



# ROBOTS HATE YOUR SINGLE-PAGE APP, LONG LIVE THE ROBOT

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# Hello World!

My name is Niklas, I'm on the internet:

[http://nikc.org/+](http://nikc.org/)

[http://nikc.org/@  
\(@nikcorg\)](http://nikc.org/)

# A Single-Page App

```
<!doctype html>
<html>
<head>
  <meta charset="utf-8">
  <title>My Awesome Single-Page App</title>
  <script src="/js/app.js"></script>
</head>
<body/>
</html>
```

# Robots?

YAHOO!

Linked in

Google

<https://developers.google.com/webmasters/ajax-crawling/>

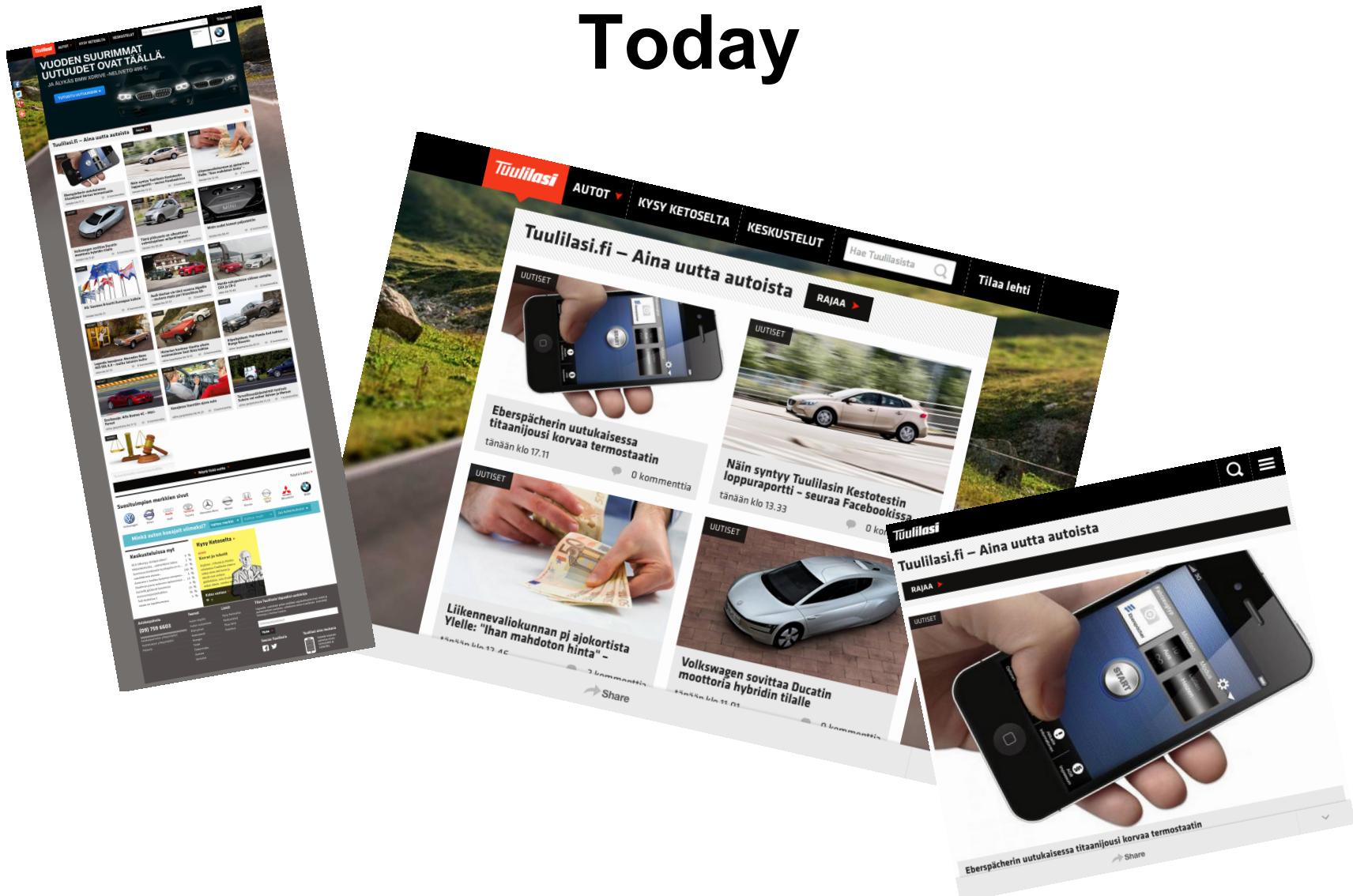
facebook

twitter

# From Start to Finish



# Today



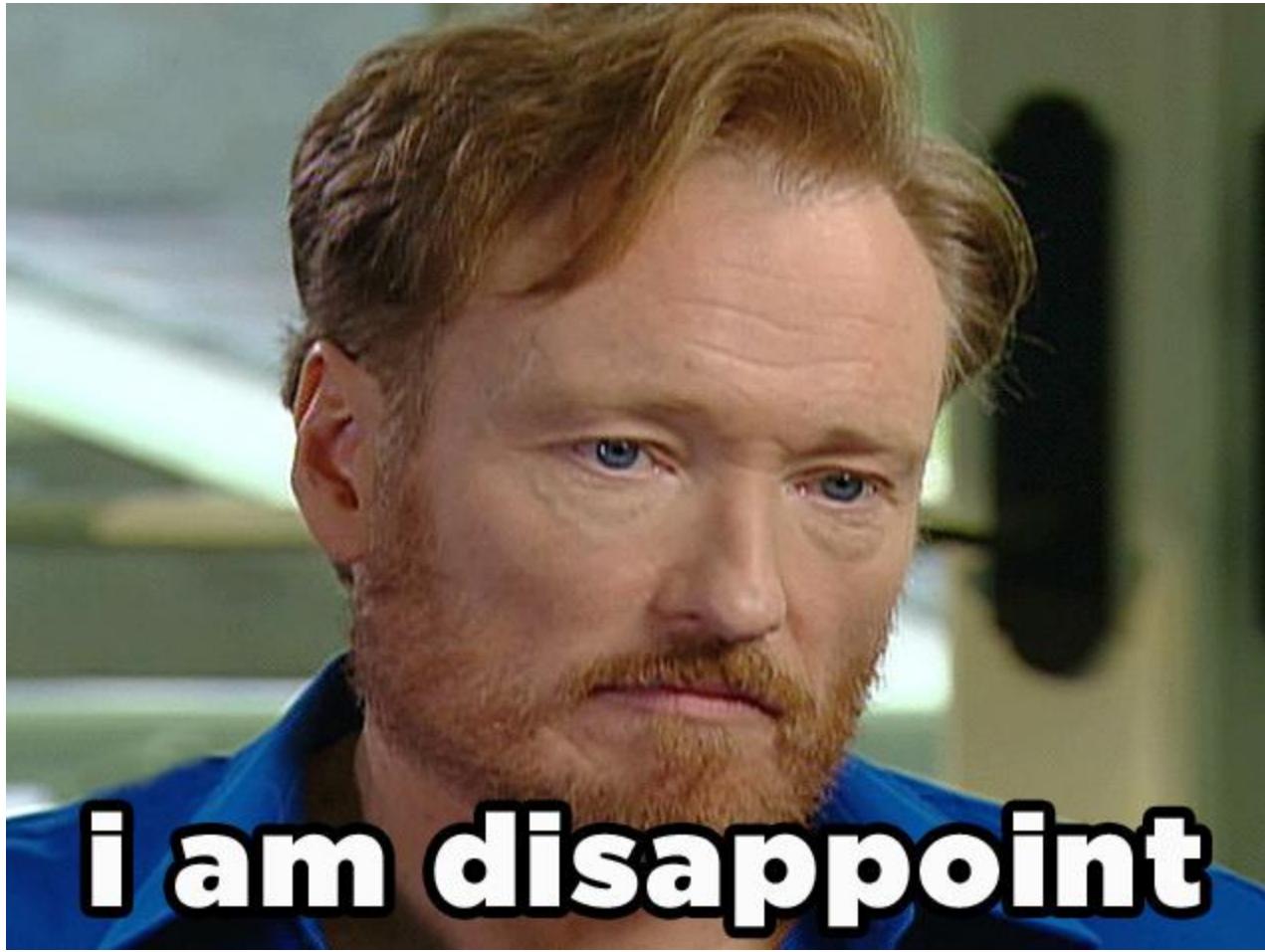
# Rewind 9 Months



**Sharing is Caring**

# **Choosing the Building Blocks**

# **Backbone & Underscore**



**i am disappoint**

# **LayoutManager**

**&**

# **jQuery / Cheerio**

<http://layoutmanager.org/>

# **Q.js**

<https://github.com/kriskowal/q>

# **Handlebars**

# **A Quick Aside About Modules**

# **UMD**

<https://github.com/umdjs/umd>

