Warming Up With ember.js

Level 3 - A Route Through the Woods

Related and Dynamic Routes

Review

Added a resource route

app.js

```
App.Router.map(function() {
  this.route('about');
  this.resource('products');
});

App.ProductsRoute = Ember.Route.extend({
  model: function() {
    return App.PRODUCTS;
  }
});
```

```
{
  title: 'Flint',
  price: 99,
  description: 'Flint is…',
  isOnSale: true,
  image: 'flint.png'
}
```

Create a Route to provide the model

How would we create a page for a specific product? Based on title?

Adding a Singular Route

app.js

```
App.Router.map(function() {
  this.route('about');
  this.resource('products');
  this.resource('product');
});
```

Nothing unique to a specific product in path

We need a path with a parameter.

Maybe #/products/<product_title>

Dynamic Segment Routes

app.js

```
App.Router.map(function() {
  this.route('about');
  this.resource('products');
  this.resource('product', { path: '/products/:title' });
});
```

http://example.org#/products/Flint

```
{ title: 'Flint' }
```

http://example.org#/products/4

```
{ title: '4' }
```

Our route object can use the title

Logging out Params from the Route

app.js

```
App.Router.map(function() {
  this.route('about');
  this.resource('products');
  this.resource('product', { path: '/products/:title' });
});

App.ProductRoute = Ember.Route.extend({
  model: function(params) {
    console.log(params);
  }
});
```

http://example.org#/products/Flint

```
{ title: 'Flint' }
```

Returning a Single Object

app.js

```
App.ProductRoute = Ember.Route.extend({
  model: function(params) {

  }
});
```

We need to lookup a PRODUCT
with title of params.title

```
App.PRODUCTS = [
  {
    title: 'Flint',
    price: 99,
    description: 'Flint is…',
    isOnSale: true,
    image: 'flint.png'
  },
  {
    title: 'Kindling',
    price: 249,
    description: 'Easily…',
    isOnSale: false,
    image: 'kindling.png'
  }
];
```

findBy Array Helper

Ember adds helpers to JavaScript base objects, in this case to Array.

```
App.ProductRoute = Ember.Route.extend({
  model: function(params) {
    return App.PRODUCTS.findBy('title', params.title);
  }
});
```

http://example.org#/products/Flint

```
{
  title: 'Flint',
  price: 99,
  description: 'Flint is…',
  isOnSale: true,
  image: 'flint.png'
}
```

Our Product Template

index.html

```
<script type='text/x-handlebars' data-template-name='product'>
  <h2>{{title}}</h2>
  <p>{{description}}</p>
  <p>Buy for ${{price}}</p>
</script>
```

