



Reactのフロントエンドが簡単に に作れるGatsbyJSの紹介

講師 程田 和義





Gatsbyとは

Gatsby Docs Tutorials Plugins Features Blog Showcase Contributing

Search gatsbyjs.org



Fast in every way that matters

Gatsby is a free and open source framework based on React that helps developers build blazing fast **websites** and **apps**

Get Started →

How Gatsby works

Pull data from anywhere

Reactベースのオープンソースフレームワーク

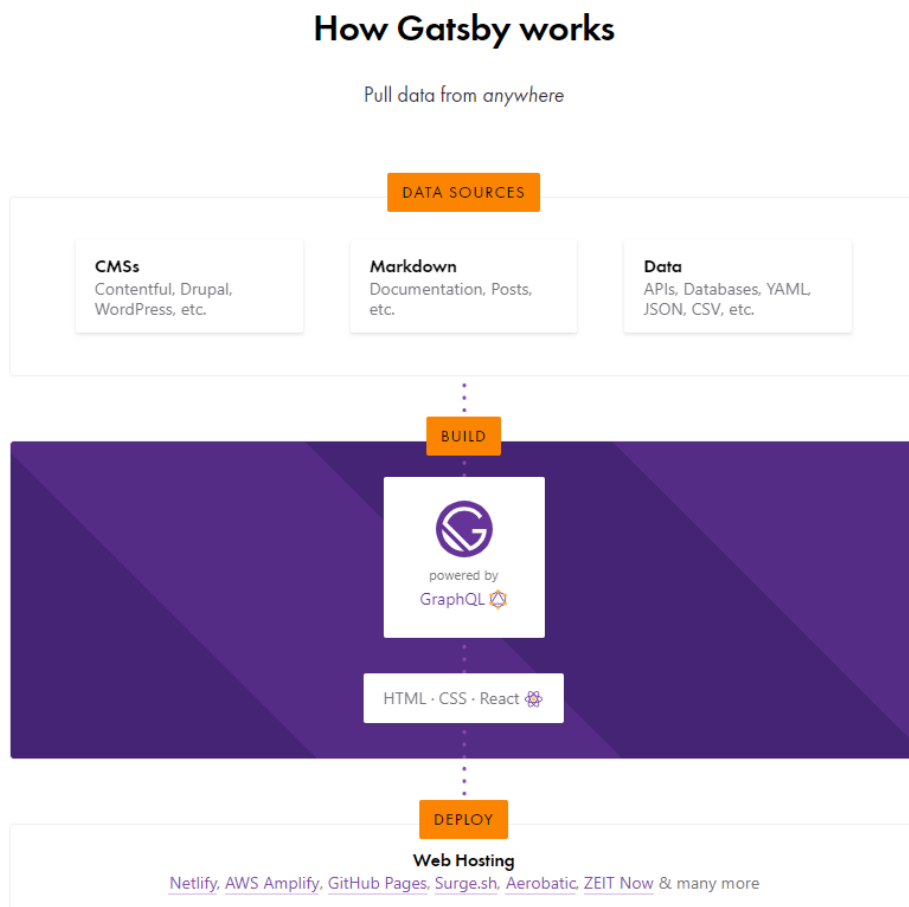
Reactベースの静的ジェネレータ
シングルページアプリケーション向け

React公式サイトで採用

静的サイトおよびCMSのリソースデータ取得にGraphQLを採用

<https://www.gatsbyjs.org/>

Gatsbyの動作



ローカルな静的ファイルやContentful、WordPress、DrupalなどのWebAPIを通じて、GraphQLによるデータ連携が可能

ページごとの必要なデータをGraphQLのクエリで連携

Gatsby内でGraphQLスキーマ処理

<https://www.gatsbyjs.org/>



GatsbyとDrupalのチュートリアル

ユーザー登録してマニュアルを参照

<https://gatsbyguides.com/>

The screenshot shows the top navigation bar of GatsbyGuides.com with links for Home and About, and buttons for Log in and Sign up. Below the navigation is a large purple banner with the text 'Build blazing fast web applications with Gatsby 101' and a large white 'G' logo. A button labeled 'START LEARNING NOW →' is positioned at the bottom left of the banner. Below the banner, there is a short paragraph of text describing Gatsby as a web application generator for React.

