

# Large scale JS applications with MarionetteJS + Drupal.

MVC Client Side

Presented by:  
enzo – Eduardo Garcia



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

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



@enzolutions



enzolutions



enzo@anexusit.com

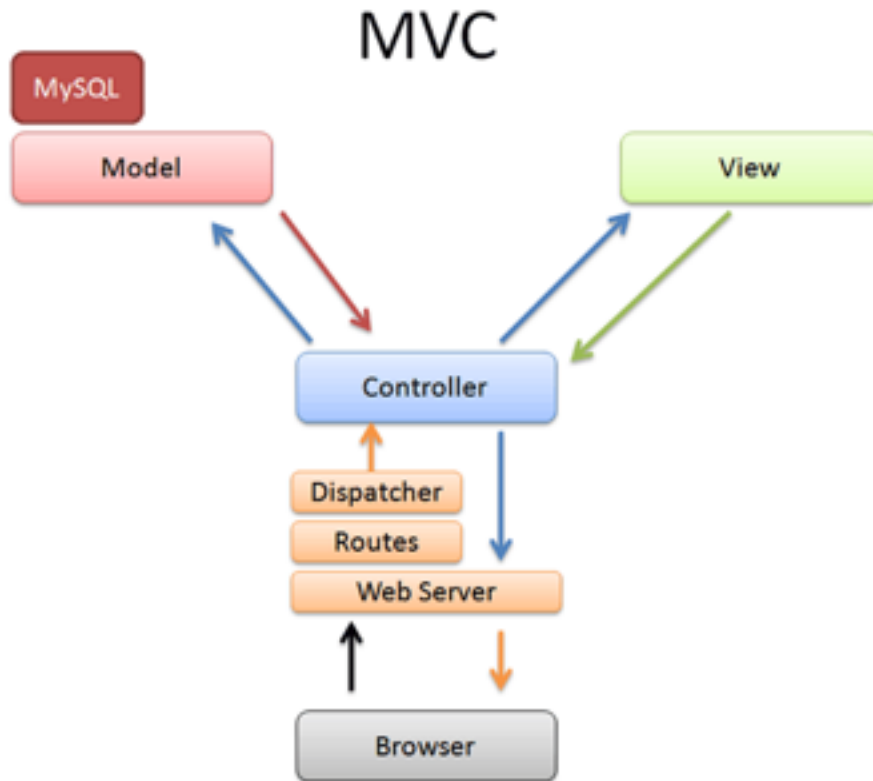


# Agenda

---

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?

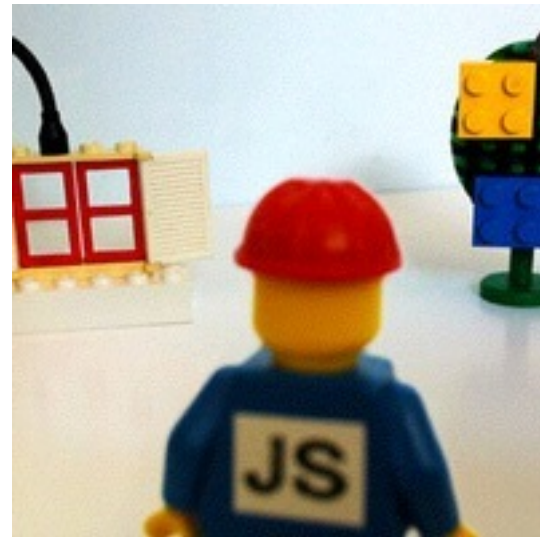
# 1. What is MVC?



- Design Pattern for Software.
- Separation between data and presentation with dispatcher.
- Implemented by Symfony and other frameworks

