



**Gatsby**

## DATA SOURCES

### CMSs

Contentful, Drupal,  
WordPress, etc.

### Markdown

Documentation, Posts,  
etc.

### Data

APIs, Databases, YAML,  
JSON, CSV, etc.

...

BUILD

...



powered by  
GraphQL 

...

HTML · CSS · React 

...

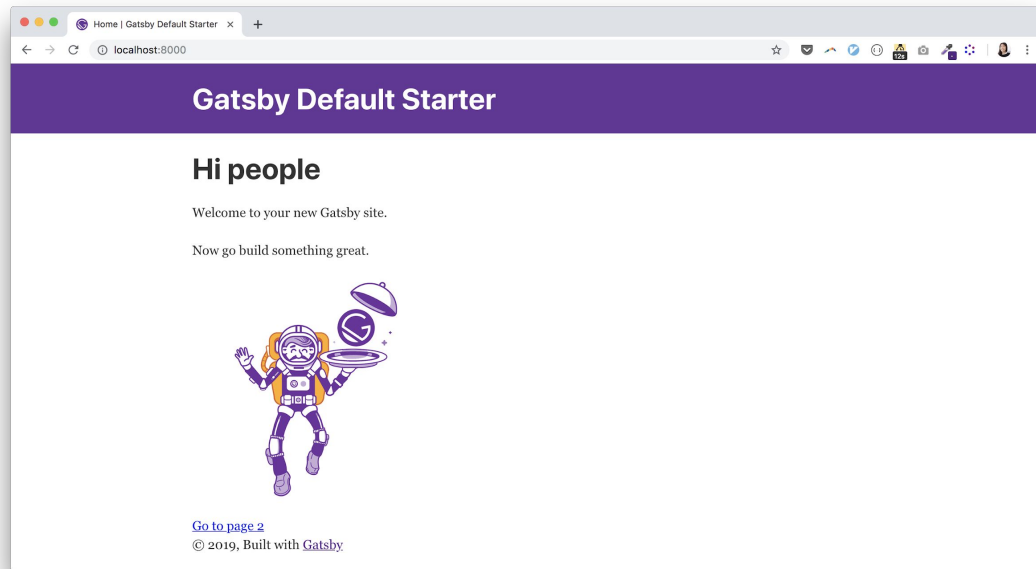
DEPLOY

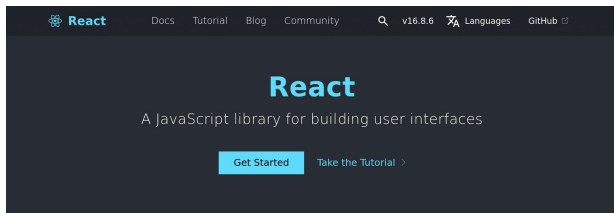
### Static Web Host

[AWS Amplify](#), [Netlify](#), [GitHub Pages](#), [Surge.sh](#), [Aerobatic](#), [Now.sh](#) & many more

```
ashleychen-mac:Desktop ashleychen$ gatsby new gatsby-site
info Creating new site from git: https://github.com/gatsbyjs/gatsby-starter-default.git
Cloning into 'gatsby-site'...
remote: Enumerating objects: 1441, done.
Receiving objects: 28% (404/1441)
```

```
ashleychen-mac:Desktop ashleychen$ cd gatsby-site/
ashleychen-mac:gatsby-site ashleychen$ gatsby develop
```





#### Declarative

React makes it painless to create interactive UIs. Design simple views for each state in your application, and React will efficiently update and render just the right components when your data changes.

Declarative views make your code easier to read and

#### Component-Based

Build encapsulated components that manage their own state, then compose them to make complex UIs.

Since component logic is written in JavaScript instead of templates, you can easily pass rich data through your app and keep state out of the DOM.

#### Learn Once, Write Anywhere

We don't make assumptions about the rest of your technology stack, so you can develop new features in React without rewriting existing code.

