

# Headless Drupal : Modern Web Applications with MarionetteJS.

MVC Client Side

Presented by:

enzo – Eduardo Garcia



ES: <http://7sabores.com/blogs/enzo>

EN: <http://enzolutions.com/blog>



@enzolutions



enzolutions



enzo@anexusit.com

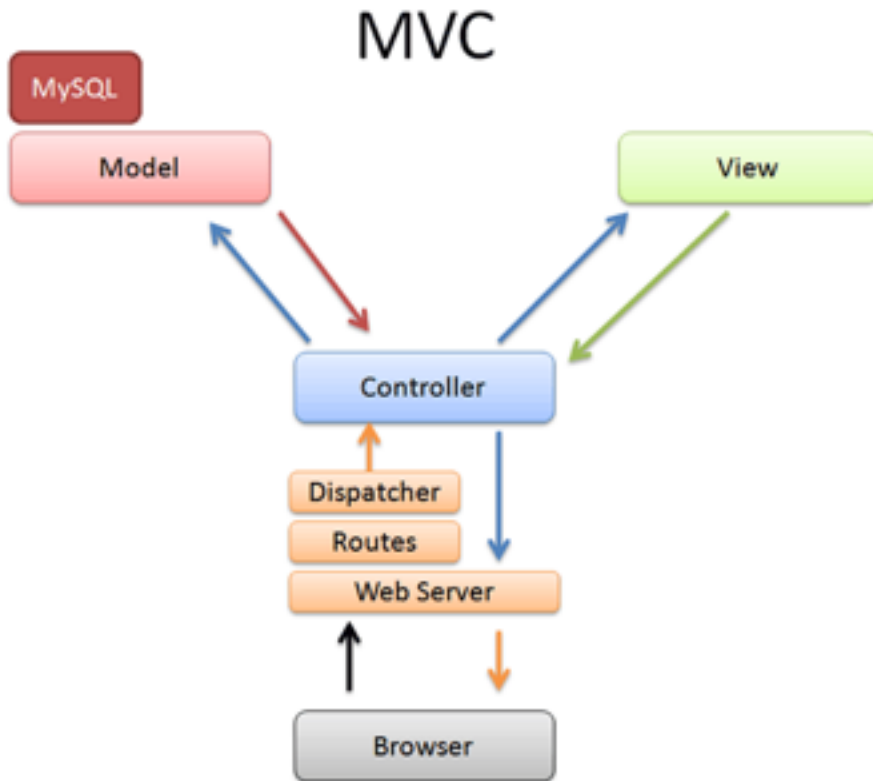


# Agenda

---

1. What is MVC?
2. MVC Client Side is required?
3. Who use Backbone/Marionette JS.
4. Demo
5. Understanding Marionette JS
6. Resources
7. Questions and Answers?

# 1. What is MVC?



- Design Pattern for Software.

Separation between data and presentation with dispatcher.

Implemented by Symfony and other frameworks

## 2. MVC Client Side is required?

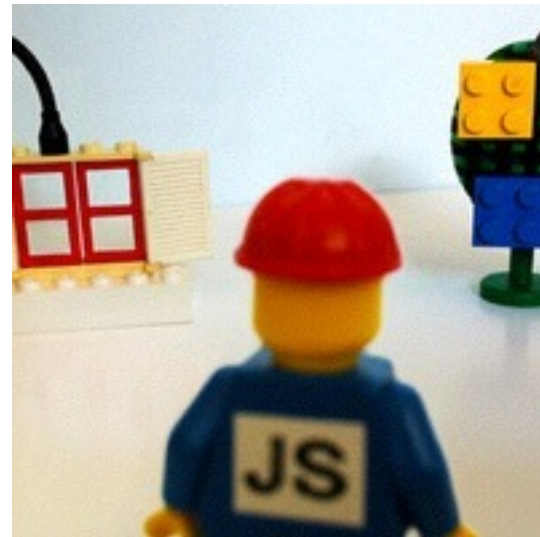
- Cascading Javascript (continuous overwriting).

Too many good ideas.

JS Plugins fever.

