TRP.
407
try
ember

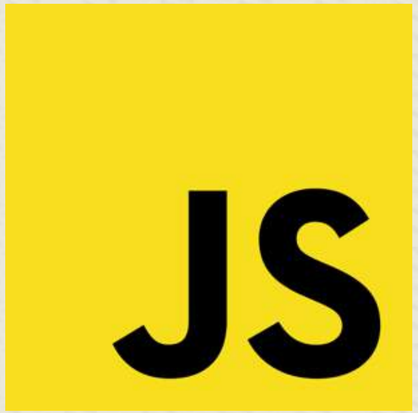
Level 1

Getting Started

What Is Ember?

Your Knowledge Coming In

Must Know



Not as Important

Ruby, Python, Java, PostgreSQL, MySQL, etc.

Should Have

A framework for creating **ambitious** web applications

```
npm install -g ember-cli
ember new my-app
```

MORE PRODUCTIVE OUT OF THE BOX.

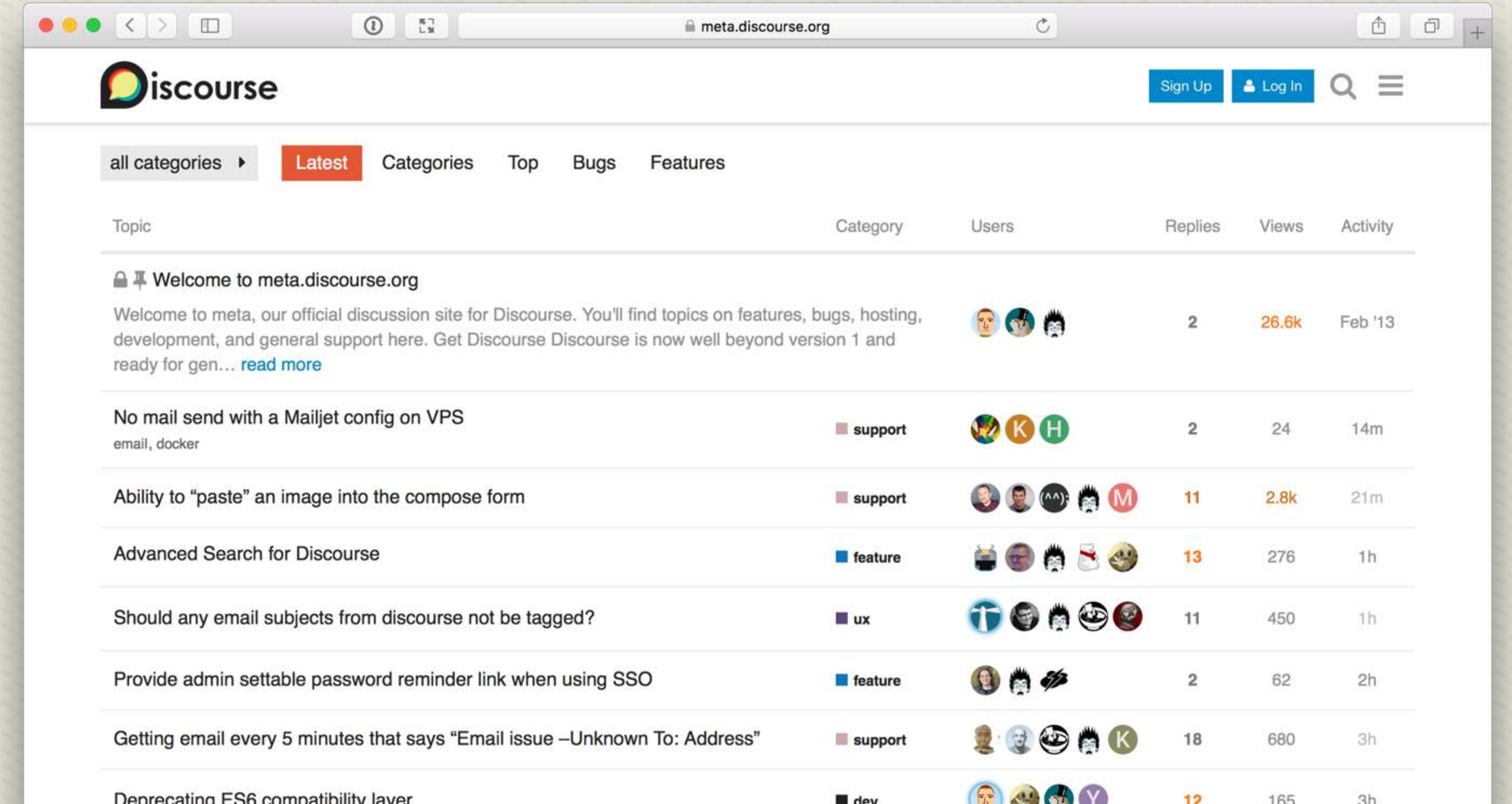
Write dramatically less code with Ember's Handlebars integrated templates that update automatically when the underlying

Don't waste time making trivial choices. Ember.js incorporates common idioms so you can focus on what makes your app special

