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caractéristiques de WP and advantage of CMS

There are many advantages to using content management systems (CMS). These are not limited to websites with dynamic, interactive or regularly changing content.

Advantages of CMS

Compared to static HTML websites, key benefits of CMS include:

- user-friendliness
- quick deployment
- ease of maintenance, including updates
- cost-efficiency, especially with out-the-box solutions, open source or freeware
- extendable functionality, through a large number of plugins and extensions
- SEO-friendly features
- developer and community support

One of the main advantages of CMS is that it enables non-technically minded users to create functional pages or upload and modify content themselves, without having to outsource the work to a web developer or understand programming languages such as HTML or PHP.

Disadvantages of content management systems

Despite their many benefits, there are a few common problems to consider before choosing a CMS. For example:

- there may be hidden costs (eg with implementation, customisation, support or training)
- you may need significant server resources for certain types of CMS
- you will need to apply regular upgrades and patches to ensure your software is secure

In addition, with some proprietary solutions it may be:

- difficult or expensive to customise
- tricky to export data or move away to another platform
- challenging to be locked in with only one supplier

Importance of CMS to your business

If you carefully source and implement the right CMS for your web project, it can help you:

- streamline your authoring process
- update your website remotely, as and when needed
- ensure consistency in appearance and 'look and feel' of the website
- customise your website to meet your precise business needs
- use non-technical staff to make updates, although they may need basic training
- reduce website maintenance costs
- eliminate the need for web developers or webmasters for simple content updates
- integrate your website with other business applications, such as customer relationship and asset management systems
- store archived content, either for future use or reference
- use dynamic marketing to improve sales or user satisfaction
- optimise your website and content for search engines or mobile use

To make the most of these benefits, you will need to define:

- your workflows and processes
- your technical requirements

<https://www.nibusinessinfo.co.uk/content/advantages-using-content-management-system>

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comparatif entre cms / javascript avantage et default du codage trad.

Whether you're building a website for yourself or you've been tasked with standing one up for work you've likely heard of a content management system or its abbreviated term "CMS". A content management system is a crucial part of a modern website allowing an application or group of applications' digital content to be managed without having to code or develop new pages. Everything from your written content to your graphics is managed through this system and allows for easy management of your site.

While there are many flavors of content management systems, there are really only two major types on the market which can be easily referenced, traditional CMS's like **WordPress** and headless CMS's like **Contentful**. Each of these solutions are viable depending on your situation, architecture and long-term content management goals. For some sites, a traditional CMS is a fine solution. For others, a headless CMS will be the optimal solution. When working with our clients, UDig always looks at the bigger picture and industry trends to ensure that you are positioned for future growth and able to take advantage of changes in technology.

Traditional CMS

Over the last decade, the focus of websites has been a marriage of the CMS and your site's design. Having the CMS part and parcel with the site design has made it easy to update content without the overhead we used to see like having to manually update pages via HTML development, moving content and files with FTP, etc...

A traditional CMS, like WordPress or Drupal, is a monolith that connects the front-end and the back-end of a website in a neat and easy application code base. They contain everything from the database for content all the way up through the presentation layer.

Headless CMS

A headless CMS differentiates itself by not connecting directly with a front-end at all. While traditional CMS' aim to be a single solution to managing both the content and the front-end, a headless CMS deals strictly with the content. Once created and edited, content is published via an application programming interface (API) and that's it. The headless CMS has no impact or input on the front-end. This provides the flexibility to get your content out in as many ways as possible regardless of how it's presented.

If it helps, think of the headless CMS like an author writing a book. The author, headless CMS, is providing the content while the publisher, website, formats and delivers the content to the public via hardback book, e-book, etc... The consumption methods change but the content is consistent.

While no one solution solves all problems, we hope you could see the value in weighing your options when it comes to choosing the right CMS. Besides these two major types, the flavor variants really come down to preference. Choosing one headless CMS over another, for example, is often an exercise in testing the interface and API to choose the one you and your content providers feel most comfortable with.

