The Future of WordPress as a Headless CMS

@mikehale
#OnlineWPMeetup

WordPress Pittsburgh
Virtual Mega Meetup 2020

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Stompgear Digital Marketing

SiteGround Brand Ambassador

HMS Software

A Division of Heuristic Management Systems

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Heuristic Management Systems is a provider of high-quality, leading-edge project management products and services, enabling each individual in the project management process to contribute to the success of the project.

Welcome to the HMS Software web site. This site is dedicated to the advancement of professional project managers in their use of project management systems.

HMS Software has been in the project management industry since 1983. We are based Canada with offices in Montreal and Toronto and with distributors all over the world.

You can select from the index at left at any time. Below you'll find a more in-depth description of each area.

Products

HMS is the publisher of TimeControl, a project-oriented timesheet system designed for Windows. HMS has authored project-oriented timesheet systems since 1983 and has an extensive user list of customers around the world who are using our systems. (Like to take a look at who's there? Check out the TimeControl area. The Products area contains information on TimeControl of course as well as any other products which HMS represents.

What's New

In this section you'll find the latest information on changes at HMS. We'll make a point of making sure that the latest changes on the Website have a listing here.

Project Management Resources and Links

We maintain a list of project management web sites you may find of interest in this section. A more complete listing is available directly from the Project Management Institute. What? Youi don't know how to reach the Project Management Institute? Don't worry. The link to PMI is right here.

Events

HMS Software staff support and sponsor numerous public events throughout the year. This includes seminars, trade shows, association dinners and other events. For an up-to-date listing of where you can find us, take a peek in the event schedule found here.

US Robotics
56K
X2

What is a Content Management System (CMS)?

A software application that can be used to manage the creation, modification, and distribution of digital content.

“You've got to go forwards to go back, better press on.

Coupled

Single application to create, manage, and display content.

De-Coupled

Back-end and front-end are managed separately.

Headless

Doesn’t have a front-end or a presentation layer.

Headless CMS Platforms

Ghost

Strapi

Contentful

Sanity

Agility

Butter CMS

Prismic

Statamic

Zesty

GraphCMS

JAMstack

J - Javascript

A - API

M - Markup

JAMstack is the Future – Funding

- Gatsby - $46M
- Netlify - $97m
- Strattic - $6.5M
- Frontity - €1.4M

Static Site Generators

Gatsby

Next.js

Gridsome

Nuxt.js

11ty

Hugo

Jekyll

Scully

Sculpin

Sapper

When to Use

- Content for a Mobile App
- Power a static Microsite
- Interact with a JavaScript UI
- Large, publisher sites

Advantages of Using JAMstack

- Flexibility & Control
- Multi-channel publishing
- Reliability
- Low Maintenance

Speed

Serve Static Files

HTML

JavaScript

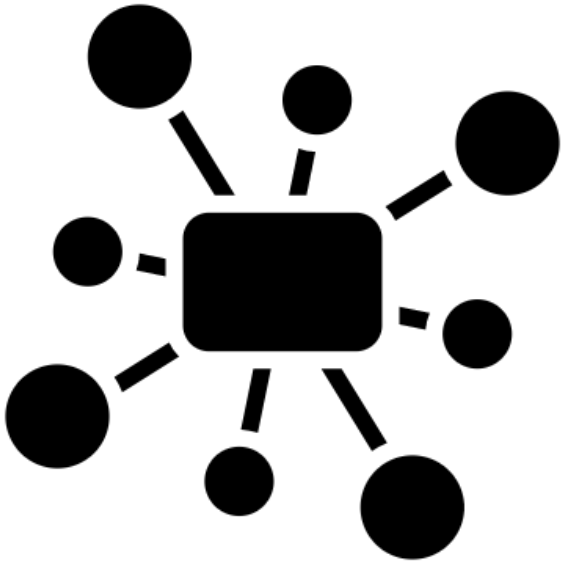
CSS

Images

Static Assets

Scalability

Leverage CDN



Availability

Location Based (Edge)

No PHP, MySQL

Security

700,000 WordPress Users Affected by Zero-Day Vulnerability

Hackers are exploiting a critical flaw affecting 350,000 WordPress sites

Zero-Day Flaw in WordPress Plugin Leaves 1.7M Users at Risk

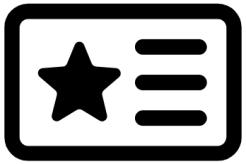
Trade-Offs

Search

eCommerce

Forms

Comments



Memberships

Using WordPress as a Headless CMS

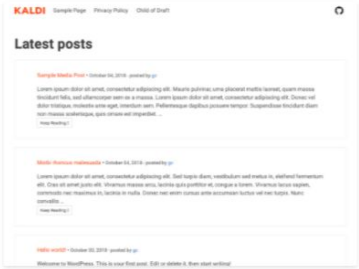
DIY - Technical Skills or Developer Needed

Gatsby

» Frontity

WP2Static

Hosted - No technical skills



GATSBYCENTRAL / v2 ★367

gatsby-starter-wordpress

Gatsby v2 starter for WordPress

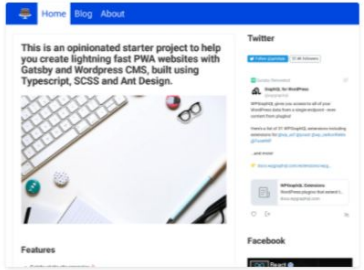
Updated 10/19/2020

HENRIKWIRTH / v2 ★75

gatsby-starter-wordpress-twenty-twenty

Gatsby port of the WordPress Twenty T...