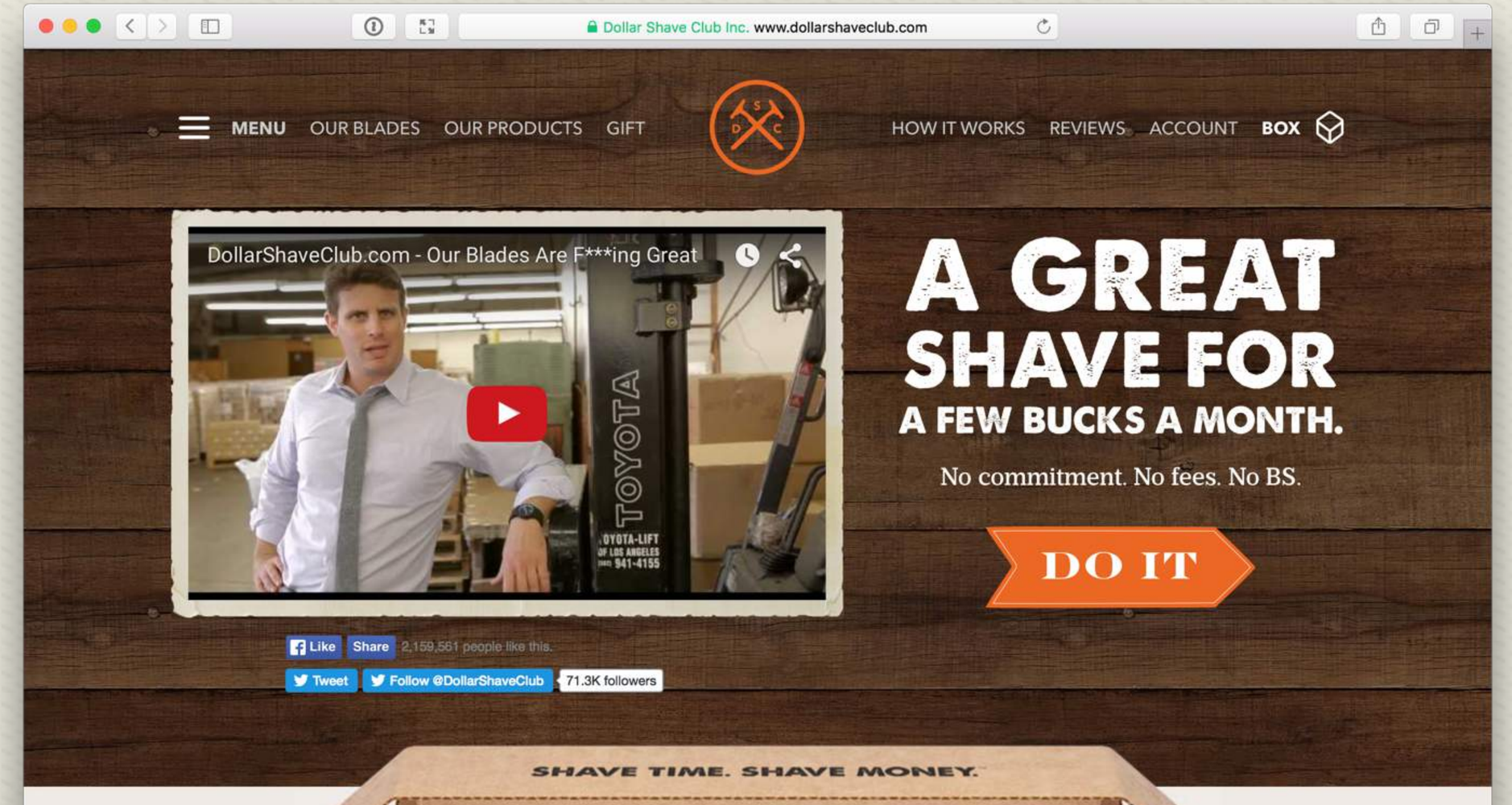
Ember.js is built for productivity. Designed with developer ergonomics in mind, its friendly APIs help you get your job done—

Others Using *ember*

Discourse



Others Using *ember*



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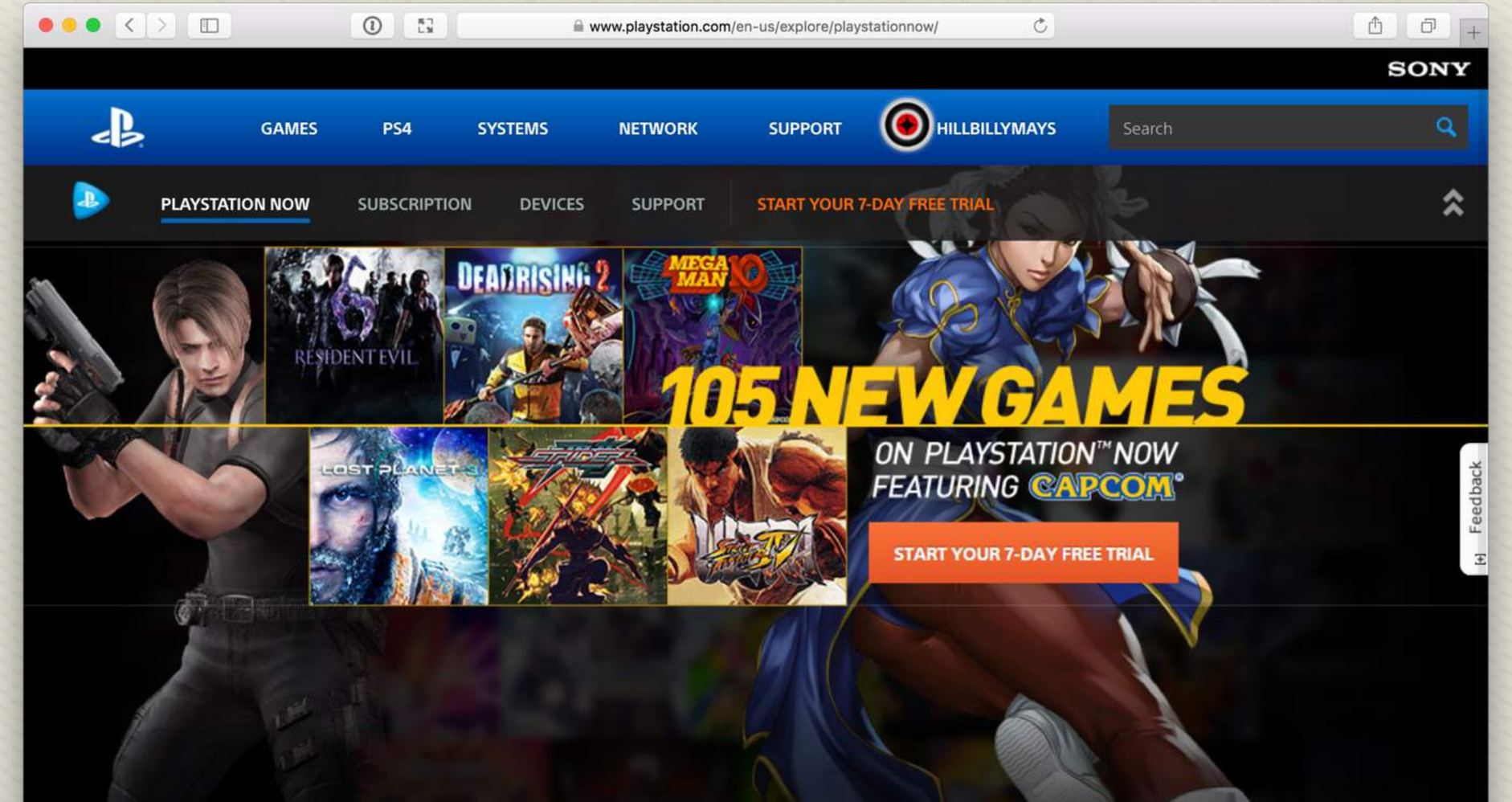

