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
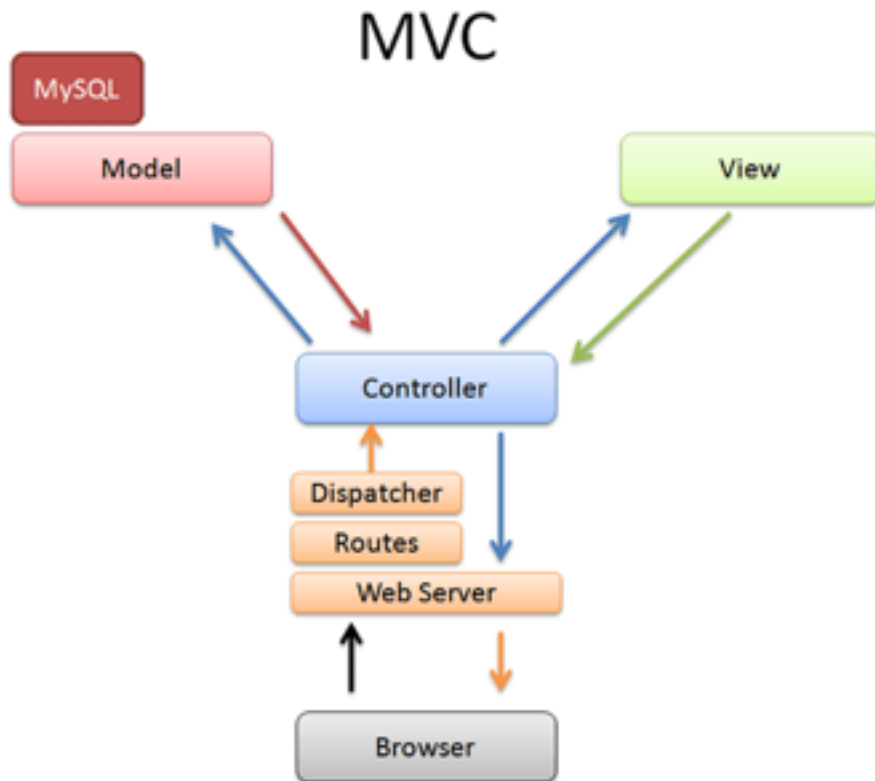
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Agenda

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?

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MVC

- Design Pattern for Software.

  Separation between data and presentation with dispatcher.

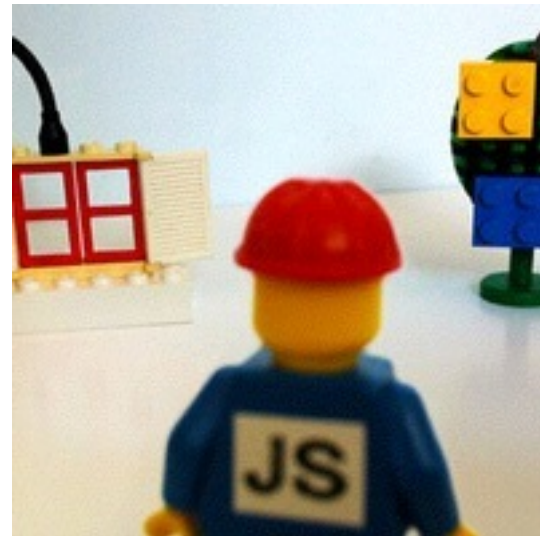 Implemented by Symfony and other frameworks

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- Cascading Javascript (continuos overwriting).

Too many good ideas.

JS Plugins fever.

Spaghetti Code.