Updated 8/15/2020

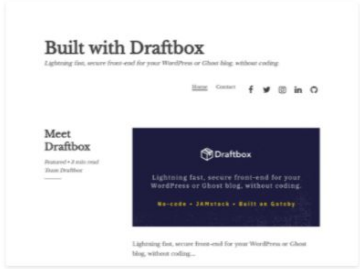


SAGAR7993 / v2 ★35

gatsby-wordpress-typescript-scss-blog

A Gatsby starter template for a Wordpr...

Updated 10/31/2020

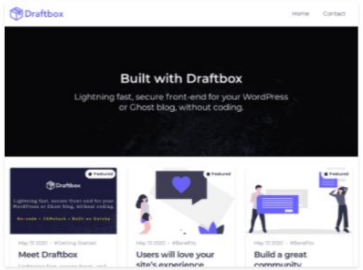


DRAFTBOX-CO / v2 ★20

gatsby-wordpress-libre-starter

A Gatsby starter for creating blogs fro...

Updated 8/19/2020

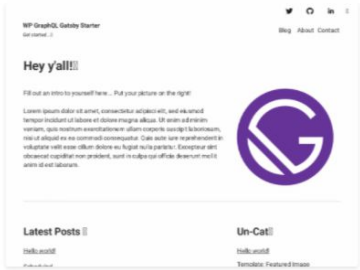


DRAFTBOX-CO / v2 ★12

gatsby-wordpress-balsa-starter

A Gatsby starter for creating blogs fro...

Updated 8/19/2020

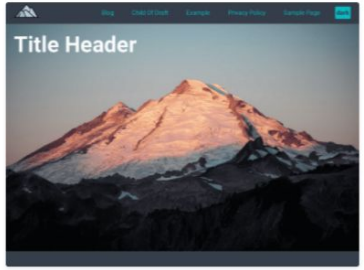


N8FINCH / v2 ★12

wp-graphql-gatsby-starter

A simple starter to get up and developi...

Updated 10/20/2020



ARTEZAN / v2 ★9

gatsby-starter-mountain

No description

Updated 10/20/2020

PABLOVILA / v2 ★8

gatsby-starter-wordpress-community

Gatsby starter to launch your blog from...

Updated 10/19/2020

gatsby-starter-wordpress

Latest posts

Sample Media Post • October 04, 2018 - posted by gc

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Mauris pulvinar, urna placerat mattis laoreet, quam massa tincidunt felis, sed ullamcorper sem ex a massa. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec vel dolor tristique, molestie ante eget, interdum sem. Pellentesque dapibus posuere tempor. Suspendisse tincidunt diam non massa scelerisque, quis ornare est imperdiet. …

Keep Reading

Morbi rhoncus malesuada • October 04, 2018 - posted by gc

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed turpis diam, vestibulum sed metus in, eleifend fermentum elit. Cras sit amet justo elit. Vivamus massa arcu, lacinia quis porttitor et, congue a lorem. Vivamus lacus sapien, commodo nec maximus in, lacinia in nulla. Donec nec enim cursus ante accumsan luctus vel nec turpis. Nunc convallis …

Keep Reading

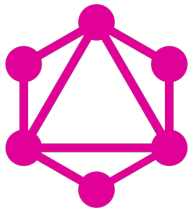
Hello world! • October 03, 2018 - posted by gc

Welcome to WordPress. This is your first post. Edit or delete it, then start writing!

GraphQL Approach – Install WordPress GraphQL Plugins

WPGraphQL

WPGatsby



WPGraphiQL

gatsby-source-wordpress-experimental

GraphQL Approach – Pages, Posts, Navigation

gatsby new wordpress-gatsby
https://github.com/TylerBarnes/using-gatsby-source-wordpress-experimental

yarn add gatsby-source-graphql

gatsby-config.js:

```
resolve: `gatsby-source-wordpress-experimental`,
options: {
   url: `https://coffeeketosis-dev.local/graphql`
   …
}
```

GraphQL Approach – Pages, Posts, Navigation

Create page and post templates

Create static posts and pages with the createPages API

Add Navigation

Image Handling

Pagination

Styling

Support Block Styles

Deployment

Learn More – Helpful Links

https://css-tricks.com/creating-a-gatsby-site-with-wordpress-data/

https://torquemag.io/2020/07/how-to-begin-your-journey-developing-headless-wordpress-sites/

https://www.sitepoint.com/learn-JAMstack/

https://www.gatsbyjs.com/blog/2020-07-07-wordpress-source-beta/

https://snipcart.com/blog/wordpress-static-site-generator

https://speckyboy.com/when-does-using-headless-wordpress-make-sense/

https://bolajiayodeji.com/introduction-to-headless-content-management-systems

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