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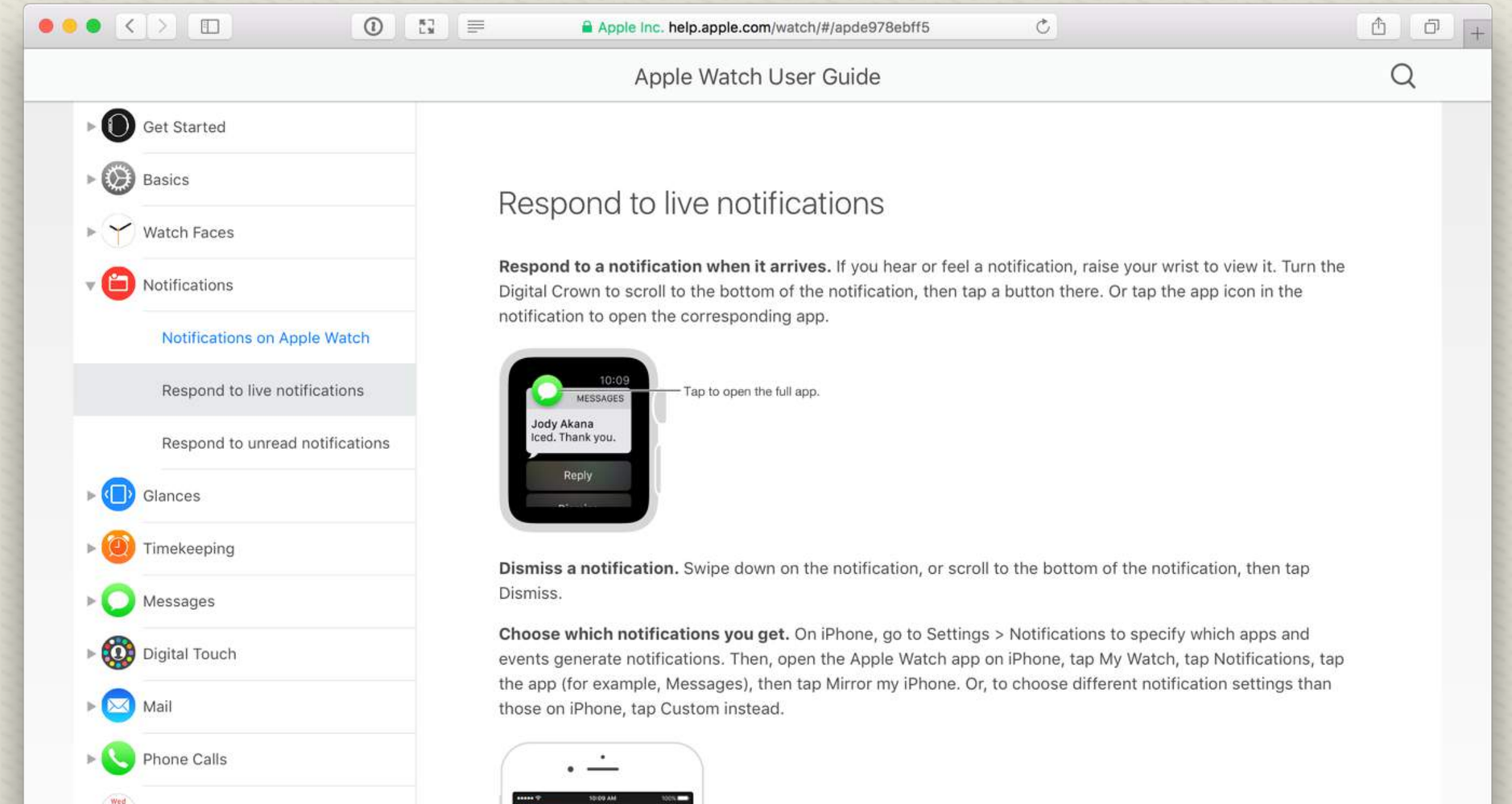

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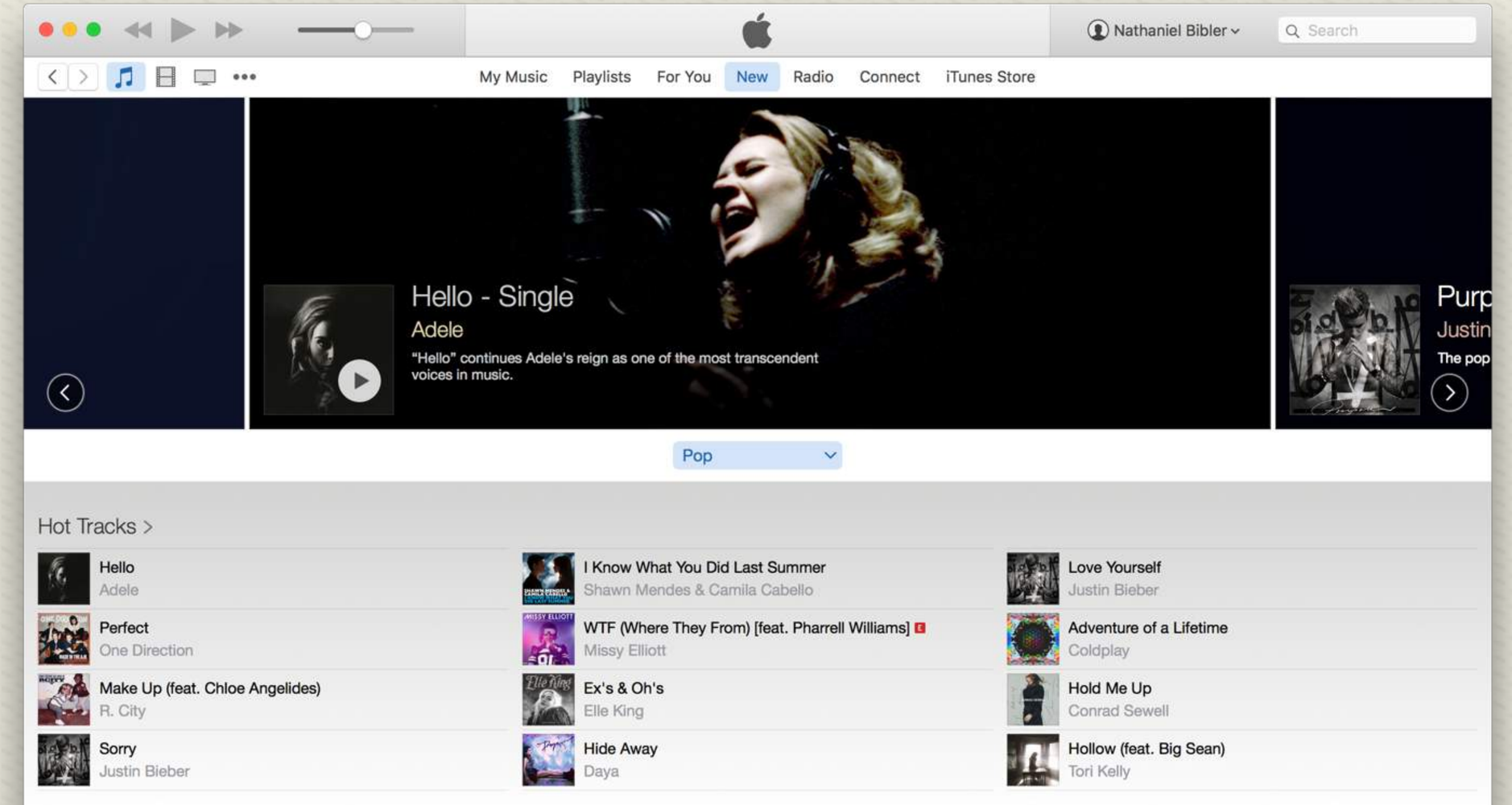

