outside of React

Contentful `gatsbyImageData` is stable

Contentful now fully supports `gatsby-plugin-image` out of the box. You can find the official docs for `gatsby-plugin-image` in `gatsby-source-contentful` the official contentful plugin docs

```
{
  allContentfulBlogPost {
    nodes {
      heroImage {
        gatsbyImageData(layout: FULL_WIDTH)
      }
    }
  }
}
```

You can find more information on how to switch to `gatsby-plugin-image` by going to our `gatsby-image` to `gatsby-plugin-image` migration guide

Notable bugfixes

- gatsby: Fix routing when path starts with @ symbol, via PR #29935
- gatsby: Fix incremental builds when remove trailing slashes is used, via PR #29953
- gatsby: Add build stage to custom babel-preset-gatsby configurations, via PR #30047
- gatsby: Fix hanging Gatsby process between webpack rebuilds in development, via PR 30127
- gatsby: fix SitePage schema, via PR #30132
- gatsby: fix double save during gatsby develop, via PR #30193
- gatsby-plugin-image: Handle placeholder in plugin toolkit correctly, via PR #30141
- gatsby-source-contentful: fix deprecation warnings, via PR #29675

Contributors

- visualfantic: docs(gatsby-plugin-subfont): correct property name PR #29803
- mottox2
 - fix(example): import styles as ESModules PR #29818
 - fix(example): import styles as ESModules in simple-auth PR #29823
 - fix(docs): update library link in docs PR #29819
- chrsep: fix: query on demand loading indicator always active on preact. PR #29829
- jbampton
 - chore: fix spelling, remove whitespace and fix link PR #29846
 - chore: fix spelling, remove whitespace and fix links PR #30012
 - chore: fix spelling, grammar, links, whitespace and end of files PR #30063
 - chore: make ./starters/upgrade-starters.sh executable PR #30102
- imshubhamsingh: chore(docs): updated doc for payment using square PR #27272
- ahmetcanaydemir: fix(gatsby-react-router-scroll): debounce function for scrollListener PR #26933
- talohana: chore(docs): add paths to unit-testing using typescript PR #28029
- hashimwarren: chore(docs): Update headless WordPress article PR #29402
- lorensr: chore(docs): Add twitter links to tutorial PR #29696
- herecydev: fix(gatsby): Add dir=ltr to Fast Refresh overlay PR #29900

- dan2k3k4: chore(docs): Fix link to /docs/conceptual/using-gatsby-image PR #29930
- lound: refactor(gatsby-transformer-remark): Refactors out Bluebird usage in transformer-remark PR #29638
- ahollenbach: docs: clarify env variable prefix in gatsby-source-filesystem docs PR #30013
- Swarleys: docs(gatsby-plugin-image): fixing a typo. PR #29994
- samlogan: fix(gatsby-plugin-image): broken documentation links PR #30065
- KarlBaumann: chore(gatsby-source-wordpress): Remove version from README PR #30056
- Vazerthon: chore(docs): Add link to art direction docs PR #30041
- magnusdahlstrand: chore(gatsby-plugin-postcss): Update README to show correct usage PR #30035
- feedm3: chore(docs): set process polyfill correctly PR #30160
- axe312ger: contentful <3 gatsby v3 PR #29675
- machadoluiiz: fix(docs): update conceptual gatsby image doc PR #30175
- dhrumilp15: chore(docs): Update deploying-to-digitalocean-droplet PR #30161
- nop33: chore(docs): Fix typo in migration guide PR #30197