Presentation

on

Octobercms

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Overview of octobercms

- Free and open-source CMS
- Base on laravel framework
- Simple modern template engine (Twig)
- Initial release : May 15, 2014
- Stable release : December 19, 2017(Laravel 5.1)
- Installation: 236828
- Projects started: 37101
- Plugins:486
- Themes: 103
- Required PHP version 7.0 or higher

Features of octobercms

- Modern Laravel PHP Framework
- Transparent layer between our creativity and the final result
- Manage the website without programming
- Translatable contents (With the free Translate plugin we can easily translate content to different languages)
- Powerful and Simple Customization
- Marketplace That Grows Everyday
- MVC pattern

Main Disadvantages

- Limited number of adopters
- Built in AJAX framework might make decoupling difficult
- Site layout management features limited

Support and community activity

- 337 stackoverflow questions
- Official forum with 3364 threads
- 7,800 sites built with October CMS (according to Wappalyzer)

October Pond

- Installation manager and deployment tool for Windows and Mac (Linux is TBD(to be discussed))
- After installing Pond we can start working with October right away, even if we haven't installed PHP, Apache or a database server.
- When we're ready to publish a website we created with October CMS, Pond will handle the server configuration and project deployment for us
- Initially only Apache will be supported. They can add nginx support later if we see many requests.
- When we're ready to roll out new features from development to our DigitalOcean production environment just click the Deploy button! Pond can completely provision a new DigitalOcean Droplet to run October websites.

Demo Project

I have developed simple demo project by using different themes and plugins including own plugin in octobercms

This include Blog , static About page , Career, Portfolio, contact

Used Themes

Flat UI theme

This theme uses Twitter Bootstrap as a foundation and makes it to look stunning. Currently it's the most downloaded October theme.

Used Plugins

- Translate plugin
- Static Pages plugin
- Blog
- API Generator
- Builder
- Portfolio

Builder(plugin)

This tool includes multiple features that cover almost all aspects of creating a plugin.

- Initializing a new plugin - this creates the plugin directory along with any necessary files.
- Creating and editing plugin database tables. All schema changes are saved as regular migration files, so we can easily update the plugin on other servers using your regular workflow.
- Creating model classes.
- Creating backend forms with the visual Form Builder.
- Creating back-end lists.
- Managing a list of user permissions provided by the plugin.

Builder(plugin)

- Creating plugin back-end navigation - in the form of main menu items and sidebar items.
- Creating back-end controllers and configuring their behaviors with a visual tool.
- Managing plugin versions and updates.
- Managing plugin localization files.
- A set of universal components - used for displaying data from the plugin on the front-end in form of lists and single record details.

REST API in octobercms

We can make our own Rest Api in octobercms. If we want to create an API or web service in OctoberCMS, we need to create a plugin and create a file called routes.php or we can simply create the same file in one of own plugins.

But there is different REST API plugin we can use in our octobercms, i have used the following Api plugin API Generator

Features

- Auto generate routes
- Auto Generate Controller (CRUD)
- Support relationship restful API

Thank You !

Any Questions ?