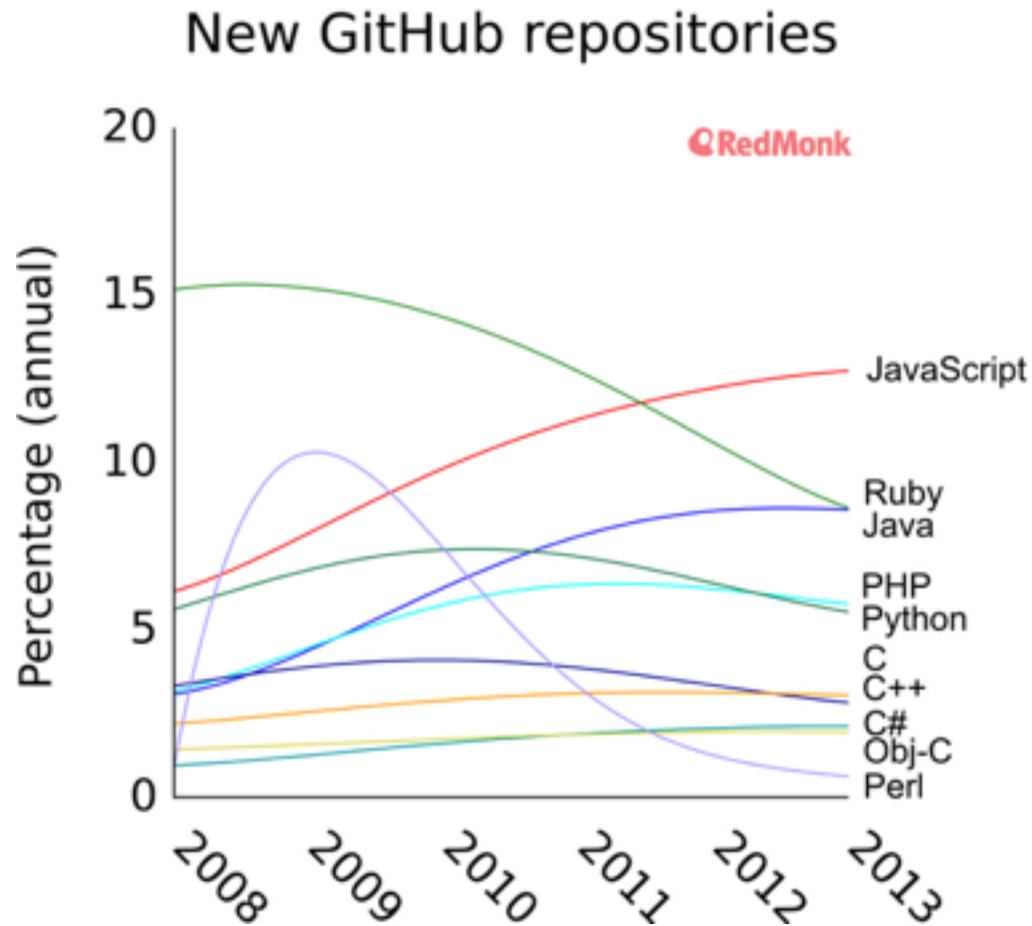
Spaghetti Code.

Code hunters.



## 2. MVC Client Side is required?

@ <https://twitter.com/dberkholz/status/395668796200849408/photo/1>



## 2. MVC Client Side is required?

- No resources available in Drupal 7, even worst in Drupal 8.

Loosing business for Drupal Universe

New project Drupal 7 or Drupal 8?

**WE'RE  
HIRING!**

## 2. MVC Client Side is required?

- Time to Market.

Use more FrontEnd Developers  
(HTML, CSS, JS, NO Drupal)

Use few strong Drupal Backend  
Developer (Services).

Fast creation of MVP.



### 3. Who use Backbone?





### 3. Who use Marionette JS.?



## 4. Demo



<http://enzolutions.com/marionette-waterbed>  
<http://enzolutions.com/marionette-timeline/>



## 5. Understanding Marionette JS

- Use underscore.js (set of basic functions for JS).
- Extend backbone.js
- Implement template functions with twig.js (View)
- Implement data representation ( Model/Collections)
- Implement routing and controller.