React can also render on the server using Node and now

## Airbnb Engineering & Data Science

Creative engineers and data scientists building a world where you can belong anywhere

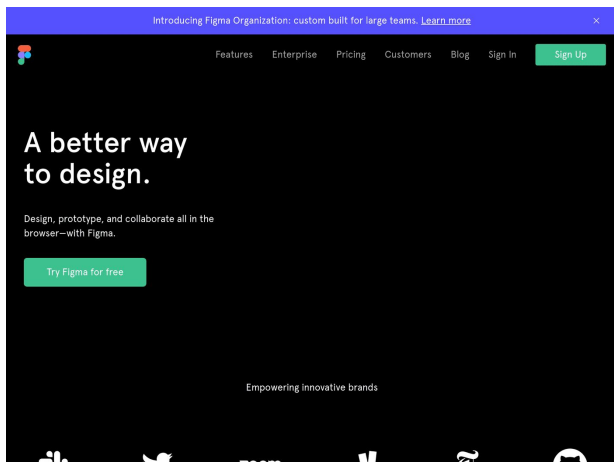


### New Data Scientists: Tips for Success

by lindsay m pettingill



# Built From GatsbyJS



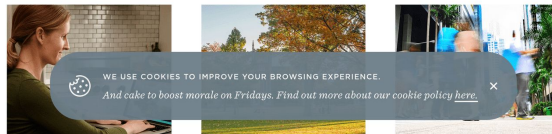
## IDEO

# Work Blog

IDEO is a global design company. We create positive impact through design.

WANT TO TALK?

[CONTACT US](#)



# Why we chose GatsbyJS





## gatsbyjs/gatsby is licensed under the MIT License

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### Permissions

- ✓ Commercial use
- ✓ Modification
- ✓ Distribution
- ✓ Private use

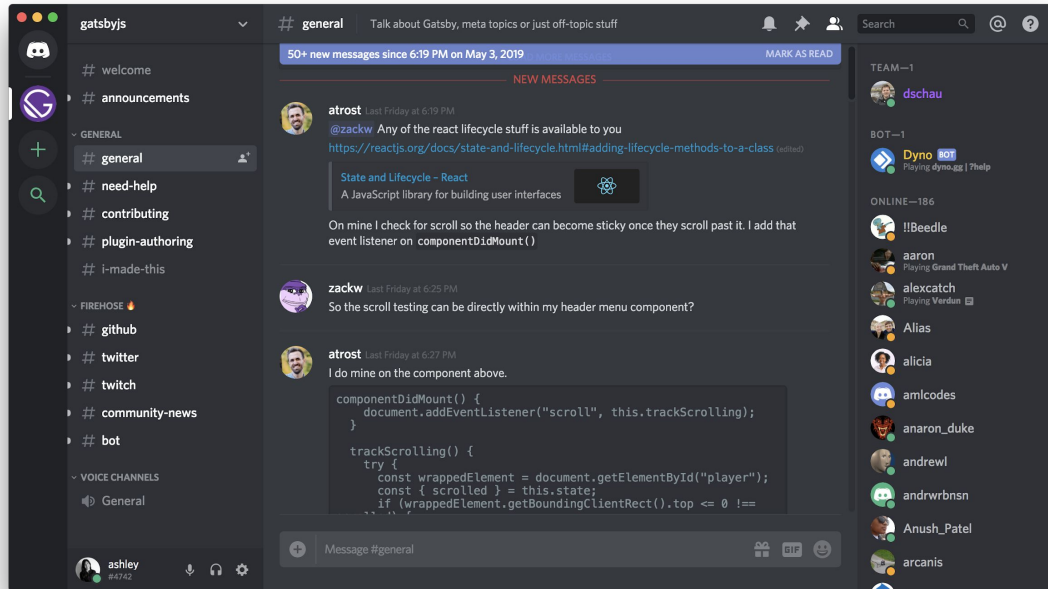
### Limitations

- ✗ Liability
- ✗ Warranty

### Conditions

- ℹ License and copyright notice

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As our way of saying “thank you” to our contributors, **all contributors are eligible for [free Gatsby swag](#)** — whether you’re contributing code, docs, a talk, an article, or something else that helps the Gatsby community. [Learn how to claim free swag for contributors.](#)

# Community

gatsbyjs / gatsby

Watch 808 Star 34,488 Fork 4,900

Code Issues 402 Pull requests 88 Projects 3 Insights

Build blazing fast, modern apps and websites with React <https://www.gatsbyjs.org>

gatsby static-site-generator react blog documentation-tool web-app compiler graphql