# Cajon

<https://github.com/requirejs/cajon>

# RequireJS

<http://requirejs.org/>

# **Code Sharing Demo**

<https://github.com/nikcorg/commonjs-and-amd>

**#Include Drupal**

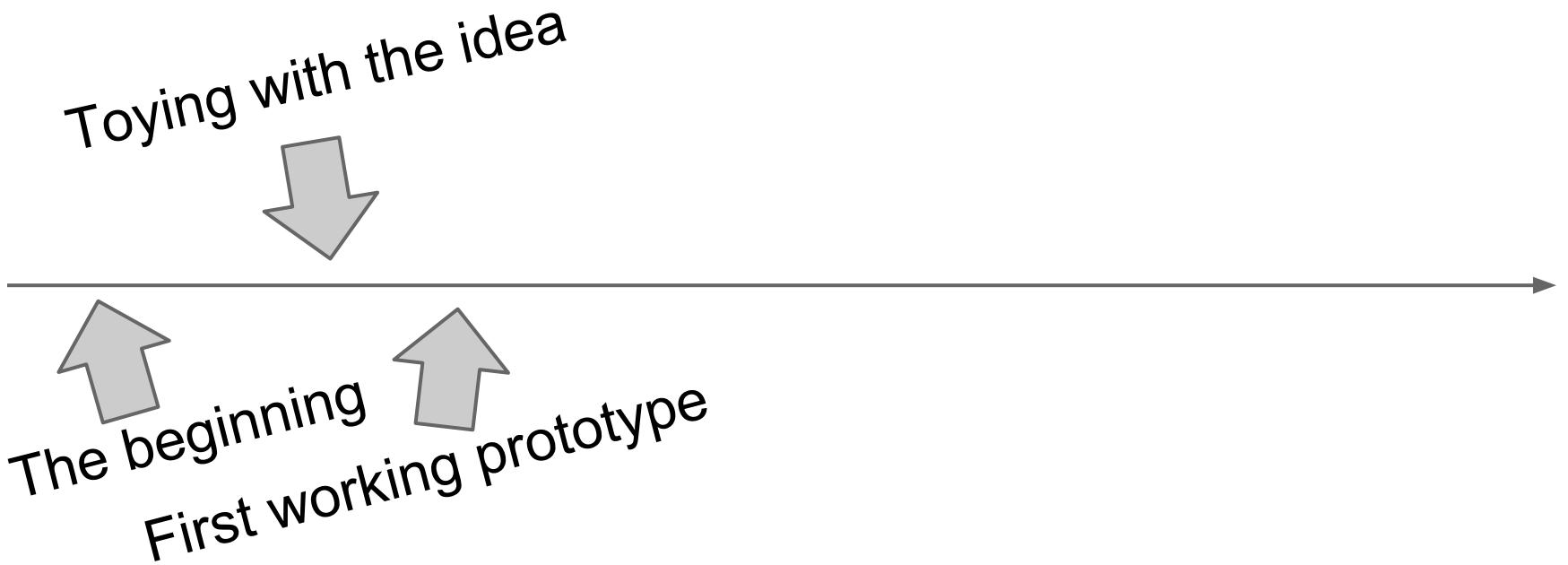
# **Getting the Ball Rolling**

# **Talk HTTP to Me**

**Wait...Wait...Wait...Wait...OK**

# **Finding Our Way to the Data**

# This Might Actually Work



**Dear Button,**



**Y U NO CLICK?**

# **Rebooting in the Browser**

# Rebooting in the Browser

```
var FooView = module.exports = Backbone.Layout.extend({  