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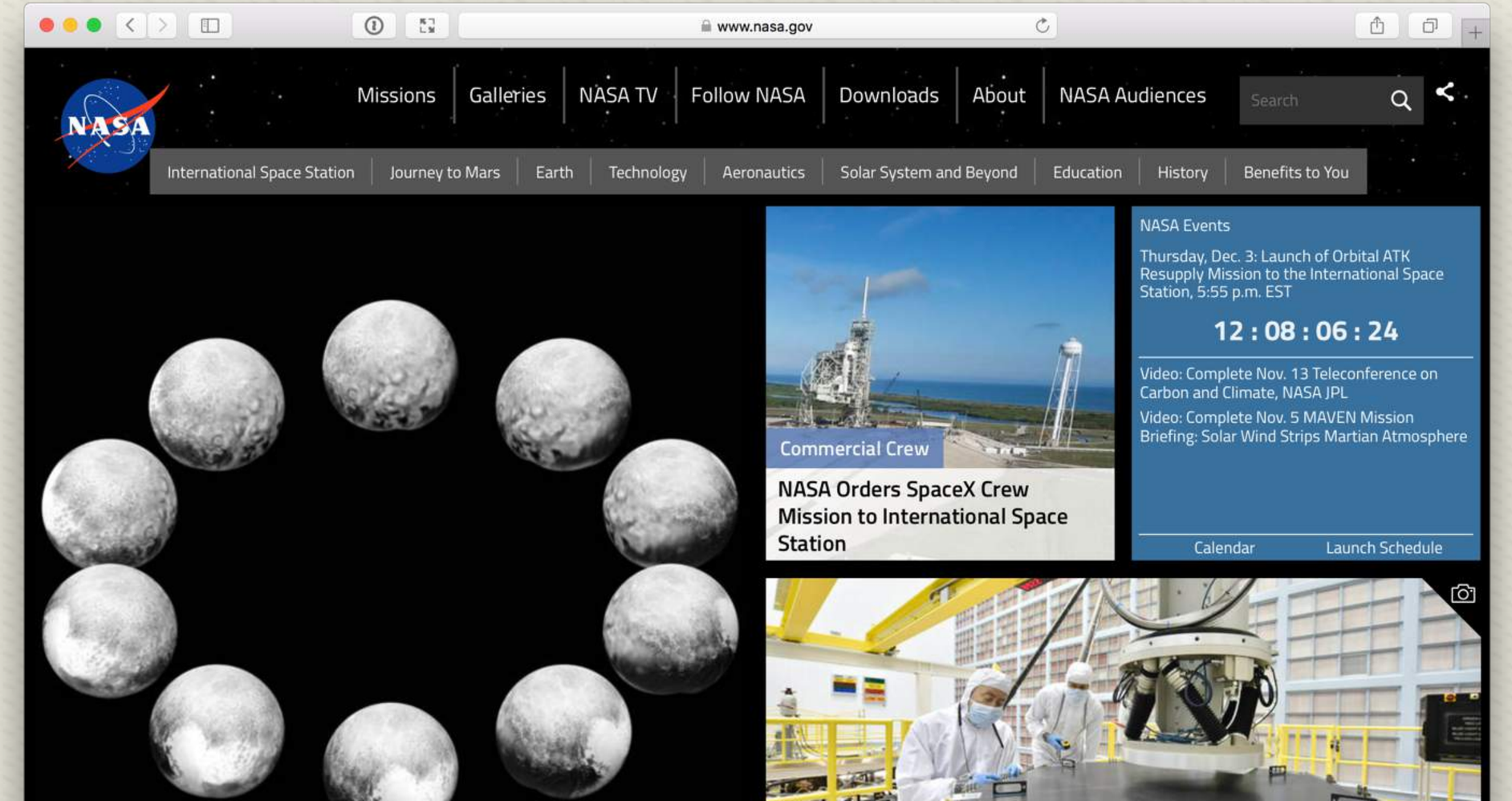
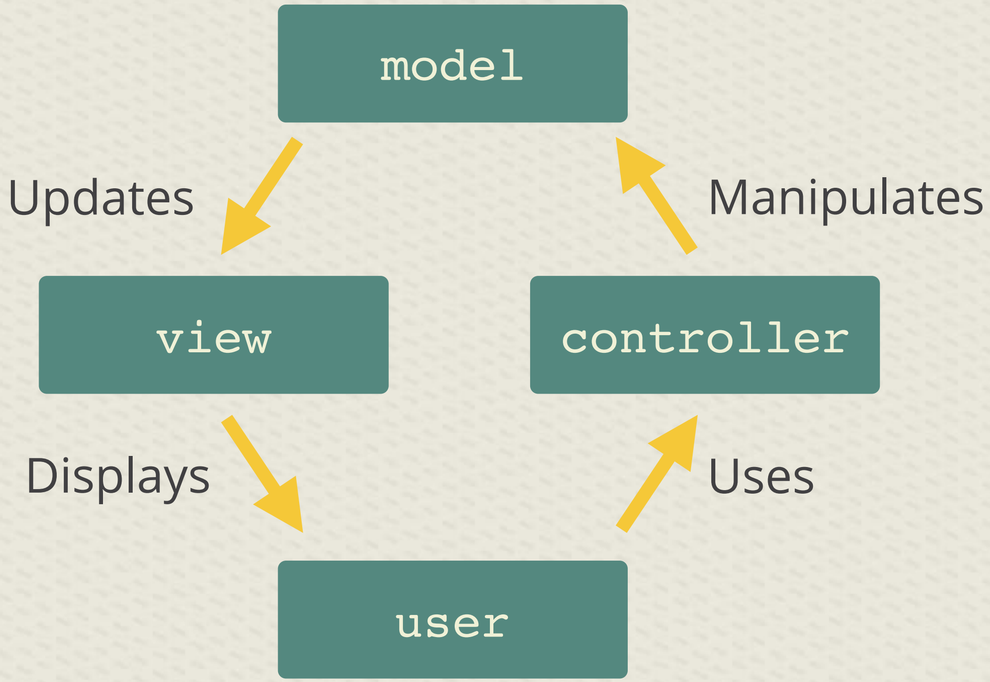


