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
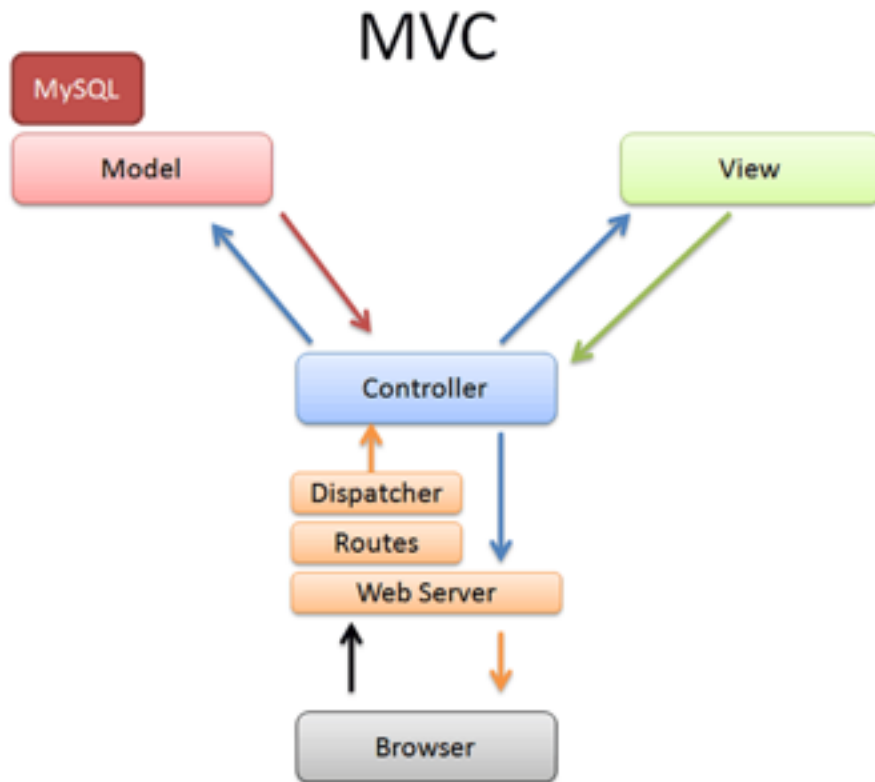
@enzolutions

enzolutions

enzo@anexusit.com

DrupalCon, Austin 2014

Agenda

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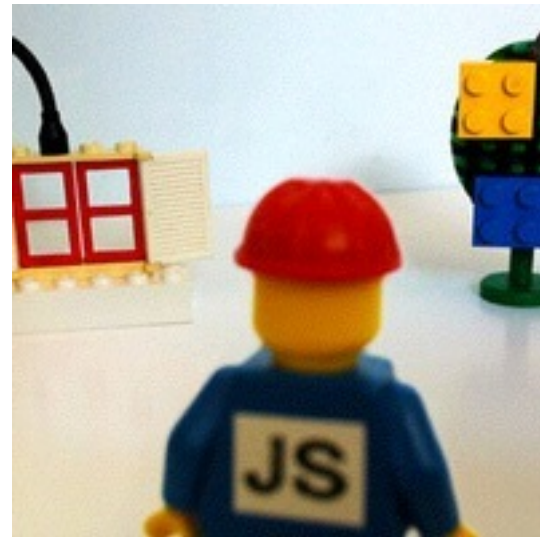5. Understanding Marionette JS
6. Resources
7. Questions and Answers?

anexusit

1. What is MVC?

MVC

- Design Pattern for Software.

- Separation between data and presentation with dispatcher.