Gatsby, the web application generator for React, has the kind of power and flexibility that gets web developers excited. Gatsby provides a modern front-end framework for turning content into feature-rich, super fast, visually engaging apps and websites.



GatsbyとDrupalのチュートリアル

GatsbyGuides.com Home About Log out

Home > Gatsby 101 >

What Is Gatsby?

Gatsby (<https://www.gatsbyjs.org/>) is a fun-to-use web application generator for React that makes it easy to create blazing fast websites. Gatsby provides a modern framework for turning content into feature-rich, visually engaging apps and websites.

In this tutorial we'll:

- Provide a brief overview of what Gatsby is
- Link to lots of additional resources for exploring more about Gatsby and its use-case

By the end of this tutorial you should have a better understanding of what Gatsby is and what you can do with it.

Goal

Explain what Gatsby is, why you might want to use it, and what use-cases it's good for.

Static ~site~ application generator

Simply put, Gatsby is a CLI tool, written in Node, that generates static HTML and JavaScript bundles by performing server-side rendering of a React application. You give it React components, and it spits out optimized HTML files.

Left sidebar menu:

- Gatsby 101
- What Is Gatsby?
- Hello World!
- An Introduction to Drupal for Gatsby Developers
- Use Our Drupal Instance, or Another CMS
- Install and Configure Drupal
- Get Data Out of Drupal and Into Gatsby
- Add Material UI
- Dynamically Creating Pages
- Creating Lists of Content
- Dealing with Images from Drupal
- Deploying Your Application
- Building Applications with Gatsby
- Authenticate Users with OAuth
- Create Hybrid Pages
- Create Client-Only Routes