9,279 commits 154 branches 6,254 releases 1,946 contributors MIT

Branch: master New pull request Create new file Upload files Find File Clone or download

victorbjorklund and LekoArts chore(showcase): Add Årets Kontor (#13926) Latest commit 3281ee7 5 hours ago

.circleci	test: re-add Node12 CircleCI unit tests job (#13840)	5 days ago
forestry	chore(docs): add pullquote snippet for Forestry CMS (#12732)	2 months ago
.github	Add high-priority-prs action (#13848)	4 days ago
benchmarks	refactor: (gatsby-plugin-manifest) misc code and doc updates (#12757)	a month ago

- 1,946 contributors
- 9,279 commits
- 6,453 merged pull requests

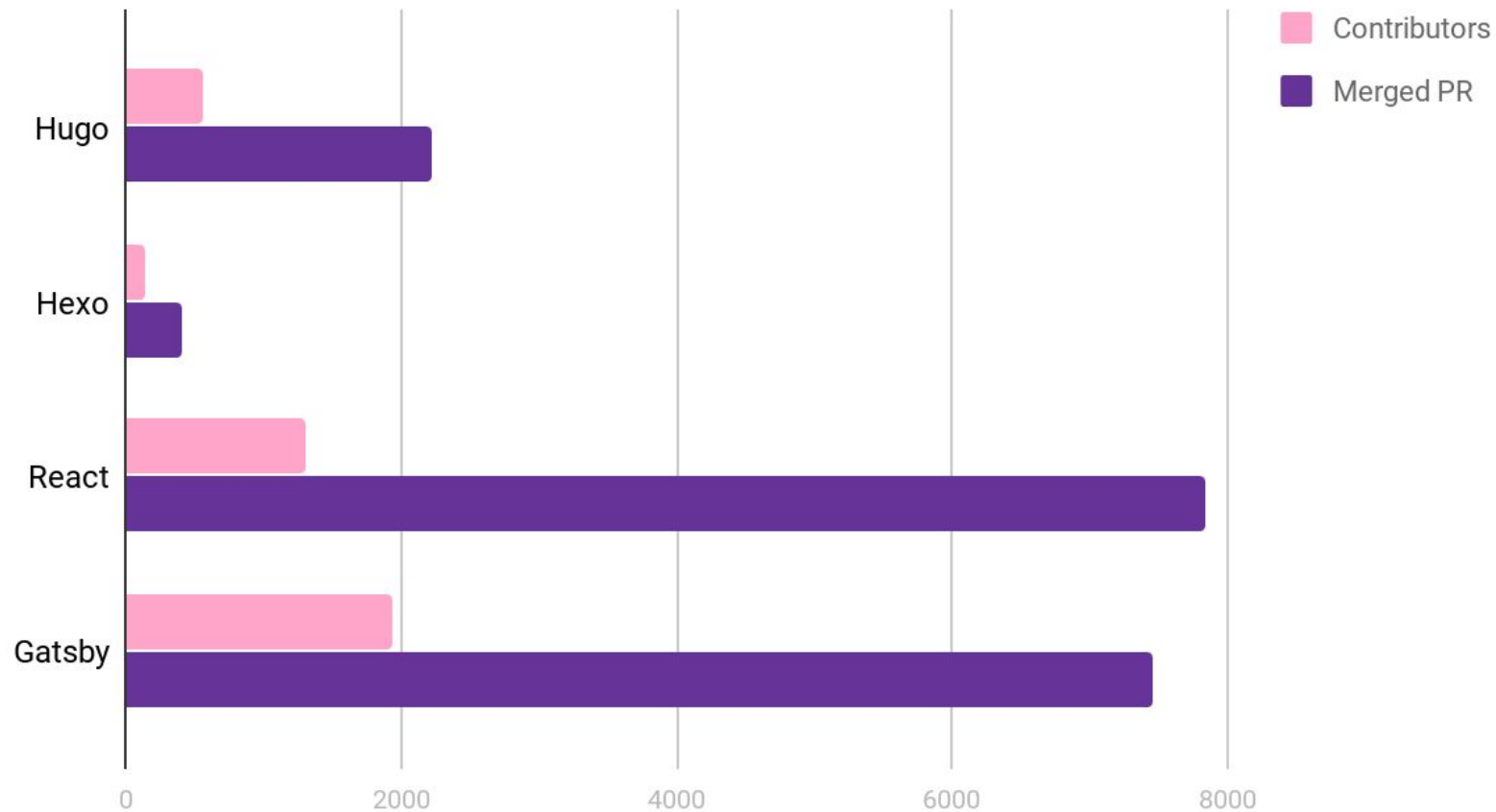


# What is special about GatsbyJS?

- 18 test checks
  - GatsbyBot, CircleCI, and Azure
- Workflow is fully transparent
- Relies on Bot to maintain issues and pull requests