});
```

# Rebooting in the Browser

```
var FooView = module.exports = Backbone.Layout.extend({  
  events: {  
    "change select": "onClick",  
    "submit": "onSubmit"  
  },  
  onClick: function (ev) {  
    // Magic  
  },  
  onSubmit: function (ev) {  
    // More magic  
  }  
}) ;
```

# Rebooting in the Browser

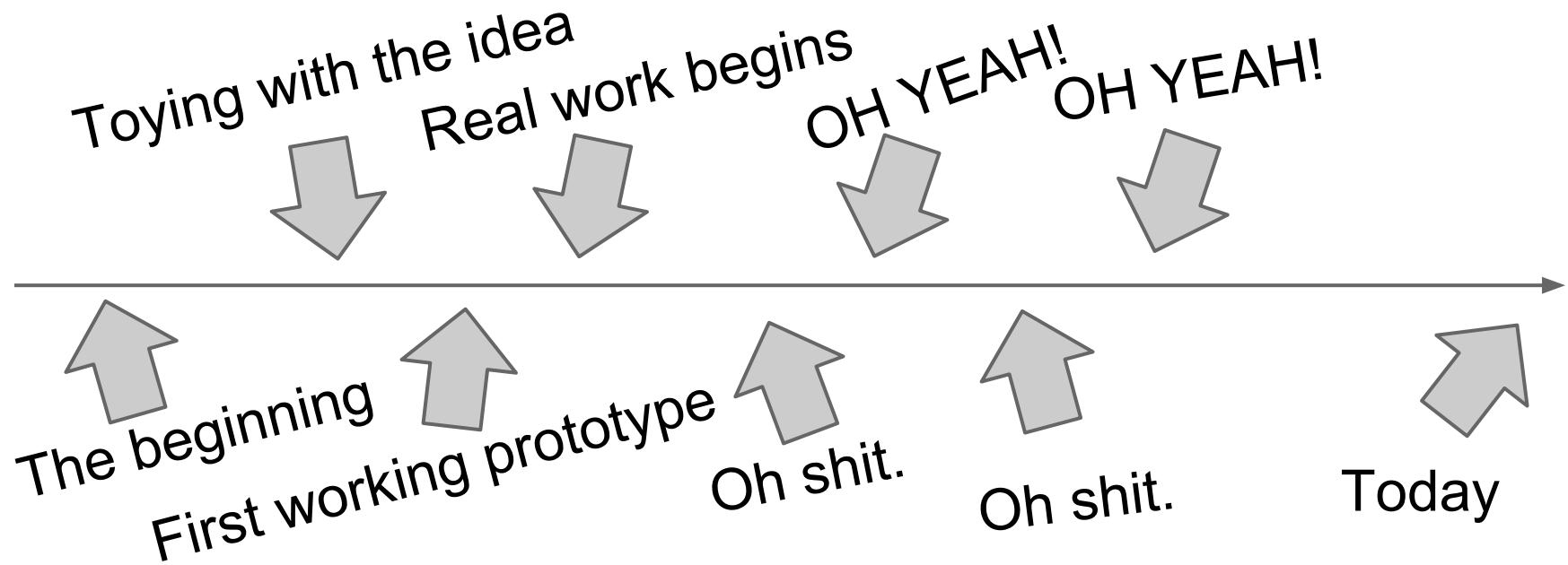
```
var FooView = module.exports = Backbone.Layout.extend({  
  attributes: {  
    "data-reboot-as": "views/foo"  
  }  
}) ;
```