**Marionette**<sup>js</sup>



## 5. Understanding Marionette JS

- Memory management and zombie-killing.
- Application oriented.
- Layouts ( Nested views)
- Event Manager
- Others

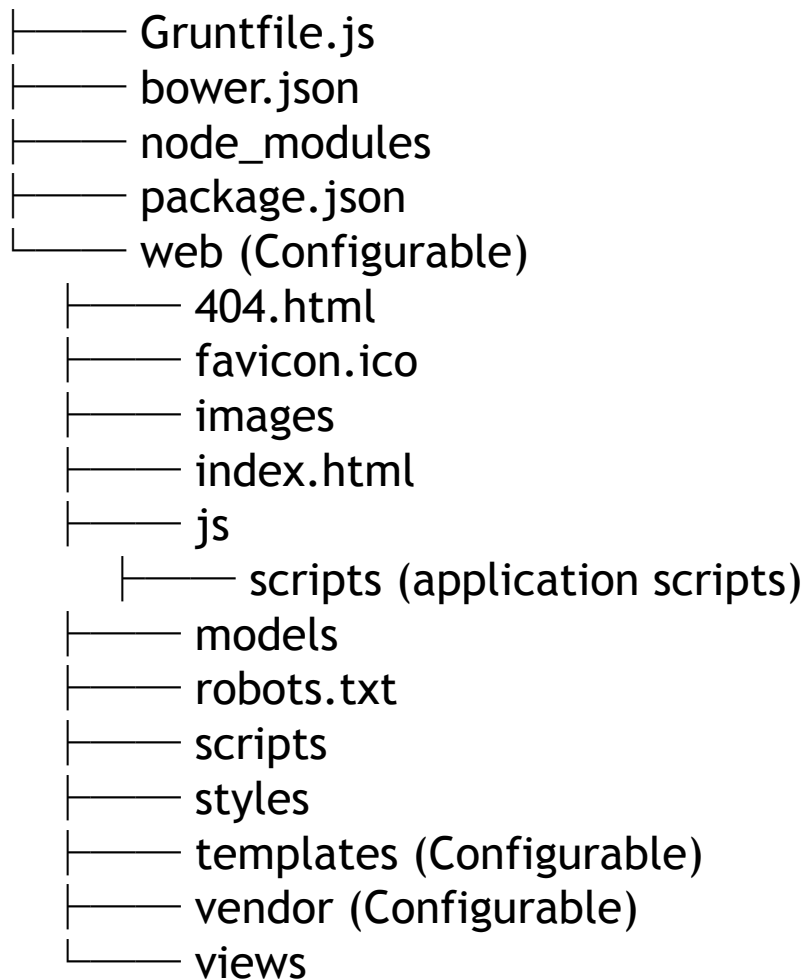


**Marionette**<sup>JS</sup>



## 5. Understanding Marionette JS

### Skeleton Structure



## 6. Resources

<https://groups.drupal.org/headless-drupal>



<https://github.com/enzolutions/generator-marionette-drupal>



<https://github.com/enzolutions/marionette-skeleton-app>



<https://github.com/enzolutions/marionette-cascading-select>



<https://github.com/enzolutions/marionette-timeline>



<https://github.com/enzolutions/marionette-waterbed>

## 6. Resources



<http://github.com/enzolutions/drupal-backbone-user-manager>



<https://github.com/enzolutions/drupal-backbone-node-edit-in-place>



<http://github.com/jashkenas/underscore/>



<http://github.com/jashkenas/backbone/>



<http://github.com/jashkenas/backbone/wiki/Extensions,-Plugins,-Resources>

<http://backboneconf.com/>

<http://backplug.io/>

# ¿Questions and Answers?



ES: <http://7sabores.com/blogs/enzo>

EN: <http://enzolutions.com/blog>



@enzolutions



enzolutions



enzo@anexusit.com



Presented by:  
enzo – Eduardo Garcia



Webinar - July 2014