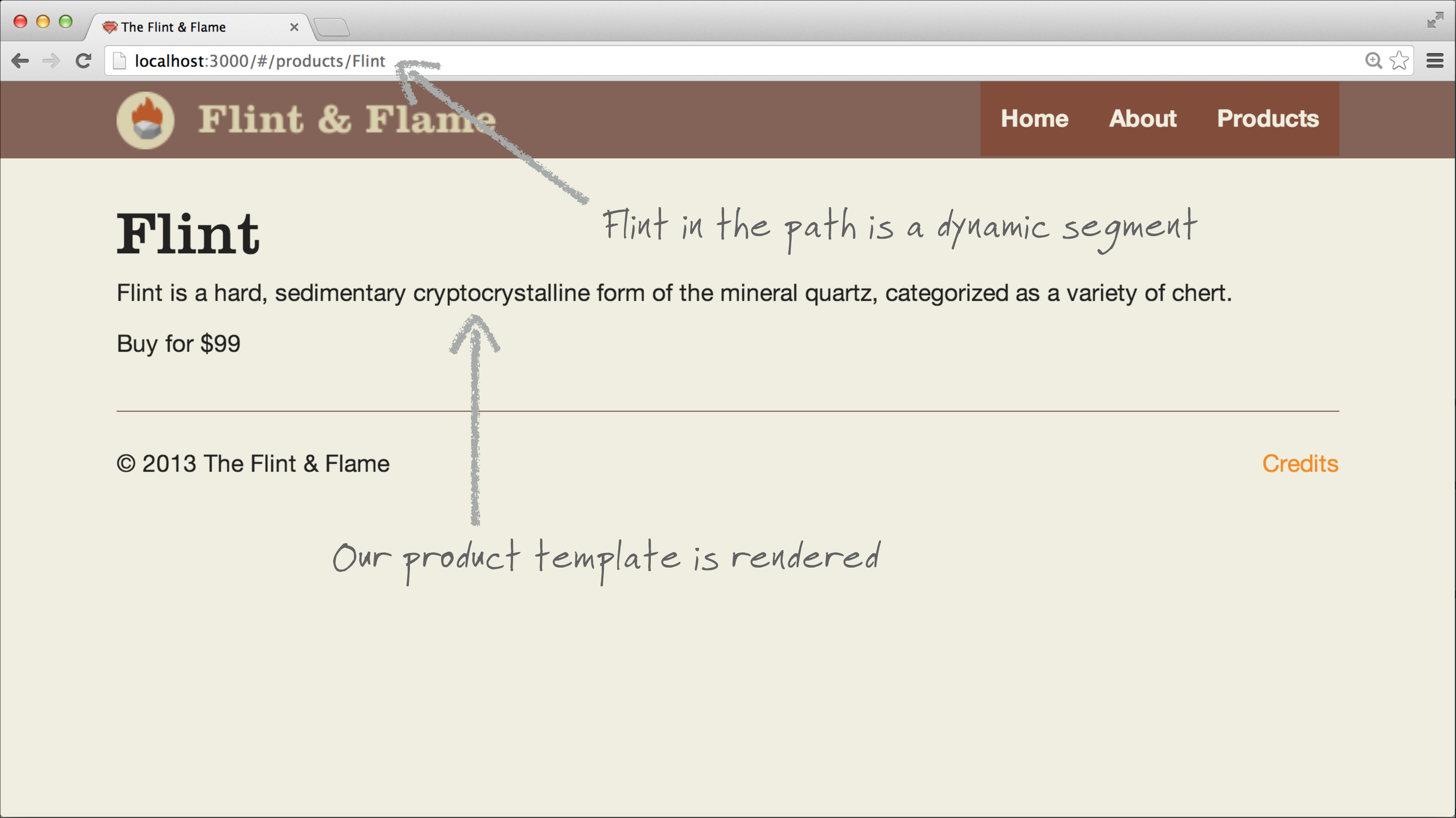
```
{
  title: 'Flint',
  price: 99,
  description: 'Flint is…',
  isOnSale: true,
  image: 'flint.png'
}
```

First looks in the controller for properties

Controller

Second looks in the model for properties

Model


The Flint & Flame
localhost:3000/#/products/Flint
Flint & Flame
Home
About
Products
Flint
Flint is a hard, sedimentary cryptocrystalline form of the mineral quartz, categorized as a variety of chert.
Buy for $99
© 2013 The Flint & Flame
Credits
Flint in the path is a dynamic segment
Our product template is rendered

Styling Our Product

index.html

```
<script type='text/x-handlebars' data-template-name='product'>
  <div class='row'>
    <div class='col-md-7'>
      <h2>{{title}}</h2>
      <h3 class='text-success'>${{price}}</h3>
      <p class='text-muted'>{{description}}</p>
    </div>
    <div class='col-md-5'>
      <img {{bind-attr src='image'}} class='img-thumbnail img-rounded'/>
    </div>
  </div>
</script>
```

Our more detailed view of a product

Linking To a Product

index.html

```
<script type='text/x-handlebars' data-template-name='products'>
 {{each}}
    {{#link-to 'product' this classNames='list-group-item'}}
      {{title}}
    {{/link-to}}
  {{/each}}
</script>
```

Pass in the product we want to link to

The link-to helper knows to use the **`this.title`** value in the URL since we defined our route with **`:title`** in the Router.

```
this.resource('product', { path: '/products/:title' });
```

Thus....

```
{{#link-to 'product' this}}
```

→

```
/products/Flint
```

The Flint & Flame

localhost:3000/#/products/Flint

Flint & Flame

Home About Products

Flint

Kindling

Flint

$99

Flint is a hard, sedimentary cryptocrystalline form of the mineral quartz, categorized as a variety of chert.

© 2013 The Flint & Flame

Credits