ユーザー登録してマニュアルを参照

<https://gatsbyguides.com/>

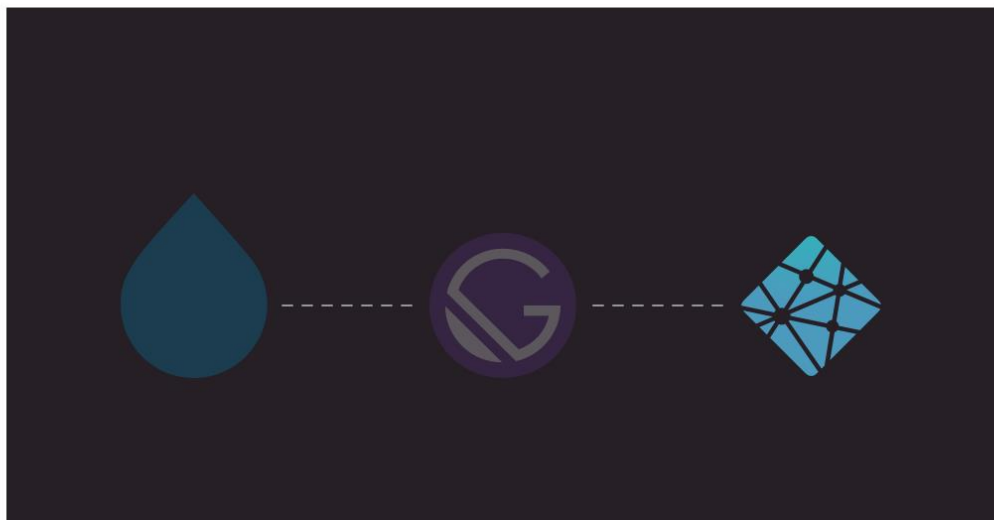
GatsbyとDrupalの情報 1



ABOUT SERVICES WORK **BLOG** CONTACT

Decoupled Drupal + Gatsby: Automating Deployment

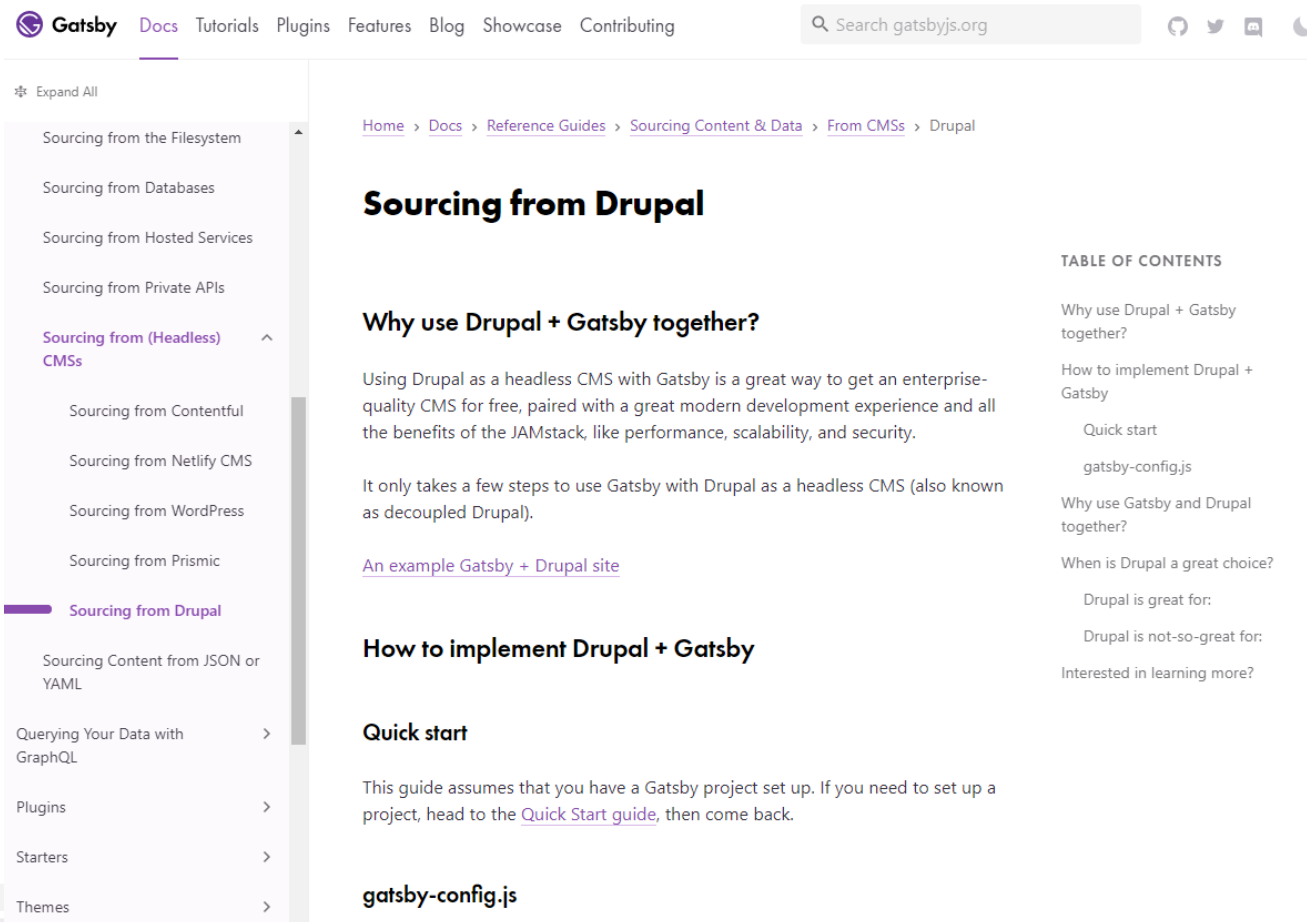
Brent Robbins · October 26, 2018



Decoupled Drupal + Gatsby: Automating Deployment

<https://atendesigngroup.com/blog/decoupled-drupal-gatsby-automating-deployment>

GatsbyとDrupalの情報 2

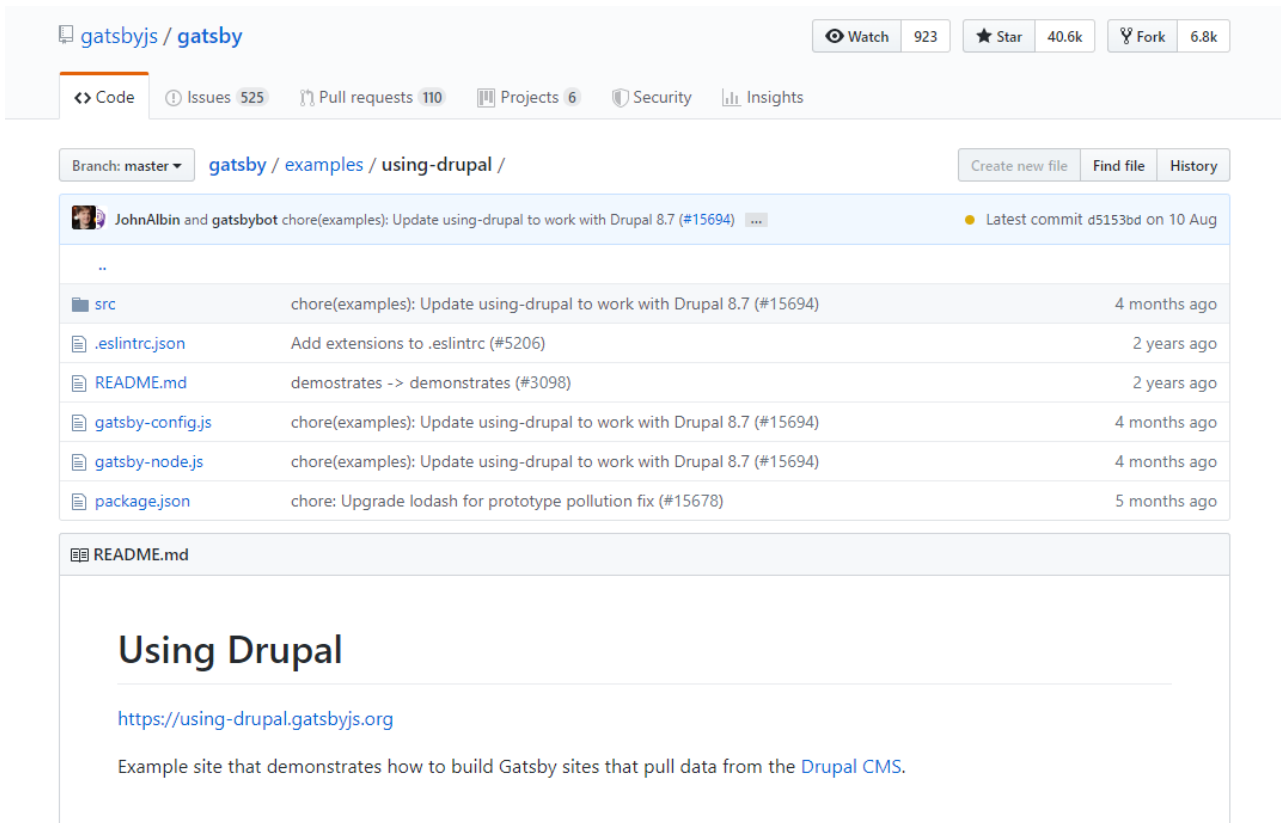


The screenshot shows the Gatsby.js documentation website. The navigation bar includes 'Gatsby', 'Docs', 'Tutorials', 'Plugins', 'Features', 'Blog', 'Showcase', and 'Contributing'. A search bar is present with the text 'Search gatsbyjs.org'. The left sidebar is expanded to show 'Sourcing from Drupal' selected. The main content area displays the breadcrumb 'Home > Docs > Reference Guides > Sourcing Content & Data > From CMSs > Drupal' and the title 'Sourcing from Drupal'. The page content includes a section 'Why use Drupal + Gatsby together?' with a paragraph about using Drupal as a headless CMS with Gatsby, and another paragraph stating it only takes a few steps. A link 'An example Gatsby + Drupal site' is provided. Below this is the section 'How to implement Drupal + Gatsby' with a sub-section 'Quick start' containing a paragraph about project setup. At the bottom, the file 'gatsby-config.js' is mentioned. A 'TABLE OF CONTENTS' sidebar on the right lists various topics like 'Why use Drupal + Gatsby together?', 'How to implement Drupal + Gatsby', 'Quick start', 'gatsby-config.js', 'Why use Gatsby and Drupal together?', 'When is Drupal a great choice?', 'Drupal is great for:', 'Drupal is not-so-great for:', and 'Interested in learning more?'.

Sourcing from Drupal

<https://www.gatsbyjs.org/docs/sourcing-from-drupal/>

GatsbyとDrupalの情報 3



The screenshot shows the GitHub interface for the repository 'gatsbyjs / gatsby'. The current view is for the 'examples / using-drupal' directory on the 'master' branch. A commit history table is visible, listing recent changes. Below the table, the 'README.md' file is open, showing the title 'Using Drupal' and a link to the demo site.