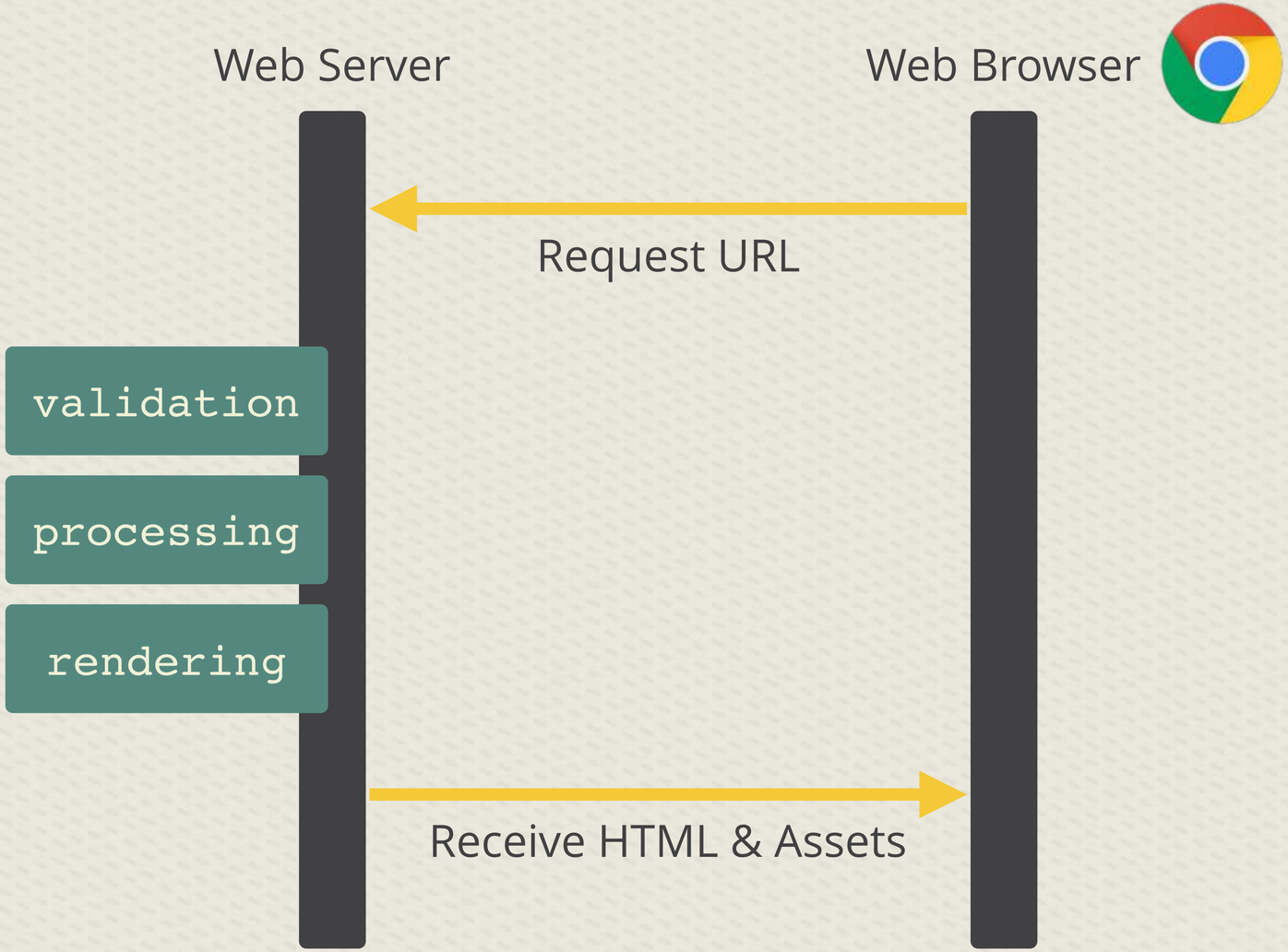
Separating Responsibilities

Model-view-controller (MVC) helps to create reusable and extendable code by separating and isolating responsibilities.



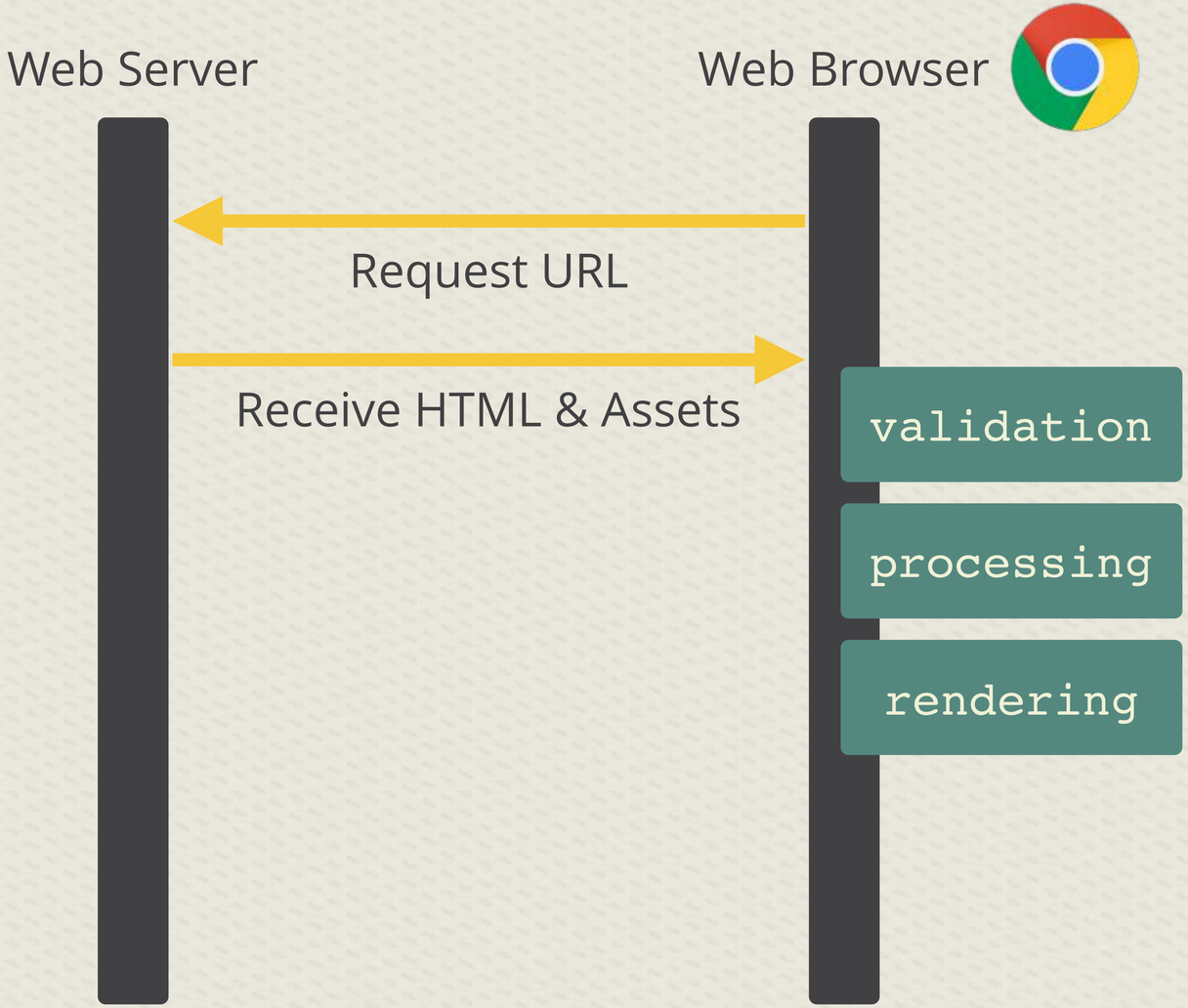
Current Responsibilities

Today, most web applications send data to the servers to validate, process, and render HTML.