Source : <https://www.udig.com/digging-in/traditional-cms-vs-headless-cms/>

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part du marché WP/joomlas et site utilisant WP

WordPress is one of the most popular content management system (CMS) solutions in use. It is used by more than **60** million websites, including **34%** of the top **10** million sites until **2019**.

WordPress is developed by its founders, American developer **Matt Mullenweg** and English developer **Mike Little**, on **27 May 2003**. This software is licensed under the **General Public License (GNU)**.

Joomla is a free and open-source **Content Management system**. It is used to publish the web component and develop dynamic websites and online applications. Joomla was developed by **Open Source Matters Inc.** and the **Joomla community in 2005**. It is written in **PHP** and uses the Object-Oriented Programming techniques and software design Patterns. It stores the data in various databases such as **MySQL, MS SQL, PostgreSQL**, etc.

It has many features like forums, news flashes, web loading, printable versions of articles, language search, and support. It has many advantages against its competitors in the market. It is not only a full-featured Content Management System, but it is also easy to learn, set up, and less costly to use.

Market share yearly trends for content management systems for websites

This report shows the market share trends for content management since January 2010.

	2010 1 Jan	2011 1 Jan	2012 1 Jan	2013 1 Jan	2014 1 Jan	2015 1 Jan	2016 1 Jan	2017 1 Jan	2018 1 Jan	2019 1 Jan	2019 7 Feb
WordPress	51.0%	55.3%	54.3%	54.8%	59.8%	60.7%	58.8%	58.5%	60.0%	59.7%	60.0%
Joomla	12.0%	10.9%	9.5%	8.7%	9.3%	8.6%	7.5%	7.2%	6.5%	5.4%	5.4%
Drupal	7.1%	6.1%	6.5%	7.2%	5.5%	5.1%	4.9%	4.8%	4.6%	3.5%	3.5%
Shopify					0.3%	0.7%	1.0%	1.3%	1.8%	2.6%	2.7%
Squarespace		0.2%	0.2%	0.1%	0.3%	0.5%	0.8%	1.1%	1.5%	2.6%	2.7%
Wix				<0.1%	0.2%	0.3%	0.4%	0.6%	0.9%	1.8%	1.8%
Magento					2.7%	2.8%	2.9%	2.7%	2.4%	1.9%	1.8%
PrestaShop				0.9%	1.1%	1.2%	1.3%	1.3%	1.3%	1.4%	1.4%
Blogger		2.7%	3.0%	3.5%	3.3%	2.9%	2.7%	2.4%	1.9%	1.4%	1.4%

Back in **May 27, 2003** Matt Mullenweg and Mike Little created WordPress, a platform which was to change the direction and trends of all websites. WordPress has kept climbing higher and higher on the ranking lists of top CMS ever since. At the age of nearly 20, WordPress powers 39.5% of all the websites on the world wide web and with a market share of 65% is, without doubt, the leading CMS on the market. Small blogs and personal photography websites, startups and world's top companies alike have decided on WordPress when creating their websites. Here is a list of 10 absolutely gorgeous websites you probably have heard about, but might not know were created with WordPress:

Katy Perry/The official Star Wars Blog/TechCrunch/Sony Music/BBC America/The New York Times/The Walt Disney Company and more

<https://10web.io/blog/10-awesome-websites-made-with-wordpress/>

<https://www.javatpoint.com/wordpress-vs-joomla#:~:text=WordPress%20and%20Joomla%20both%20are,dynamic%20websites%20and%20online%20applications.>

<https://wpmarmite.com/joomla-ou-wordpress/#:~:text=WordPress%20en%20quelques%20mots&text=Depuis%20d%C3%A9but%202019%2C%20il%20propulse,comme%C3%A9t%20surtout%20une%20croissance%20exponentielle.>