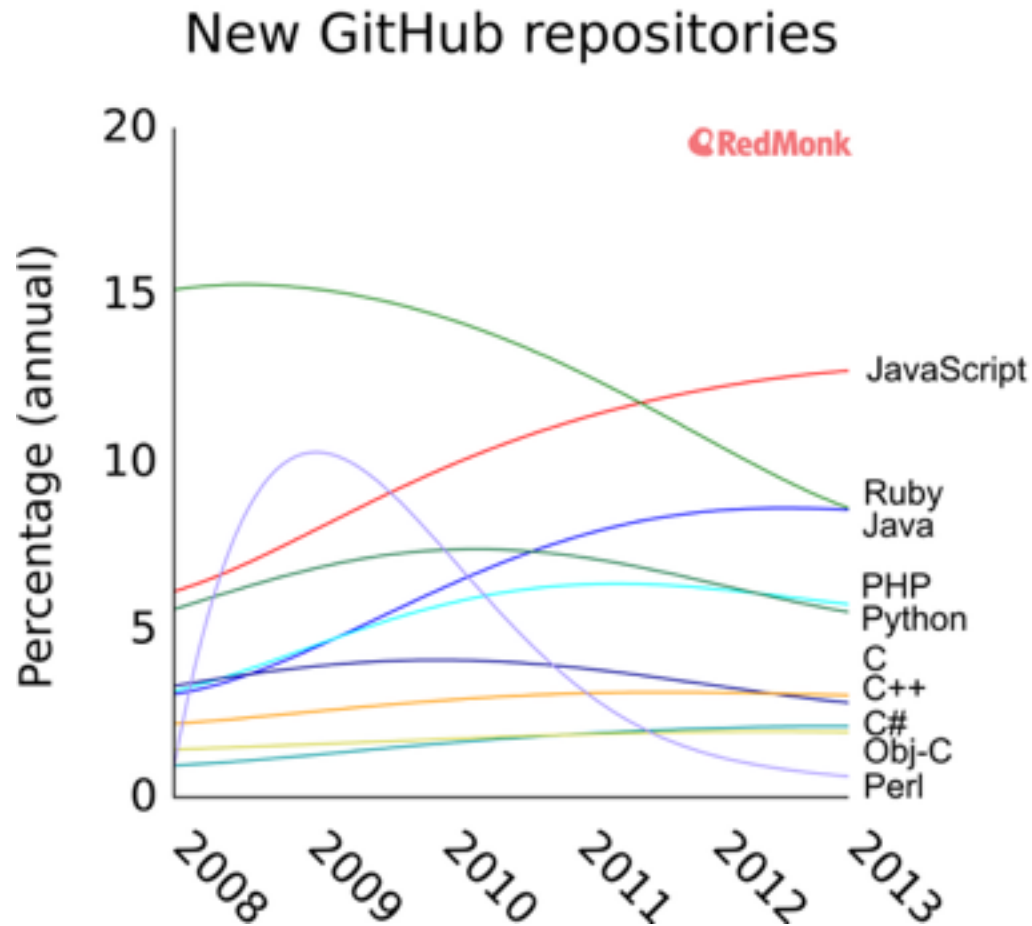Code hunters.

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2. MVC Client Side is required?

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

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

Loosing business for Drupal Universe

New project Drupal 7 or Drupal 8?

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.

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3. Who use Backbone?

3. Who use Marionette JS.?

4. Demo

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

Marionette®

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- 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.

- Memory management and zombie-killing.

- Application oriented.

- Layouts (Nested views)

- Event Manager

- Others

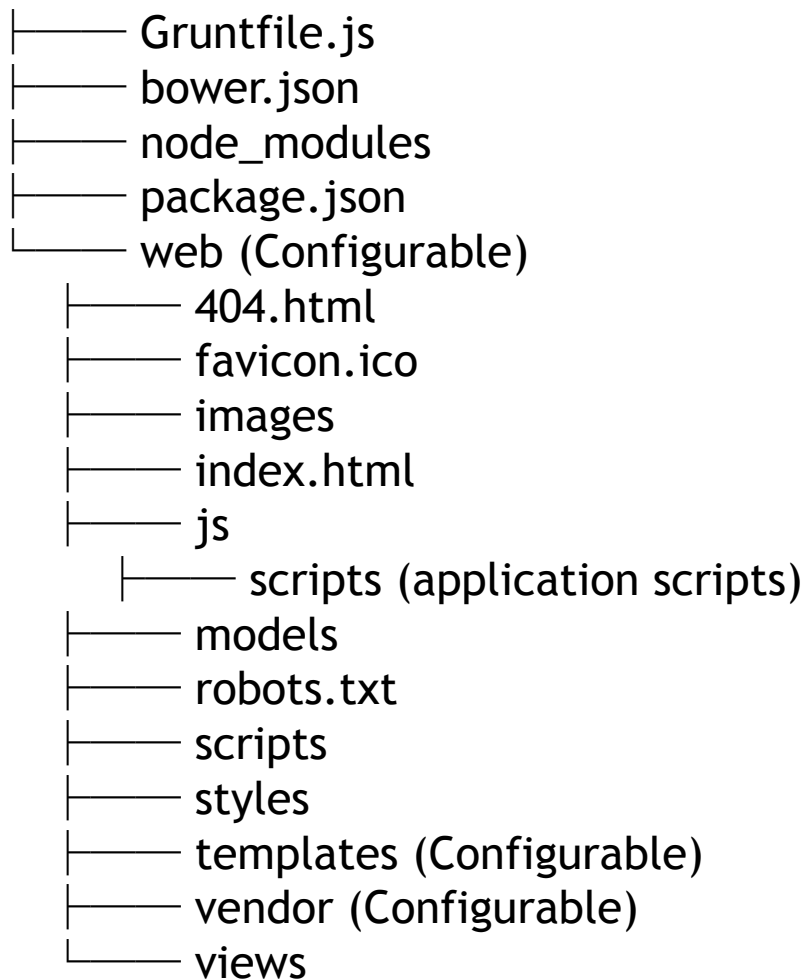# Skeleton Structure

```
├─────── Gruntfile.js
├─────── bower.json
├─────── node_modules
├─────── package.json
└─────── web (Configurable)
        ├─────── 404.html
        ├─────── favicon.ico
        ├─────── images
        ├─────── index.html
        ├─────── js
            ├─────── scripts (application scripts)
        ├─────── models
        ├─────── robots.txt
        ├─────── scripts
        ├─────── styles
        ├─────── templates (Configurable)
        ├─────── vendor (Configurable)
        └─────── views
```

Marionette *js*

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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

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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/

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¿Questions and Answers?

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