Shifting Responsibilities

Frameworks like Ember are shifting responsibilities from the server to the web browser.



More client responsibilities mean fewer network requests, which make an app feel faster.

All Encompassing

Ember provides the client-side framework plus development tooling, conventions, and standards.

`framework`

`tooling`

`conventions`

`standards`

ember

Capturing Community Best Practices

Ember's holistic approach gives you benefits from the entire JavaScript community.

ember

Ember core team members participate in W3C committees, specifications, and standards.

Woodland Wanderer Whatchamacallits

WOODLAND WANDERER
WHATCHAMACALLITS

MENU ORDER

Order Today!

Our online store helps you stay, as the Woodland Wanderer motto states, **"ready for anything"**! Get the supplies you need for yourself or your whole troop!

ORDER TODAY!

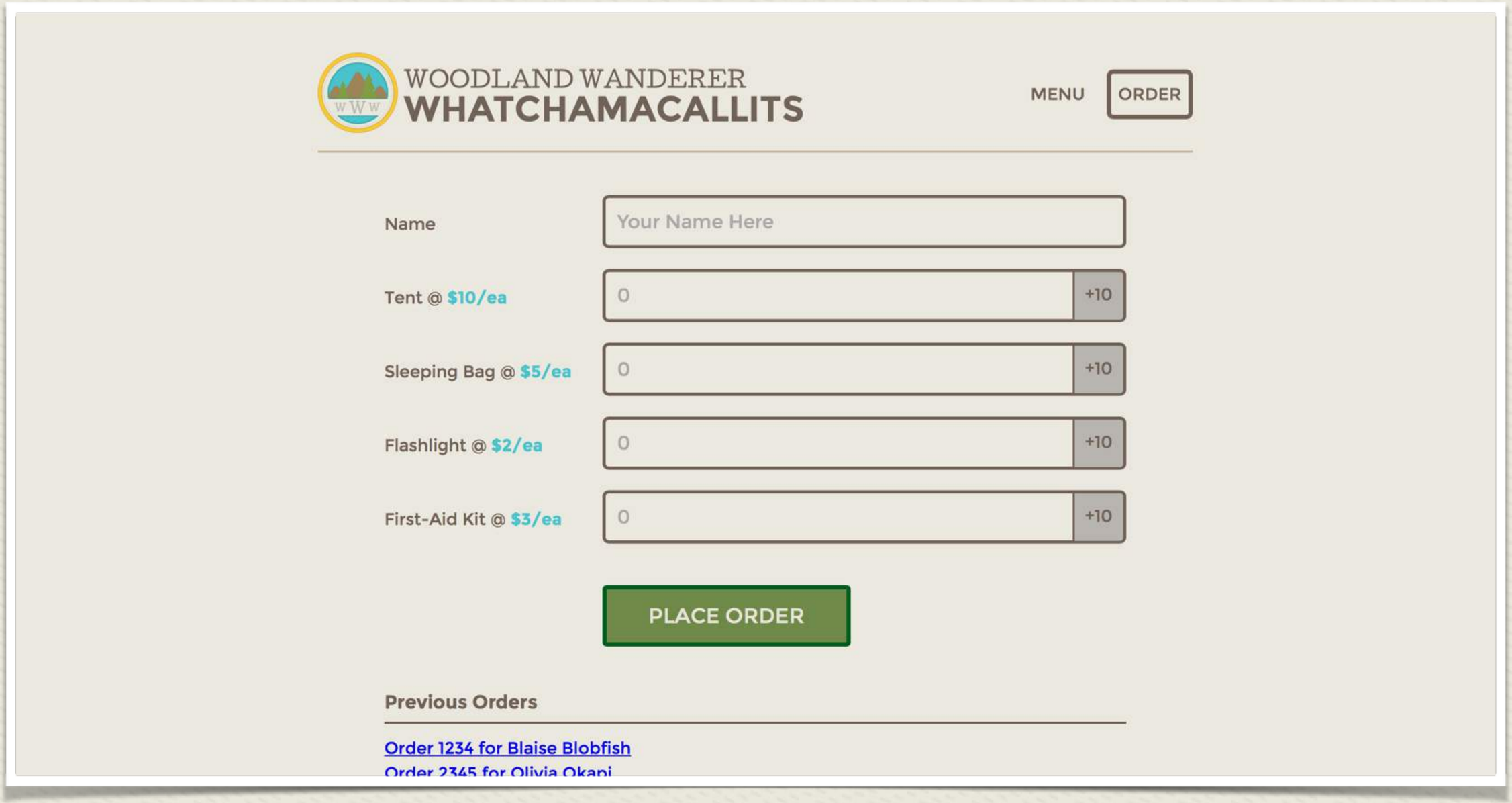
Tent: $10

Your money is well spent with this sturdy tent.

Sleeping Bag: $5

Your spirits will never sag with this sleeping bag.