File	Commit Message	Time
..	..	
src	chore(examples): Update using-drupal to work with Drupal 8.7 (#15694)	4 months ago
.eslintrc.json	Add extensions to .eslintrc (#5206)	2 years ago
README.md	demonstrates -> demonstrates (#3098)	2 years ago
gatsby-config.js	chore(examples): Update using-drupal to work with Drupal 8.7 (#15694)	4 months ago
gatsby-node.js	chore(examples): Update using-drupal to work with Drupal 8.7 (#15694)	4 months ago
package.json	chore: Upgrade lodash for prototype pollution fix (#15678)	5 months ago

Using Drupal

<https://using-drupal.gatsbyjs.org>

Example site that demonstrates how to build Gatsby sites that pull data from the [Drupal CMS](#).

Example site that demonstrates how to build Gatsby sites that pull data from the Drupal

<https://github.com/gatsbyjs/gatsby/tree/master/examples/using-drupal>

デモサイト

<https://using-drupal.gatsbyjs.org/>

GatsbyとDrupalの情報 4

QED42

Services ▾ Work Open Source Blog Careers

CONTACT US



9 MIN READ // SEP 2, 2019 JS // [Gatsby](#), [Headless CMS](#), [Headless Drupal](#), [JSON:API](#)

Integrating Headless Drupal with Gatsby (JSON:API)

jeevan.bhushetty

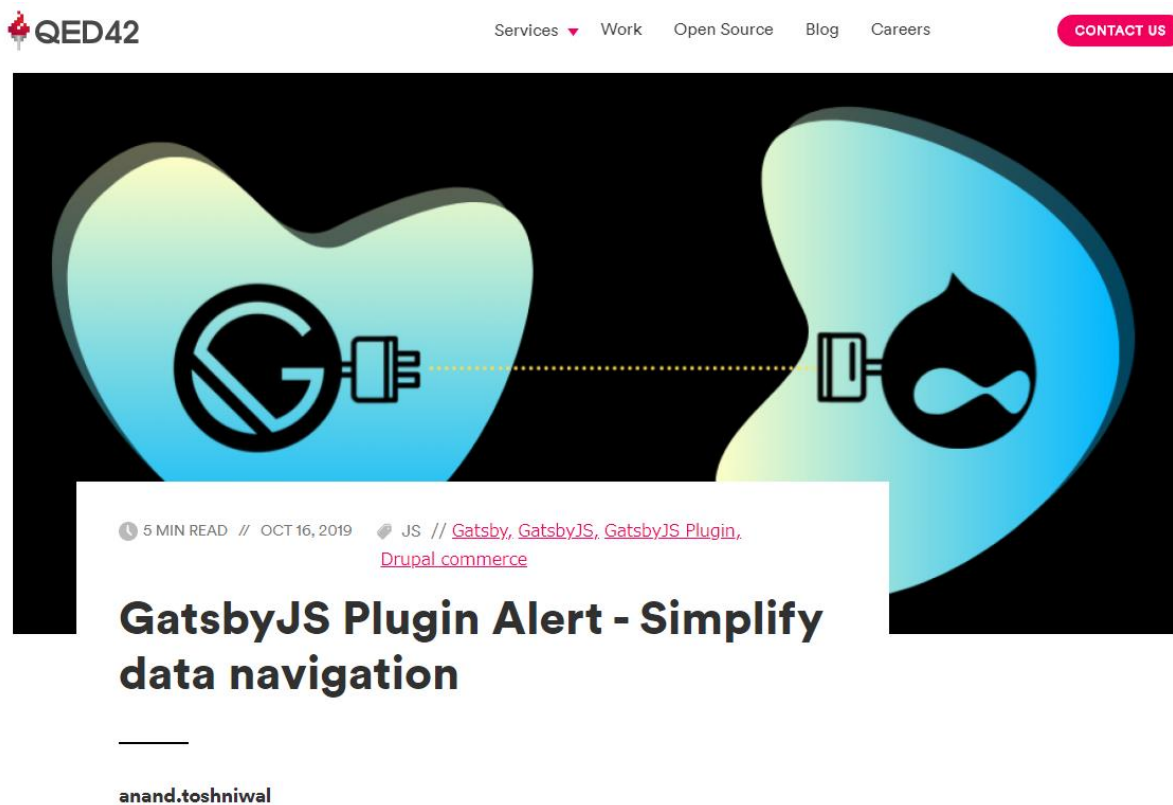


| [What is Gatsby?](#)