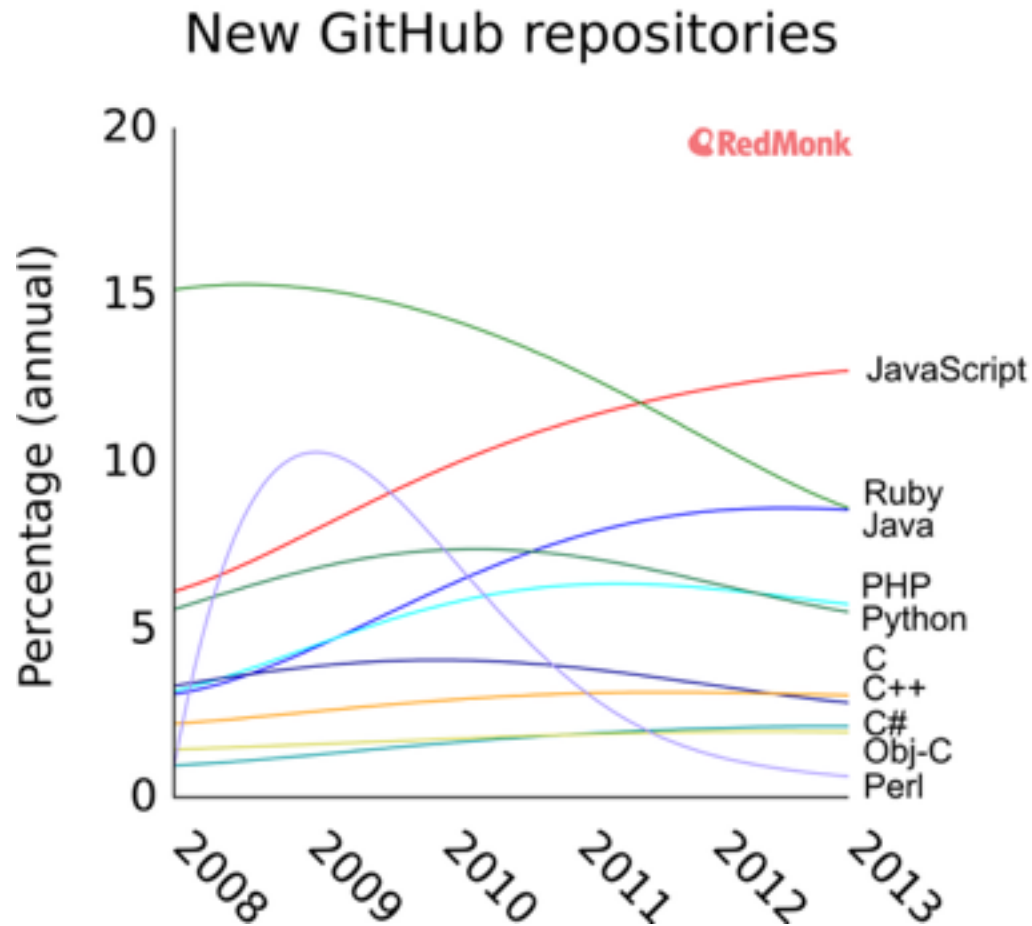- Implemented by Symfony and other frameworks

anexusit

2. MVC Client Side is required?

- Cascading Javascript (continuos overwriting).

- Too many good ideas.

- JS Plugins fever.

- Spaghetti Code.

- Code hunters.

anexusit

2. MVC Client Side is required?

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

New GitHub repositories

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

- Loosing business for Drupal Universe

- New project Drupal 7 or Drupal 8?

anexusit

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.

anexusit

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)

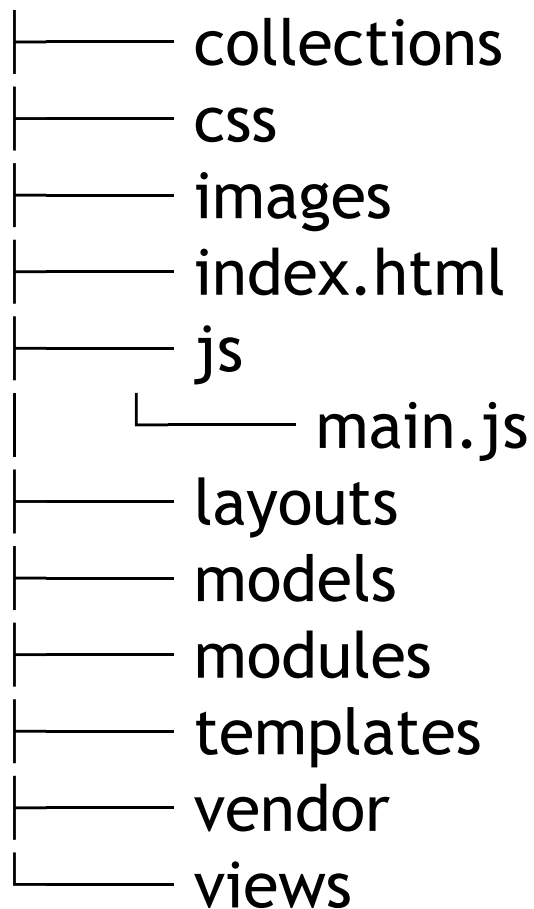- Implement routing and controller.

5. Understanding Marionette JS

- Memory management and zombie-killing.

- Application oriented.

- Layouts (Nested views)

- Event Manager

- Others

Skeleton Structure

```
├────── collections
├────── css
├────── images
├────── index.html
├────── js
│       └────── main.js
├────── layouts
├────── models
├────── modules
├────── templates
├────── vendor
└────── views
```


Marionette^{js}

anexusit

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

anexusit

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/

anexusit

¿Questions and Answers?

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

EN: http://enzolutions.com/blog

@enzolutions

enzolutions

enzo@anexusit.com

anexusit

Presented por:
enzo – Eduardo Garcia

DrupalCon, Austin 2014