Woodland Wanderer Whatchamacallits



Woodland Wanderer Whatchamacallits

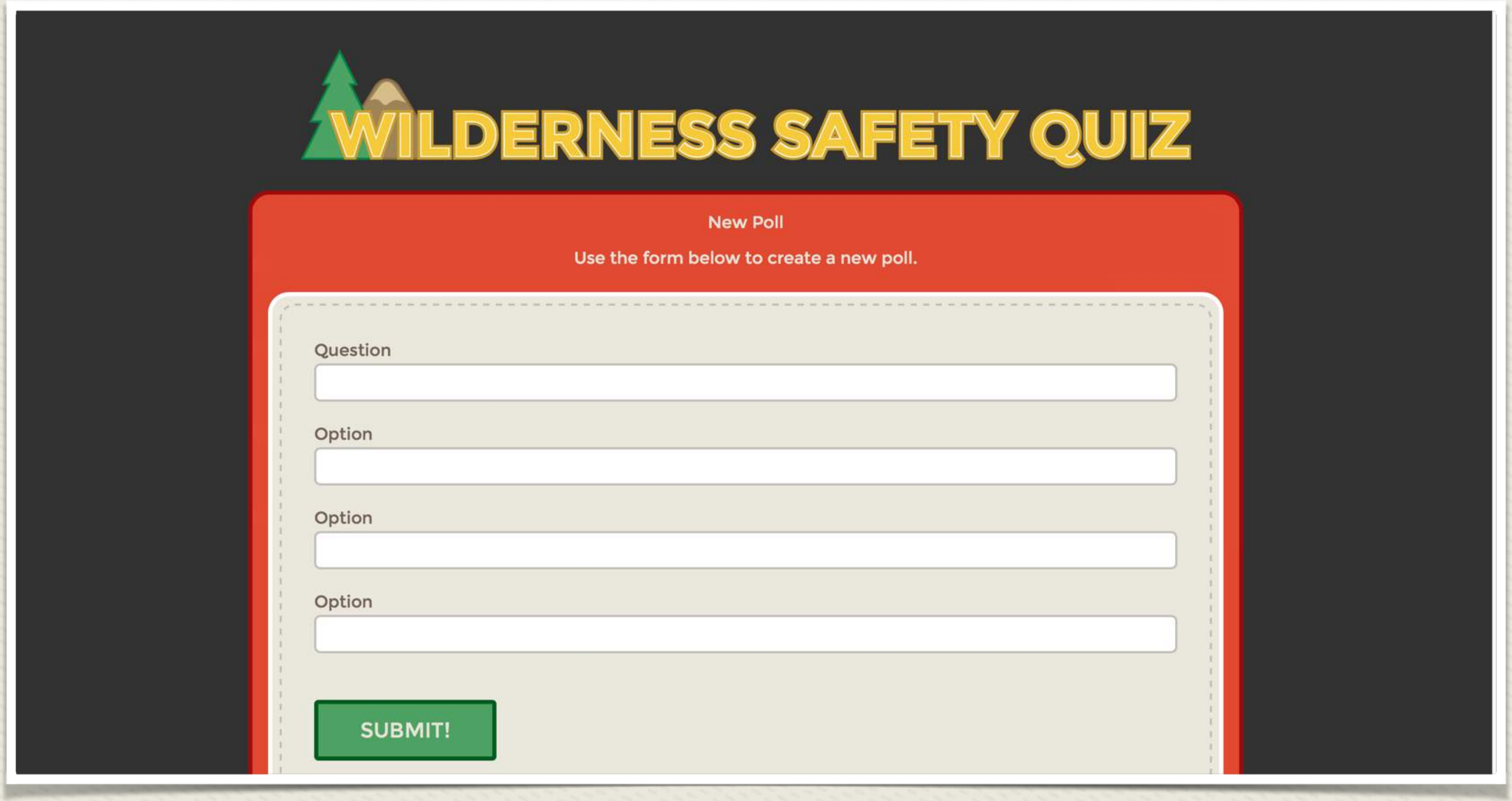
WOODLAND WANDERER
WHATCHAMACALLITS

MENU ORDER

Order details for Olivia Okapi (#2345)

	Item	Qty	Unit	Cost	Cost%
	Tent	0	$10/ea	$0	0%
	Sleeping Bag	1	$5/ea	$5	**50%**
	Flashlight	1	$2/ea	$2	20%
	First-Aid Kit	1	$3/ea	$3	30%
	TOTAL			$10	

Wilderness Safety Quiz



Wilderness Safety Quiz

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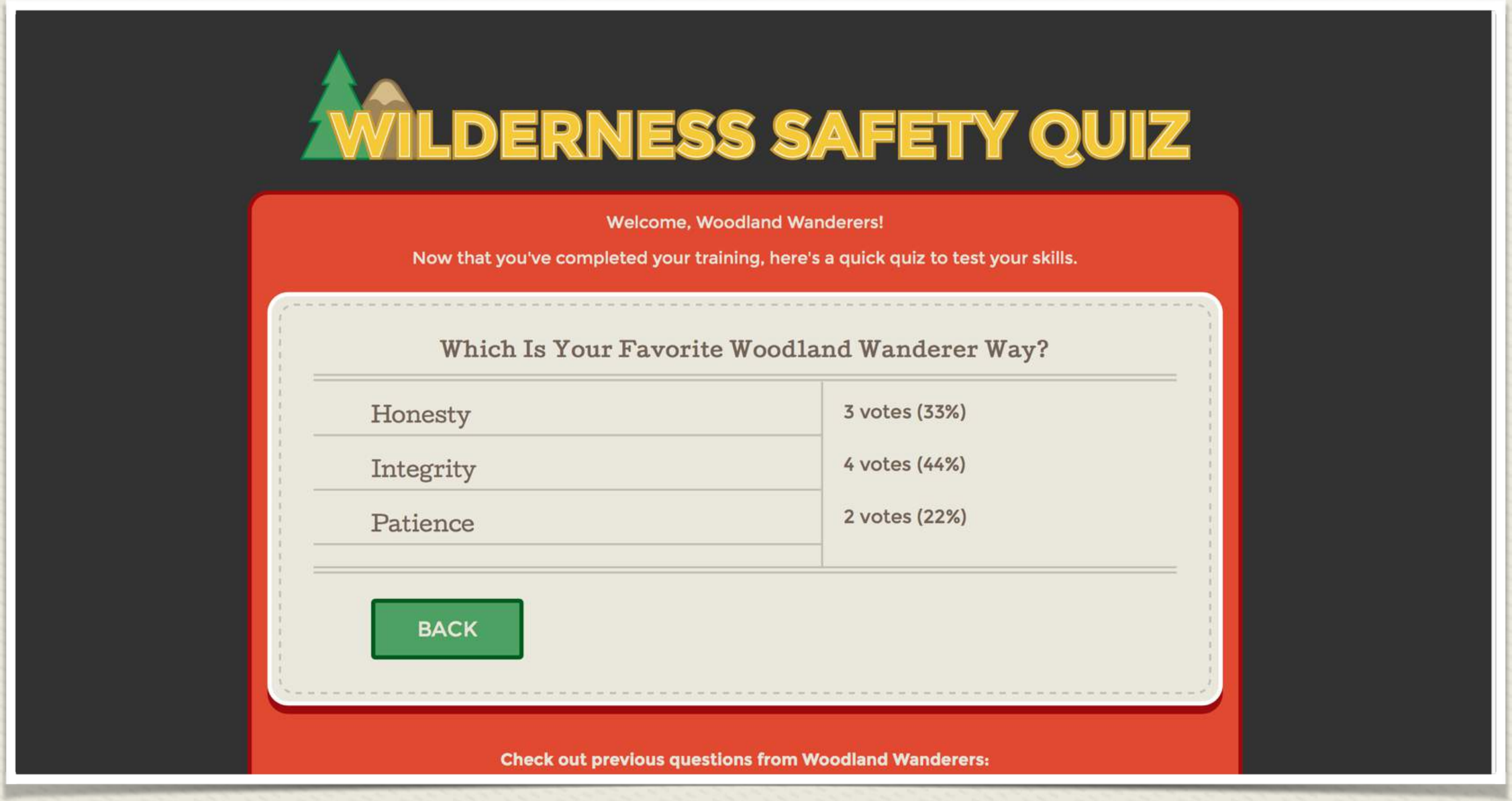
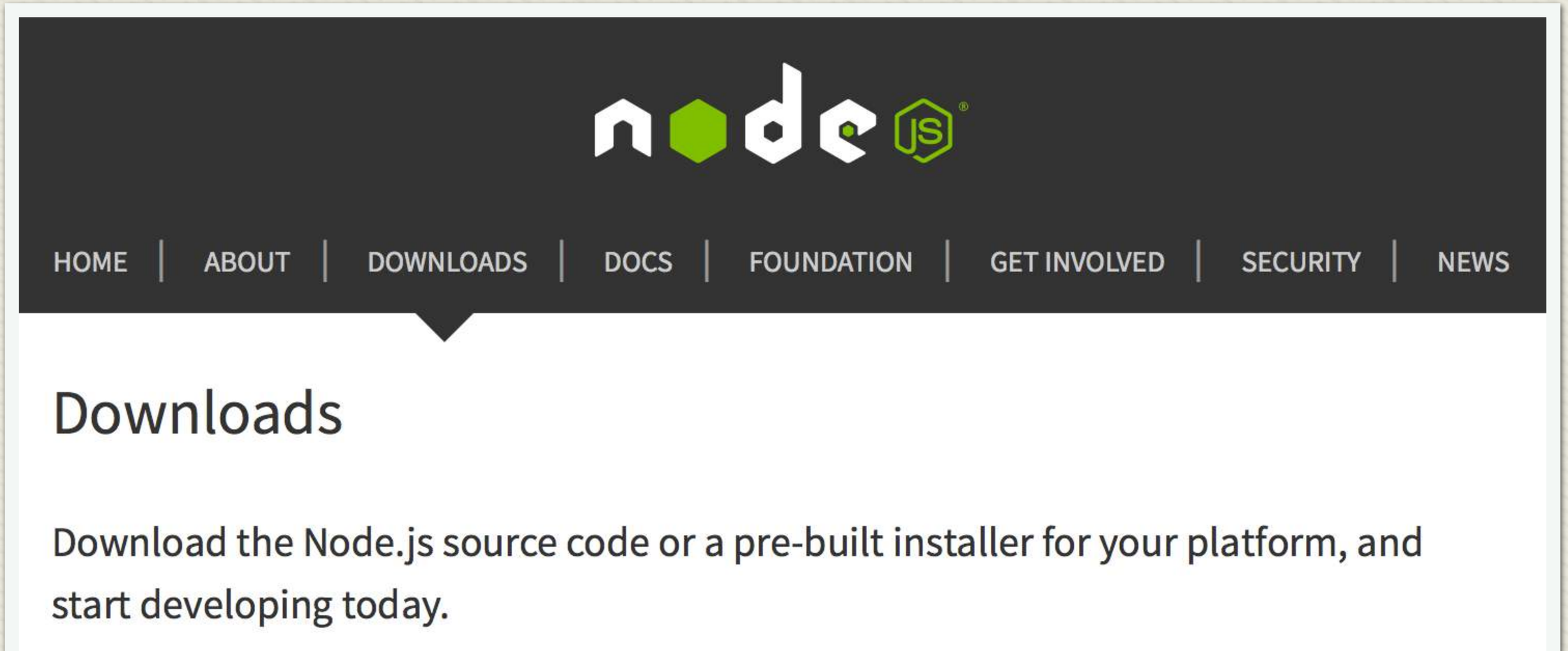