# Rebooting in the Browser

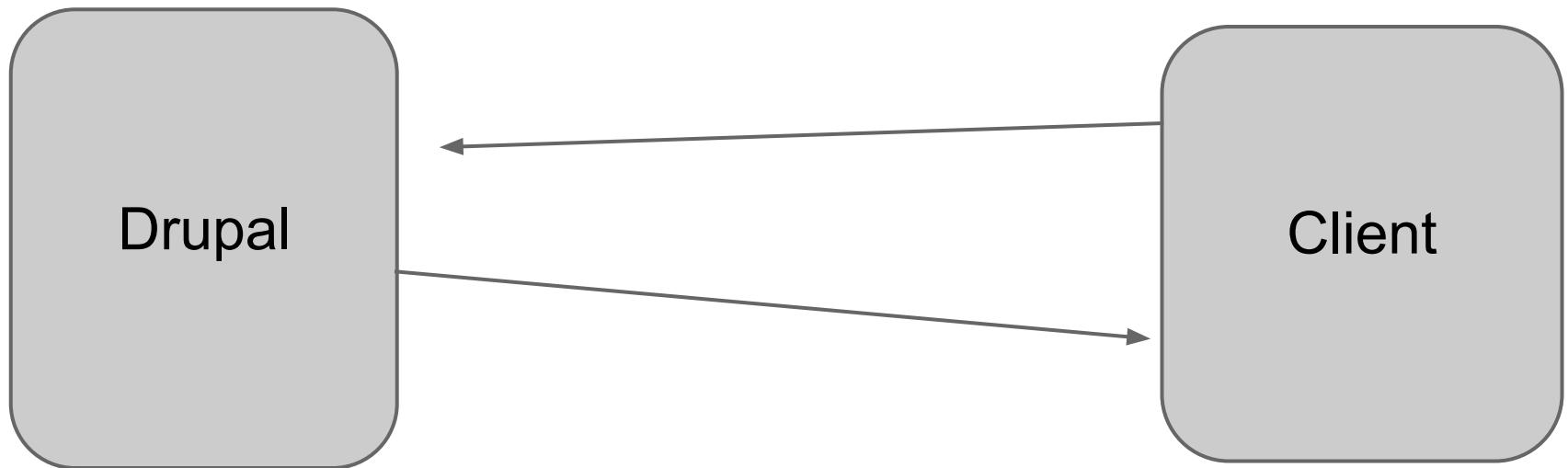
```
var FooView = module.exports = Backbone.Layout.extend({  
  attributes: {  
    "data-reboot-as": "views/foo"  
  },  
  staticInit: function () {  
    // Hello World!  
  }  
}) ;
```