Integrating Headless Drupal with Gatsby (JSON:API)

<https://www.qed42.com/blog/integrating-headless-drupal-gatsby-jsonapi>

GatsbyとDrupalの情報 5



GatsbyJS Plugin Alert - Simplify data navigation

<https://www.qed42.com/blog/gatsbyjs-plugin-alert-simplify-data-navigation>



GatsbyとDrupalの情報 6

Creating Lists of content with Gatsby and Drupal - Daily Dose of Gatsby Episode 4

<https://www.youtube.com/watch?v=mu0T7Rae53c>

Gatsby & Drupal

<https://www.youtube.com/watch?v=gzmvZvItRR8>

Embracing the modern web using Drupal as a Headless CMS with Gatsby

https://www.youtube.com/watch?v=JKuyeBrY_jc



GatsbyとDrupalの情報 7

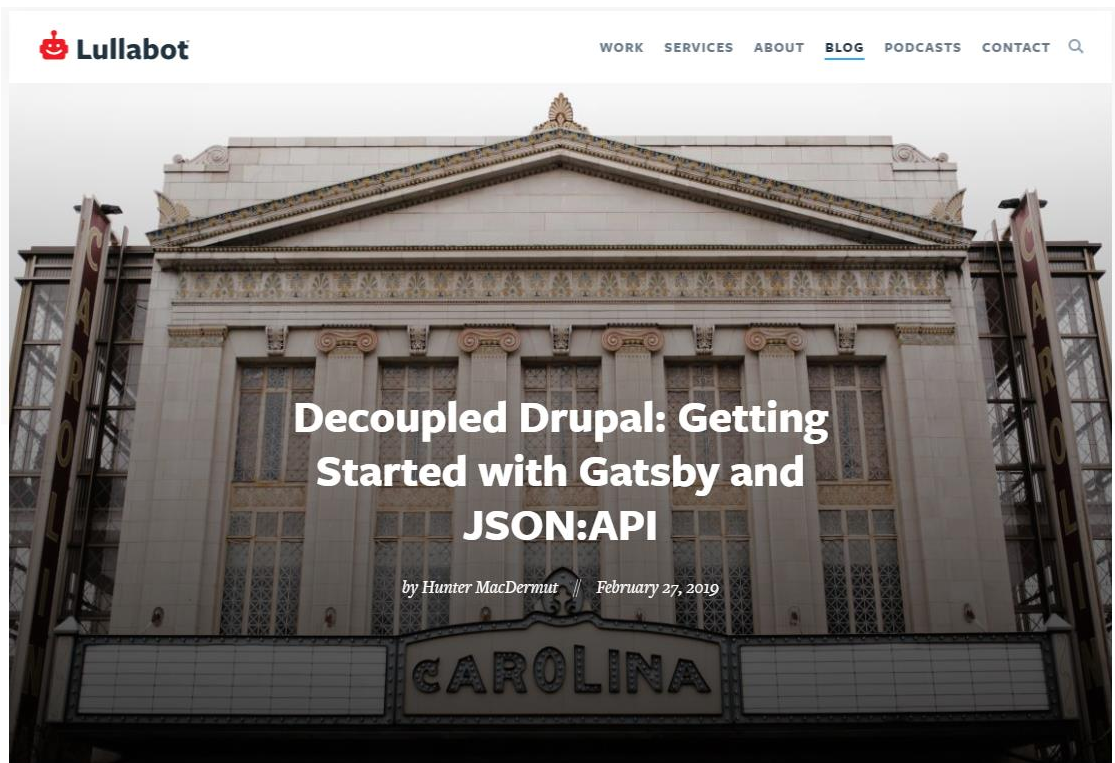
Decoupled Drupal + Gatsby

<https://www.youtube.com/watch?v=fx2Qo3D47tI>

Decoupling Drupal with Gatsby

<https://www.youtube.com/watch?v=s5kUJRGDz6I>

GatsbyとDrupalの情報 8



Decoupled Drupal: Getting Started with Gatsby and JSON:API

<https://www.lullabot.com/articles/decoupled-drupal-getting-started-gatsby-and-jsonapi>

Introduction

GatsbyとDrupalの情報 9



Decoupling Drupal with Gatsby

<https://evolvingweb.ca/blog/decoupling-drupal-gatsby>

Gatsby is a really fast React-based static site generator. You can use it to create a static site, with content pulled from Drupal and other content management systems.