## Comparing Gatsby to other OSS



## Added IDEO as a featured showcase site #13860

**Merged** KyleAMathews merged 2 commits into `gatsbyjs:master` from `unknown repository` 2 days ago

Conversation 2 Commits 2 Checks 2 Files changed 1

+12 -0 

## chore(gatsby-cli): Improve Flow annotations for reporter #13743

**Merged** wardpeet merged 4 commits into `gatsbyjs:master` from `mpartipilo:master` 5 hours ago

Conversation 6 Commits 4 Checks 2 Files changed 2 Status: Merged

+39 -7 

## Ensure a consistent schema for gatsby-plugin-documentationjs and add TypeScript support #13692

**Merged** freiksenet merged 2 commits into `gatsbyjs:master` from `devongovett:documentationjs-schema` 7 days ago

Conversation 9 Commits 2 Checks 2 Files changed 1

+93 -3 



KyleAMathews approved these changes 14 days ago

KyleAMathews left a comment

Contributor

Thanks!



DSchau approved these changes 5 days ago

[View changes](#)

DSchau left a comment

Contributor



Nicely done Kyle--thank you!



1

[View changes](#)



johno approved these changes 10 days ago

johno left a comment

Member



Nice catch, thank you!



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LekoArts commented 4 days ago

Contributor



Thanks so much for the PR!

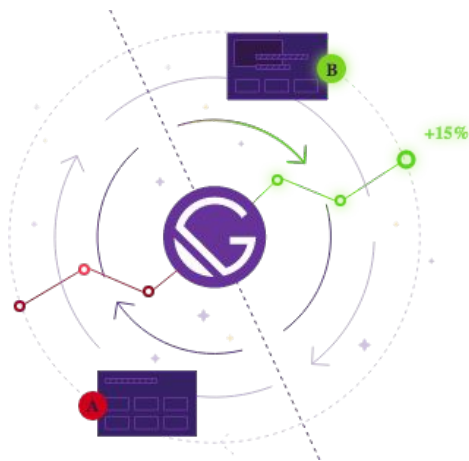
Unfortunately, we're not going to merge this at this time. Our site showcase demonstrates the vast array of vibrant, novel, and unique web apps our users are building with Gatsby. While your app is no less fitting than any other, we do want to hold submissions to a standard that they should be sufficiently different than other, existing starters or a default starter.

As such--we're going to close this out. We want you to know that we certainly want to keep you as a contributor to Gatsby (and thanks again for *using* Gatsby for your great application!), so we'd encourage you to check out our [open issues](#).

Thanks again, and we look forward to seeing more PRs from you in the future! 💪💜



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# Our Contributions



# Internal Bug Tracker

A	B	C	D	E	F	G	H	I
Issue No	Title	Summary of issue	Link to Issue	Claimed?	Interested?			Pull Request
					Maya	Ashley	Hassan	
#12858	Don't create .git if project is created into existing git repo	When creating a new site using `gatsby new mysite`, a new git repo is initialized even if the folder is within an existing git repository	<a href="#">om/gatsbyjs/gat</a>	Yes	Yes			
# 12702	gatsby-plugin-subfont file paths isn't escaped in execSync command	Resolve failed plugin install on directories with namespace	<a href="#">om/gatsbyjs/gat</a>					
#12836	gatsby image fadeIn duration	Gatsby image placeholder fade in takes a boolean as an argument, rather than an integer representing duration	<a href="#">om/gatsbyjs/gat</a>					
#11963	Bad content loaded from markdown when files have si	Check out routing to see what greedy regex is making this not work	<a href="#">om/gatsbyjs/gat</a>			Yes		
#13083	Document Location prop   NR	the location prop available on all gatsby pages is not well documented. It likely should be documented in the routing section of the docs.	<a href="#">om/gatsbyjs/gat</a>					
		With this, we can reference how people can use the location prop to create conditional workflows in their gatsby pages.						
#13076	Global vs local gatsby-cli --version inconsistency	There is a small inconsistency in getsby-cli. Global installed one shows version of gatsby-cli but local one (from projects node_modules/) shows version of gatsby package instead.	<a href="https://github.com">https://github.com</a>				Yes	
#13649	more links between the pages in section 'community'	i miss some crosslinks in section community at the pages. i think in	<a href="https://github.com">https://github.com</a>				Yes	



**Sebastien Lorber** @sebastienlorber · Mar 25

@gatsbyjs @kylemathews just created a new gatsby site and it includes a .git folder it seems, is this normal?



