Welcome to `gatsby@4.9.0` release (March 2022 #1)

Key highlights of this release:

- [Support for TypeScript in `gatsby-config` and `gatsby-node`](#)

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](#)

Support for TypeScript in `gatsby-config` and `gatsby-node`

In the last release we added [support for TypeScript in `gatsby-browser` and `gatsby-ssr`](#) and as a follow-up we're introducing a much requested feature: Support for TypeScript in `gatsby-config` and `gatsby-node` 🎉

When you try it out in your project, please give us feedback in the [accompanying RFC](#) on what you like, what doesn't work, and what you like to see in the future. **Note:** There are currently [some limitations](#) that you'll need to be aware of. In the [RFC](#) you can also read why we chose [Parcel](#) for this feature and how we did it.

You can learn everything about this new feature on the [TypeScript and Gatsby documentation page](#) but here are two small examples of `gatsby-config` and `gatsby-node` with TypeScript:

```
import type { GatsbyConfig } from "gatsby"

const config: GatsbyConfig = {
  siteMetadata: {
    title: "Your Title",
  },
  plugins: [],
}

export default config
```

```
import type { GatsbyNode } from "gatsby"

type Person = {
  id: number
  name: string
  age: number
}

export const sourceNodes: GatsbyNode["sourceNodes"] = async ({
  actions,
  createNodeId,
  createContentDigest,
}) => {
  const { createNode } = actions
```

```
    const data = await getSomeData()

    data.forEach((person: Person) => {
      const node = {
        ...person,
        parent: null,
        children: [],
        id: createNodeId(`person__${person.id}`),
        internal: {
          type: "Person",
          content: JSON.stringify(person),
          contentDigest: createContentDigest(person),
        },
      }

      createNode(node)
    })
}
```

You can also check out the [using-typescript](#) and [using-vanilla-extract](#) examples!

Migrating away from old workarounds

This list is probably incomplete. If you've used another workaround in the past, add it to this document by using the "*Edit on GitHub*" *button at the bottom.*

- `ts-node` : By having both a `gatsby-config.js` and `gatsby-config.ts` (where `gatsby-config.js` registers `ts-node`) you were able to use TypeScript. You'll need to remove the `gatsby-config.js` file, `ts-node` dependency, and address any of the [current limitations](#). When both a `gatsby-config.js` and `gatsby-config.ts` exist the `.ts` file will now always take precedence.

Notable bugfixes & improvements

- `gatsby`
  - Cache date formatting in LMDB cache for speed improvements, via [PR #34834](#)
  - Batch page dependency actions for speed improvements, via [PR #34856](#)

Contributors

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

- [0xflotus](#)
  - fix: small typo error [PR #34848](#)
  - chore(gatsby-plugin-image): update readme typo [PR #34847](#)
- [jamatz](#): docs(gatsby): GatbsyImage -> GatsbyImage [PR #34914](#)
- [brherr](#): Update gatsby-config.js [PR #34924](#)
- [benackles](#): chore(docs): Update link to "How to create a Gatsby Starter" [PR #34937](#)