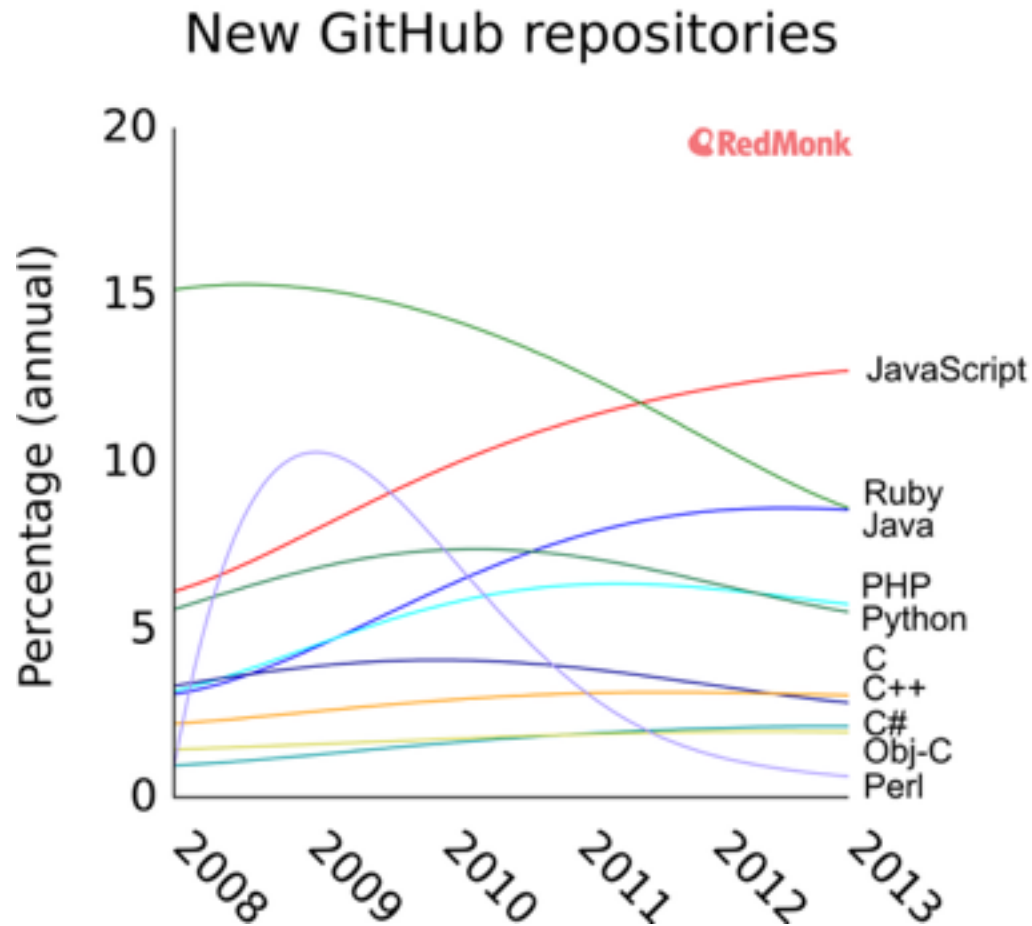
## 2. MVC Client Side is required?

- 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

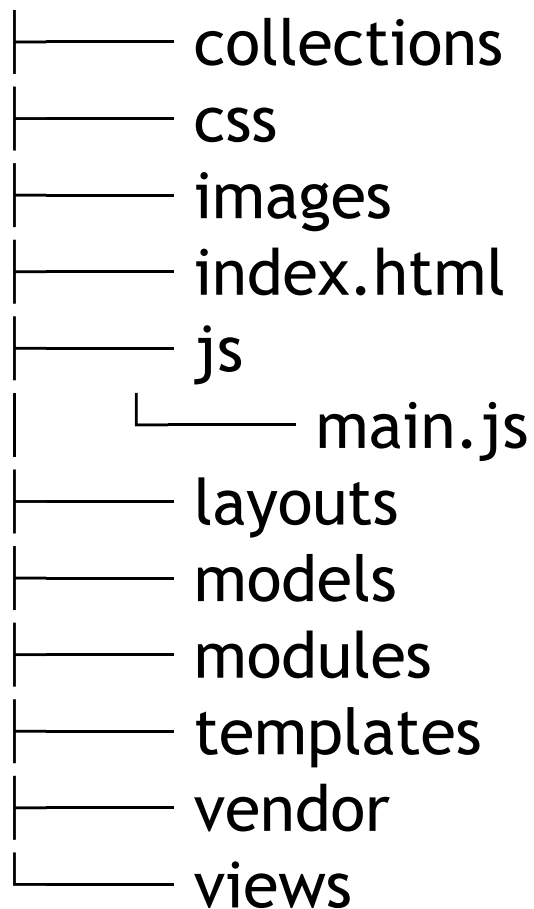
- Memory management and zombie-killing.
- Application oriented.
- Layouts ( Nested views)
- Event Manager
- Others



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



# Skeleton Structure



## 6. Resources



<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>



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

## 6. Resources



<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 por:  
enzo – Eduardo Garcia



DrupalCon, Austin 2014