Installing ember cli

Steps for installing Ember CLI and creating our Ember application:

1. Ensure Node.js is installed and npm is available. **https://nodejs.org**



Installing ember-cli

Steps for installing Ember CLI and creating our Ember application:

1. Ensure Node.js is installed and npm is available.
2. Install Ember CLI using npm.

Console

```
$ npm install -g ember-cli
```

This installs the package globally, making package executables available everywhere on the system.

This is the name of the npm package to install. Ember CLI is packaged as "ember-cli."

Checking for ember-cli

Once Ember CLI is installed, you'll have an "ember" executable available.

Console

```
$ npm install -g ember-cli
ember-cli@2.x.x /path/to/node/lib/node_modules/ember-cli

$ ember version
version: 2.x.x
```

After installing Ember CLI, running "ember version" shows the running Ember CLI version.

Getting Help in ember-cli

Console

```
$ ember help
Usage: ember <command (Default: help)>

Available commands in ember-cli:

ember addon <addon-name> <options...>
ember build <options...>
ember destroy <blueprint> <options...>
ember generate <blueprint> <options...>
ember help <command-name (Default: all)> <options...>
ember init <glob-pattern> <options...>
ember install <addon-name>
ember new <app-name> <options...>
ember serve <options...>
ember test <options...>
ember version <options...>
```

Creating an App With ember new

```
ember new <app-name> <options...>
```

This is used to create a new Ember application.

Creating an App With ember new

```
ember new <app-name> <options...>
```

Console

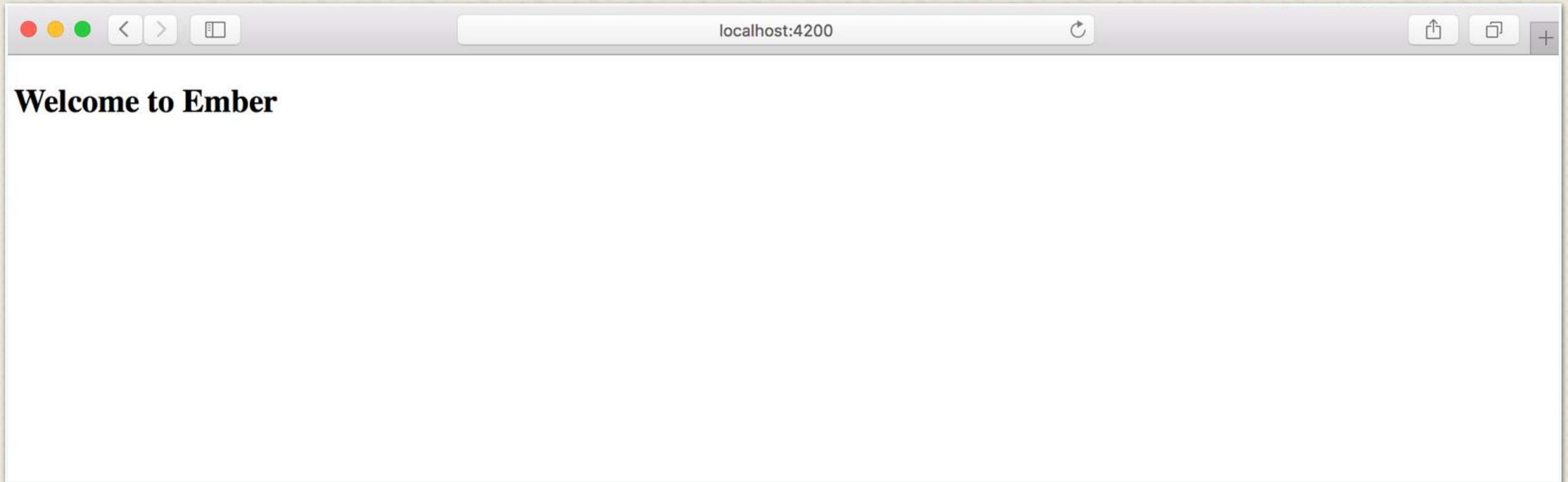
```
$ ember new woodland
installing app
  create app/app.js
  create app/index.html
  create app/router.js
  …
Installed packages for tooling via npm.
Installed browser packages via Bower.
```

Starting the Development Server

Console

```
$ cd woodland
$ ember serve
Livereload server on http://localhost:49154
Serving on http://localhost:4200/
```

Builds the project and starts a live-reloading development server.



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