



WHY IS
DRUPAL
GREAT FOR
GOVERNMENT
WEBSITES

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Drupal is in use by hundreds and thousands of key Governments and Governmental organizations worldwide. The use of Drupal in Government sector has helped not only Citizens associated with the Web Portals, but also the Developers, Decision Makers, Policy Makers and other stakeholders involved. In the following pages of this whitepaper, we will look into some of the many reasons why Drupal is the best choice for Government websites.



Drupal is Open Source

Acquiring Drupal for organizations has zero Licensing fee. Drupal was open sourced in 2001 and ever since it has matured into one of the strongest web development platforms around. As an example by adopting Drupal, Cisco, one the leading Network devices company saved 400 Million\$ by just transforming their support architecture to Drupal from some proprietary platform

Drupal is Secure

One of the main reasons Governments and other organizations adopt Drupal is its strong security. The Drupal community has a dedicated team of World Class security professionals whose only duty is to keep an eye on any sort of malicious attacks on Drupal and devising plans and ways to safeguard against them. The code also which is contributed by the community and becomes part of the Drupal platform is vetted by experienced security professionals before it is accepted



Strong Community of Users, Developer, Decision makers, Marketers and Business owners



Drupal community worldwide is one of the most influential and huge software related communities in the World. It contains thousands of Developers who have donated their effort and time since 2001 to build a product so powerful as Drupal. There are conferences held worldwide aimed at further strengthening Drupal. The biggest conference is DrupalCon and others like DrupalGovCon which is only targeted for Drupal in the Government sector. The latest version of Drupal i.e Drupal 8 was built over a period of 4 years by 3290 Core contributors, from 1228 companies worldwide using the best Web Development techniques and principles. There are a total of 42000 modules(extra functionality than Drupal Core) as of writing this paper, contributed by developers to the Drupal community.

Strong Codebase and Entity API

Drupal has been built by thousands of high profile developers. The latest version of Drupal i.e Drupal 8 is built on the popular Symfony framework of PHP. The Drupal Codebase consist of a native API known as Entity API which is the main powerful of Drupal. All modules based on Entity Api provide interoperability between various inner components of Drupal. Developers don't have to be redundantly writing code over and over again while using Entity API. Majority of modules are based on Entity API thus making it possible to build any kind of inter related Databases, and ERPs.



Flexibility & Scalability



Drupal is very flexible because of its strong API like mentioned above. It can be tweaked and twisted for organizational needs. Similarly Drupal can scale to any level as the needs of the website grow. Different caching and scalability techniques are used to design very large and enterprise level Drupal platforms.

Strong User and Roles Management

Drupal's multiuser capabilities are huge. Developing multiuser platforms is easy and powerful because of its strong user management code. Applications with different levels of delegation and permissions, can be built in Drupal using its powerful user management infrastructure. With Drupal, all citizens of a country can login to one Drupal website to check and maintain their personalized data.

Interoperability

Drupal can serve as strong backend for Mobile apps and Citizens oriented devices/apps. Drupal can expose all its data and operations as REST APIs or GraphQL APIs to build mobile apps or other decoupled applications. Drupal can be used as backend to IOTs and other devices in need of some sort of Data backend. Digital Signage solutions with Drupal as their backend is getting popular. British Airways has recently used Drupal for its Digital Signage solution covering all of their flight schedule as well.



Powerful Search Driven databases

Citizens generally visit Government websites for the data or documents they need for various processes. A strong searching mechanism on the website is essential. Drupal provides efficient searching modules like Search API geared towards easily searching deeply nested data.



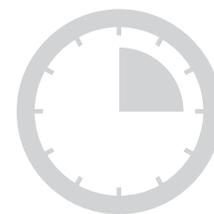
Citizen Centric Online Applications:

Going from manual processes to online applications has changed the Worldly affairs as they used to be. Drupal provide features making it possible to quickly layout Online applications for example, Online registrations, Online job portals, Online applications, online process approvals to name a few.



Developer Friendly and Time/Cost saving

Drupal is very strong tool for Developers. Thousand lines of code which a Developer usually writes to achieve even basics of functionalities can be achieved in Drupal with just a few clicks and in a more scalable and optimized way. A project which may need 10 developers and a year to complete can be curtailed down to one or two developers, and just 1 or two months to complete thus saving time and cost involved. This is no exaggeration, the power of Drupal can ease lives of Developers also.



Accessibility

Not everyone is born 100% normal. Every Government tries to have its data exposed and readable/accessible to everyone. Drupal helps Governments build websites as per World wide web Consortium guidelines (WCAG) and ADA guidelines so that all the Citizens including the disabled ones can benefit from the Government's guidelines and services.



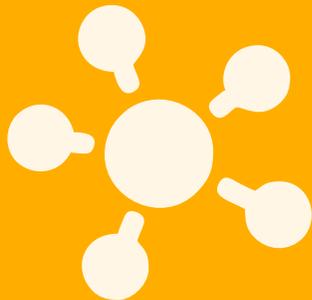


Multilingual Websites

Drupal provides powerful multilingual features for websites. Not only content but interfaces can also be translated into different languages thus better serving citizens in their own mother tongue.

Multisites

Drupal provides many solutions for creating portals on the same codebase. For example, a whole province can be made online, with all the divisions, districts and cities having their own websites based on the same Drupal installation.





Online Commerce and Payments

Drupal commerce is a powerful ecosystem within Drupal and can be used for any kind of online transactions and commerce, and selling of Online Services or collecting fees and taxes etc. The Flexible Drupal Commerce module has a sound community behind keeping the Commerce capabilities of Drupal at par with other competitors

Some Leading Government Organizations across the globe using Drupal





Government of Australia

Australian Government has moved hundreds of their Web Portals to Drupal during the last 5 or 6 years. The official portal of Australian Government (www.australia.gov) is in Drupal used for the country's e-governance. They also have released GOVCMS, a distribution based on Drupal which has been adopted by different other Government bodies and local bodies under the Government



US Government

United States uses Drupal for many of its Federal Government websites and different states website. The Whitehouse Petitions website and Intranet is in Drupal. The petitions website for Whitehouse serves as a hub for citizens of the US to call government for various issues pertaining to them.

The Georgia state(Georgia.gov) has a plethora of Websites in Drupal for its various sub departments and local

governments departments.

The New York State, Massachusetts have their official websites in Drupal. The cities of Boston, Los Angeles, San Diego have their websites in Drupal. All these websites cover needs of the residents of these cities.

The US Department of Education (www.ed.gov) is a massive portal aimed at providing Education specific data and services

for United States. Citizens can find education legislation, regulations, guidance, and other policy documents via the website

The National Institute of Health ([NIH www.nih.edu](http://www.nih.edu)) is one of the World's foremost medical research centers which come under the US government. There huge website covering many health related data is proudly hosted by Drupal.

France Government



The official Portal of France (<https://www.gouvernement.fr>) which facilitates the citizens of France is in Drupal. Various other key ministries of French Government are also in Drupal.



New Zealand Government

The New Zealand government website <http://beehive.govt.nz> is a massive Drupal website. All the information about the ministers and their speeches, different types of press releases, major government initiatives are all part of the website serving the Kiwi citizens.

London City Portal



www.london.gov.uk is the official portal of the Mayor of London. It covers many different aspects of civic service for Londoners. Drupal is proudly hosting it too.

The above list is just touching the surface of where Drupal has been in use by many key Governments around the globe. Drupal because of its very powerful framework and API, and its various capabilities can be the best choice for Government websites.