

Success story: Creating and deploying the Drupal Installation Profile



Rootstack assisted an American university in the creation and implementation of the Drupal Installation Profile for building microsites with predefined functionalities.

About the client

Educational institutions always seek to update their management, offering functional and highly efficient websites to users. In the case of our client, a university located in Florida, was in this situation: it had many microsites, all similar to each other and that shared many functionalities. These microsites were created separately, from scratch, investing a lot of time in each one of them, being a somewhat repetitive work since all the sites were related in terms of their structure.

Challenge

The client needed a mechanism to standardize the construction of these microsites so that the creation of each one would be faster and certain common functionalities would be available by default in all the microsites of the university. This would save them time and streamline their workflow.

Our Solution

Rootstack's experienced engineering team implemented the Drupal Installation Profile, a solution that allows various features and functionalities of a specific website to be packaged, so that they can be reused when creating a new website.

Drupal 8.2.2

Choose language

Choose profile

Verify requirements

Set up database

Install site

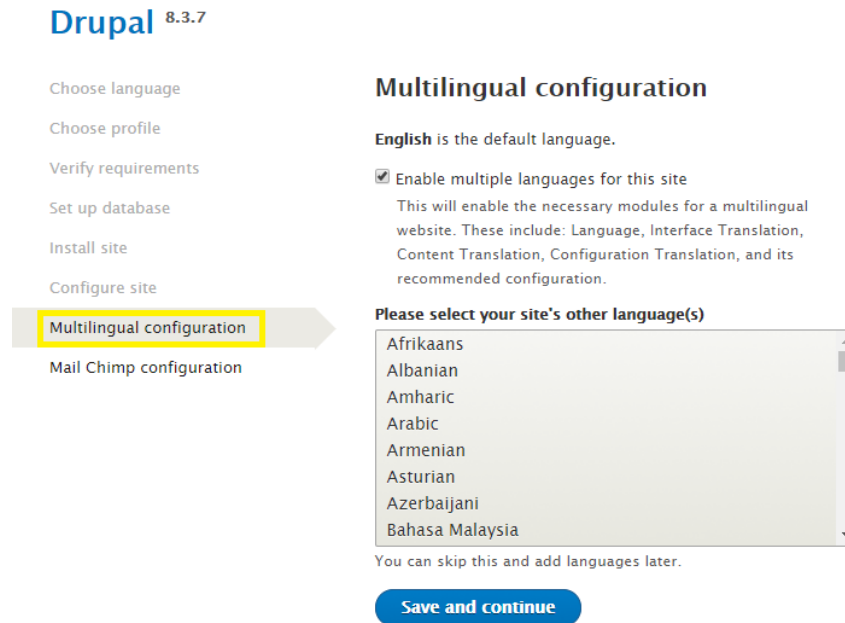
Configure site

Select an installation profile

- Standard
Install with commonly used features pre-configured.
- Minimal
Build a custom site without pre-configured functionality.
Suitable for advanced users.
- ABCD
Install with commonly used features pre-configured for ABCD.

Save and continue

When creating this Installation Profile package, data about existing modules, configurations, content types, profiles, among others, is saved and will be available to be used when implementing said package in Drupal.



Drupal 8.3.7

- Choose language
- Choose profile
- Verify requirements
- Set up database
- Install site
- Configure site
- Multilingual configuration**
- Mail Chimp configuration

Multilingual configuration

English is the default language.

Enable multiple languages for this site

This will enable the necessary modules for a multilingual website. These include: Language, Interface Translation, Content Translation, Configuration Translation, and its recommended configuration.

Please select your site's other language(s)

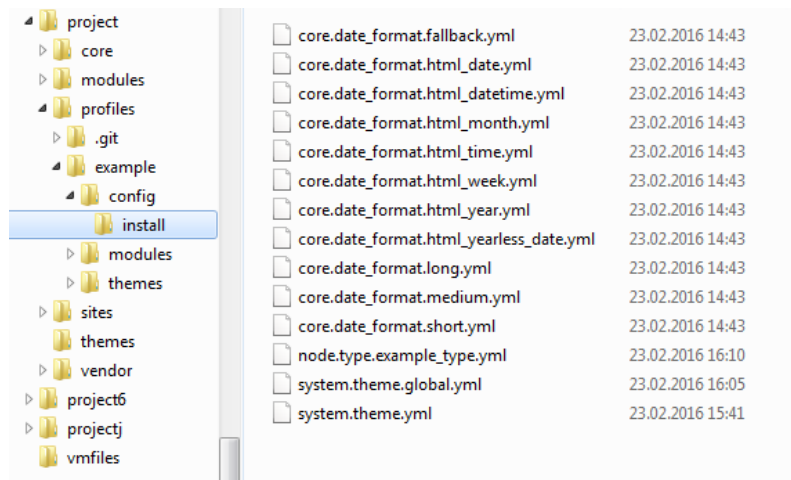
- Afrikaans
- Albanian
- Amharic
- Arabic
- Armenian
- Asturian
- Azerbaijani
- Bahasa Malaysia

You can skip this and add languages later.

[Save and continue](#)

What benefit does Drupal Installation Profile bring? It is a very useful solution since it allowed the client, first, to standardize the creation of microsites; that is, instead of doing the same website many times, now with the Installation Profile the client could use the same package to instantly configure several microsites with the same default functionalities, only needing to change aspects such as the colors or the names of the sites created.

With this Drupal Installation Profile package, the client created websites fully tailored to their needs, in a more organized way and in a few steps, saving a lot of time since when creating a new microsite, the institution did not have to configure the modules one by one but already with the package the client had everything available by default.



- project
 - core
 - modules
 - profiles
 - .git
 - example
 - config
 - install
 - modules
 - themes
 - sites
 - themes
 - vendor
 - project6
 - projectj
 - vmfiles

core.date_format.fallback.yml	23.02.2016 14:43
core.date_format.html_date.yml	23.02.2016 14:43
core.date_format.html_datetime.yml	23.02.2016 14:43
core.date_format.html_month.yml	23.02.2016 14:43
core.date_format.html_time.yml	23.02.2016 14:43
core.date_format.html_week.yml	23.02.2016 14:43
core.date_format.html_year.yml	23.02.2016 14:43
core.date_format.html_yearless_date.yml	23.02.2016 14:43
core.date_format.long.yml	23.02.2016 14:43
core.date_format.medium.yml	23.02.2016 14:43
core.date_format.short.yml	23.02.2016 14:43
node.type.example_type.yml	23.02.2016 16:10
system.theme.global.yml	23.02.2016 16:05
system.theme.yml	23.02.2016 15:41

In the case of a university institution, for example, they usually have many offices, departments and dependencies that share similar characteristics and functions. Through this Drupal Installation Profile solution, the client was able to build websites with a similar structure, which each department could manage and edit according to their profile, modifying the appearance, but maintaining the basic structure predefined.

At Rootstack, we have more than 10 years of experience working with Drupal together with a team of certified engineers in this open source technology, offering our clients all of our expertise to enhance their processes and increase the productivity of their companies, regardless of the industry which they belong to.