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2



**Kyle Mathews** @kylemathews · Mar 25

we added it recently

I guess it was surprising? As in you not like it? Or is just different than what happened in the past?



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**Sebastien Lorber** @sebastienlorber · Mar 25

It was surprising because as I'm trying to add a new gatsby project to an existing git repo, git showed me errors like "you are trying to add a submodule" and did not let me add the project



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**Kyle Mathews**

@kylemathews

Follow

Replying to @sebastienlorber @gatsbyjs

ugh, that's definitely a bug :-(

We should check we're not in a git repo before trying to initialize one.

Could you file an issue?

10:23 AM - 25 Mar 2019

# [gatsby-cli] Don't create .git if project is created into existing git repo #12858



mayaarguelles commented on Mar 27



can i work on this?



DSchau commented on Mar 27

Contributor



@mayaarguelles that'd be great, thanks!



DSchau added the **status: assigned** label on Mar 27



mayaarguelles referenced a pull request that will close this issue on Apr 3

fix(gatsby-cli): Only init git repository if no git repository exists #13096

Open



mayaarguelles commented on Apr 3



## Description

This checks the working directory to see if an existing git repository exists when `gatsby new mysite` to prevent generating nested `.git` folders. If no `.git` folder is found backtracking through the working directory's path, a new git repository is initialized.

## Related Issues

Fixes [#12858](#)



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ashley and others added some commits on Apr 1

- Added path normalize and check for win32 base f872170
- Changed path root check 938a0b0
- Only report git init if actually initiating git ✗ 80211f3
- Only report git init if actually initiating git 38e0d43
- Merge branch 'master' of <https://github.com/nyu-ossd-s19/gatsby> ✗ 9f5b561



mayaarguelles marked this pull request as ready for review on Apr 3





muescha commented on Apr 3

Contributor



maybe just run (solutions from stack overflow):

- `git status` or
- `git rev-parse --is-inside-work-tree` or
- `git -C <path> rev-parse`



muescha reviewed 11 days ago

[View change](#)

muescha left a comment

Contributor



BTW: is there any check or fallback if git is not installed?



sidharthachatterjee requested changes 18 days ago

sidharthachatte... left a comment

This is looking great @mayaarguelles

One thing that I think would be worth doing is to skip the initial commit as well if we're already in a git repo. If the user runs `gatsby new` within a repo, we want to avoid committing our changes to it since we don't own it.

What do you think?

Thank you so much!



wardpeet 17 days ago

Member



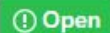
I like @muescha's response & also what @sidharthachatterjee had to say

I'm thinking of something like this

```
const isAlreadyGitRepository = async () => {
  try {
    await spawn(`git rev-parse --is-inside-work-tree`)
    return true;
  } catch (err) {
    return false
  }
}
```

```
const isAlreadyGitRepository = async () => {
  try{
+    return await spawn(`git rev-parse --is-inside-work-tree`)
+    .then( (output) => {
+      if(output.failed){
+        return false;
+      } else {
+        return true;
+      }
+    })
+    .catch(() =>{
+      return false;
+    })
  } catch(err){
    return false
  }
}
```

# Global vs local gatsby-cli --version inconsistency #13076



lexaurin opened this issue on Apr 3 · 9 comments



lexaurin commented on Apr 3 · edited ▼



## Description

There is a small inconsistency in `gatsby-cli`. Global installed one shows version of `gatsby-cli` but local one (from projects `node_modules/`) shows version of `gatsby` package instead.



hassan3095 commented on Apr 3



Hi, I understand this issue. Would like to work on it but where do we implement the custom version?  
Thanks!



lexaurin commented on Apr 4

Author + 😊 ...