**Academia Is Perfect For  
Laboratory Conditions**

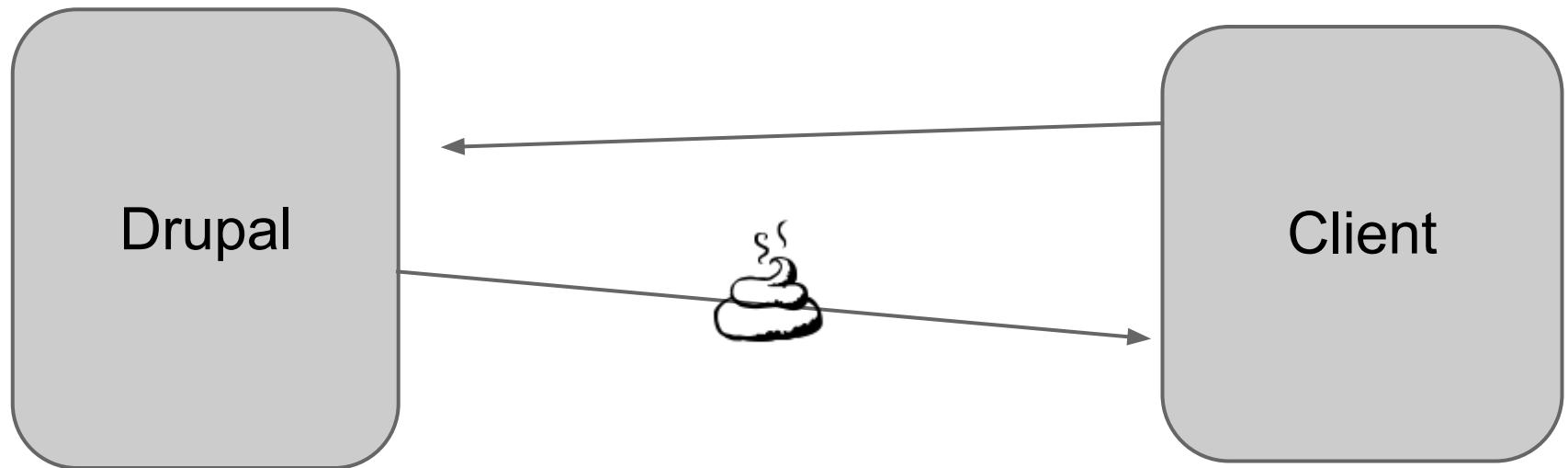
# From Start to Finish



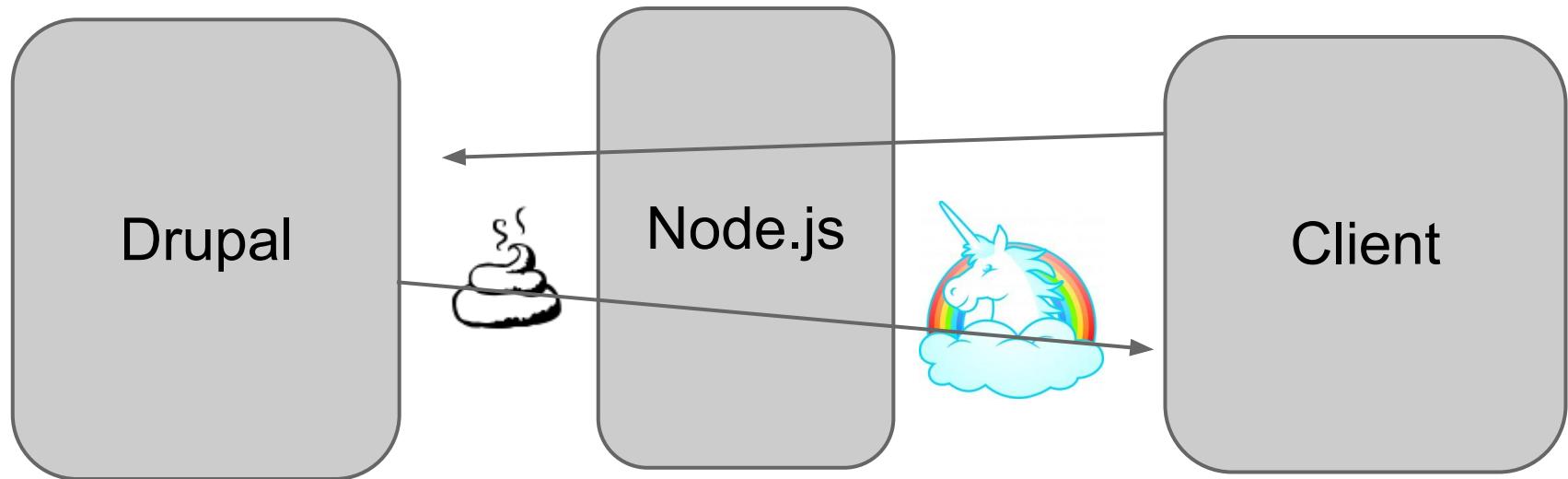
# Working With A Less Than Ideal API



# Working With A Less Than Ideal API



# #Include Drupal+Magic



# **The Joy of Existing in More Than One Environment**

# **Self-Contained Views**

# **No Hard Dependencies**

**There's Always an Exception**

# **Third Party Integrations**

**What if I Don't Want a  
Single-Page App?**

**What a Shiny Toy!  
Can I Play With It?**

# **Questions?**

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