Why Use Gatsby?

Unlike dynamic sites which render pages on-demand, static site generators pre-generate all the pages of the website. This means no more live database querying and no more running through a template engine. Performance goes up and the maintenance cost goes down.


Static site generators have been evolving over the last few years. Tools like Jekyll, Gatsby, Hexo, Hugo become more and more popular. They have been chosen by developers who want a simple website/blog solution. They need very minimal server setup and have a low maintenance cost. However, static site generators usually require writing content in Markdown, which is not a great authoring experience for most content editors.



About the author, Robert Ngo

Robert channels his passion for programming into beautiful and useful websites and apps.

GatsbyとDrupalの情報10



Why Gatsby? How It Works Integrations About Us Resources Docs Log in [Get started for free →](#)

[Gatsby Guides →](#)

Using Gatsby with Drupal

Using Drupal with Gatsby is a great way to get an enterprise-quality CMS for free, paired with a great modern development experience and all the benefits of the JAMstack, like performance, scalability, and security.

QUICK LINKS

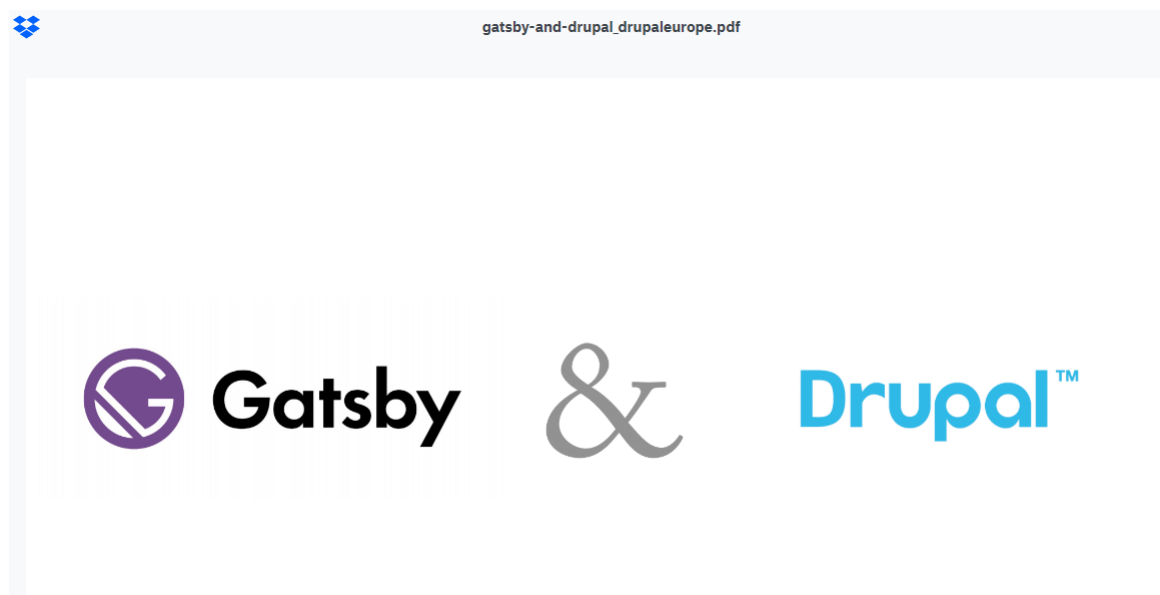
- A Drupal agency's intro to Gatsby
- Presentation on Gatsby + Drupal
- "Decoupling Drupal with Gatsby" tutorial

Using Gatsby with Drupal

<https://www.gatsbyjs.com/guides/drupal/>




GatsbyとDrupalの情報11



Joe Shindelar's 2018 Drupal Europe slides on Gatsby + Drupal

https://www.dropbox.com/s/011m274y9uoey8v/gatsby-and-drupal_drupaleurope.pdf?dl=0



ありがとうございます。
ご質問！