Hi, I understand this issue. Would like to work on it but where do we implement the custom version?  
Thanks!

`gatsby-cli/create-cli.js` I guess. It implements `yargs` handlers and it seems it already knows it's package version <https://github.com/gatsbyjs/gatsby/blob/master/packages/gatsby-cli/src/create-cli.js#L325>



 wardpeet added `good first issue` `help wanted` `type: feature or enhancement` labels 23 days ago




hassan3095 commented 22 days ago

+ 😊 ...

Can I please be assigned to this issue? Would love to take a closer look and take a shot at it over the weekend?



 wardpeet added the `status: assigned` label 22 days ago



wardpeet commented 22 days ago • edited ▼

Member + 😊 ...

@hassan3095 I can't directly assign you but I've setup the label. Please let us know if we can assist with anything.



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```
328
329   try {
330     const { version } = require(`../package.json`)
331     setDefaultTags({ gatsbyCliVersion: version })
332   } catch (e) {
333     // ignore
334   }
335
```



pyaillet committed a day ago


commit 6f2c287fbd8e2f4e95b83a7fda65a70a5be9a165

▼ 1 packages/gatsby-cli/src/create-cli.js

@@ -328,6	+328,7
328	328
329	329     try {
330	330         const { version } = require(`../package.json`)
331	331 +         cli.version(`version`, version)
331	332         setDefaultTags({ gatsbyCliVersion: version })
332	333     } catch (e) {
333	334         // ignore

# more links between the pages in section 'community'

## #13649

 Open muescha opened this issue 12 days ago · 3 comments



muescha commented 12 days ago

Contributor



i miss some crosslinks in section community at the pages. i think in the overview there should also some links to the subpages of this section. what are your opinions?



DSchau commented 7 days ago

Contributor



@muescha if cross-linking is indeed valuable on some of these pages (which seems reasonable) we'd happily take PRs adding some extra detail where it makes sense.

Thanks!

# Bad content loaded from markdown when files have similar names (substings) #11963



nschainapp opened this issue on Feb 21 · 6 comments



ashley commented on Mar 27



Hey, can I work on this? 😊



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wardpeet commented on Mar 28

Member



@ashley yes! please 😊



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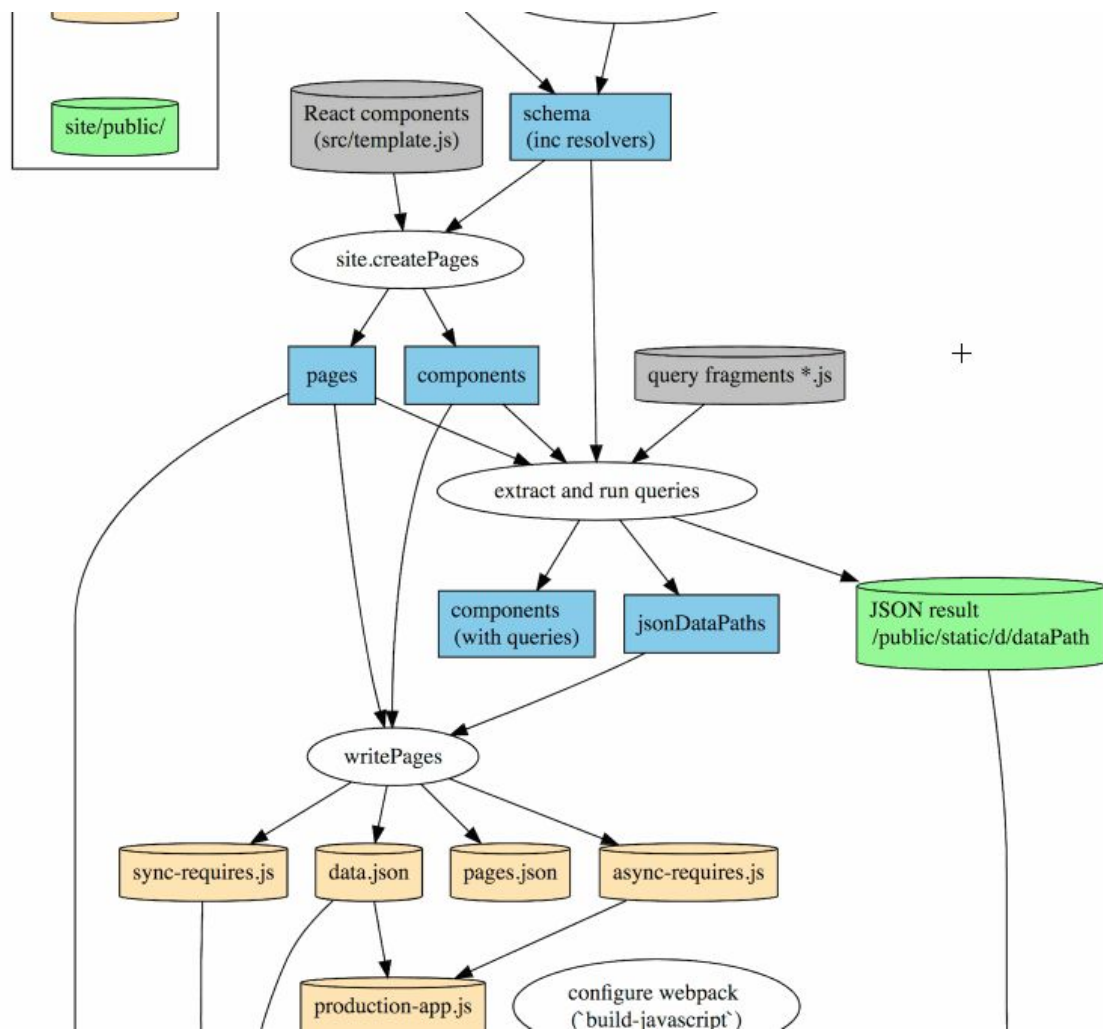


## **d-plugin-community-to-official, or lipsum as it is sometimes known**

This is about Apples and Oranges

© 2019, Built with [Gatsby](#)





