

Welcome to `gatsby@4.7.0` release (February 2022 #1)

Key highlights of this release:

- [trailingSlash Option \(Beta\)](#) - Now built into the Framework itself
- [Faster Schema Creation & createPages](#) - Speed improvements of at least 30%

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](#)

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## trailingSlash Option

*Currently in Public Beta*

Through the RFC [Integrated handling of trailing slashes in Gatsby](#) we've worked on making the trailing slashes feature a first-class citizen in Gatsby. We're happy to announce that `gatsby-config` now supports a `trailingSlash` configuration with these three main options:

- `always` : Always add trailing slashes to each URL, e.g. `/x` to `/x/` .
- `never` : Remove all trailing slashes on each URL, e.g. `/x/` to `/x` .
- `ignore` : Don't automatically modify the URL

You can set it like this:

```
module.exports = {
  trailingSlash: "always"
}
```

Throughout Gatsby 4 the default setting for `trailingSlash` will be `legacy` (to keep the current behavior) but with Gatsby 5 we'll remove the `legacy` setting and make `always` the default. Please note that these plugins are considered deprecated now: [gatsby-plugin-force-trailing-slashes](#) and [gatsby-plugin-remove-trailing-slashes](#).

Gatsby Cloud supports this new setting out of the box and also uses `301` redirects to bring visitors to the right location. Locally you can use `gatsby serve` to see the behavior. Any other hosting provider (or if you're managing this on your own) should follow the "Redirects, and expected behavior from the hosting provider" section on the [initial RFC](#).

If you're unit testing `gatsby-link` you'll need to update the `moduleNameMapper` option to include `gatsby-page-utils`, see [Unit Testing documentation](#) for more details.

The information presented here is also available in the [gatsby-config docs page](#) and in the [PR #34268](#) that implemented this.

Please share your feedback and any issues you encounter directly into the [corresponding discussion](#).

## Faster Schema Creation & createPages

We've seen a handful of sites struggling with long `schema building` and `createPages` steps. In this release, we've upgraded our external `graphql-compose` dependency to v9 to improve these steps by at least 30-50% for schemas/queries with many relationships. For example, one of our customers has seen improvements for `createPages` of 786s to 20s. This update is recommended to everyone and doesn't necessitate any changes on your end.

More information can be found in the [PR #34504](#).

## Notable Bugfixes & Improvements

- `gatsby` :
  - Handle `export const` syntax in pages and don't remove `config` exports in non-pages, via [PR #34581](#) & [PR #34582](#)
  - Fix an issue using a `eq: $id` filter with files, via [PR #34693](#)
- `gatsby-plugin-fullstory` : Updated snippet, via [PR #34583](#)
- `gatsby-core-utils` : Remote file downloads are now queued properly for all cases, via [PR #34414](#)
- `gatsby-plugin-preact` : Fix alias for `react-dom/server` , via [PR #34694](#)
- Added a `vanilla-extract` example project, via [PR #34667](#)

## Contributors

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

- [josephjosedev](#)
  - chore(docs): typo fix [PR #34565](#)
  - chore(docs): Update starters doc [PR #34614](#)
- [axe312ger](#)
  - fix(react-docgen): run user handlers before default ones [PR #34286](#)
  - fix: ensure remote file downloads are queued in all cases [PR #34414](#)
  - fix(contentful): support Content Types named Tag [PR #34585](#)
  - test: clean up and refactor Contentful unit tests [PR #34584](#)
  - Fix: Contentful warm builds [PR #34678](#)
- [seanparmelee](#)
  - fix(gatsby-plugin-fullstory): update snippet [PR #34583](#)
  - chore(docs): fix links to repo instructions [PR #34629](#)
  - chore(docs): fix links on styling-css page [PR #34390](#)
- [millette](#): chore(gatsby-source-wordpress): Add WGraphQL WPML [PR #34609](#)
- [jeffreyyvdhondel](#): feat(gatsby-plugin-google-gtag): add selfHostedOrigin option [PR #34352](#)
- [Rutam21](#): fix(gatsby): fixes stacktraces from async functions break error reporting [PR #33712](#)
- [rschristian](#): fix(gatsby-plugin-preact): Adding missing alias for `react/jsx-runtime` [PR #34666](#)
- [tamaosa](#): fix(gatsby-plugin-preact): Fix alias for react-dom/server [PR #34694](#)- [ollybenson](#): chore(docs): Update gatsby-plugin-image to mention local data source [PR #34426](#)
- [rileyjshaw](#): chore(docs): update PurgeCSS instructions for Tailwind 3 [PR #34726](#)
- [xaviemirmon](#): chore(docs): Update "Debugging HTML builds" to include `getServerData` [PR #34631](#)
- [marceloverdijk](#): chore(docs): Added required `type` attribute to resolver [PR #34716](#)
- [cameronbraid](#): chore(docs): Update `transformOptions` defaults [PR #34713](#)