## Page Creation

A page is created by calling the [createPage](#) action. There are three main effects that occur when a page is created.

1. The `pages` redux namespace is updated
2. The `components` redux namespace is updated
3. `onCreatePage` API is executed

### Update Pages redux namespace

The `pages` redux namespace is a map of `page path` to page object. The `pages reducer` takes care of updating this on a `CREATE_PAGE` action. It also creates a [Foreign Key Reference](#) to the plugin that created the page by adding a `pluginCreator___NODE` field.

### Update Components redux namespace

The `components` redux namespace is a map of `componentPath` (file with React component) to the Component object. A Component object is simply the Page object but with an empty query string (that will be set during [Query Extraction](#)).

### onCreatePage API

Every time a page is created, plugins have the opportunity to handle its `onCreatePage` event. This is used for things like creating `SitePage` nodes in [Internal Data Bridge](#), and for “path” related plugins such as [gatsby-plugin-create-client-paths](#) and [gatsby-plugin-remove-trailing-slashes](#).



**ashley** Today at 12:48 PM

Hey everyone! I was wondering if anyone could help me with some graphql questions. More specifically, I'm wondering whether `graphql()` in `query-runner` only returns one result or more.




**ghardin137** Today at 12:50 PM

it'll return whatever your query requests



1

GraphiQL  Prettify History < Docs

```
1 {  
2   allMarkdownRemark(limit: 100) {  
3     edges {  
4       node {  
5         id,  
6         rawMarkdownBody  
7       }  
8     }  
9   }  
10 }  
11
```

```
{  
  "data": {  
    "allMarkdownRemark": {  
      "edges": [  
        {  
          "node": {  
            "id": "ffa50f39-67a8-54c8-b25e-8007d674dc8f",  
            "rawMarkdownBody": "\nThis is about Apples and Oranges\n"  
          }  
        },  
        {  
          "node": {  
            "id": "ea9c046a-6d6d-5d64-87b4-fe6e27ad1fa6",  
            "rawMarkdownBody": "\nThis is about Cows and Donkeys\n"  
          }  
        },  
        {  
          "node": {  
            "id": "be02db0b-e860-5299-85e4-03586cc8a6d8",  
            "rawMarkdownBody": "\nThey are Cows and Donkeys\n"  
          }  
        }  
      ]  
    }  
  }  
}
```

# Pros

- Great community
- Lots of issues to work on
- Abundant resources, well documented
- Gatsby swag upon merged PR.

# Cons

- High Learning Curve
- Involves a lot of deep domain knowledge
- Turn-around can vary

