

INTRODUÇÃO AO

Wanderley Panosso

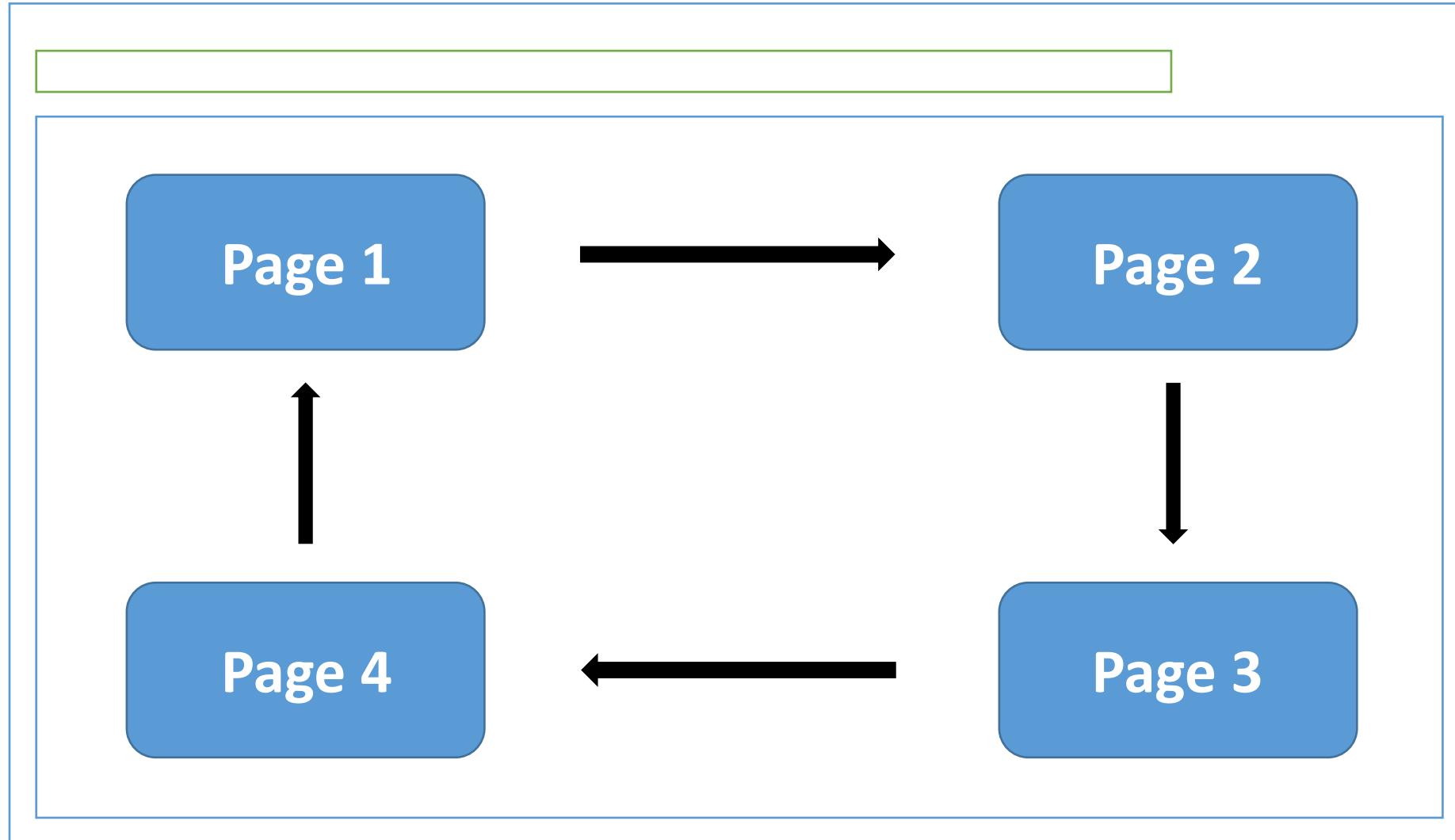


ANGULARJS
by Google

Agenda

- AngularJS e SPA's 
- Casos de uso
- Desafios em SPAs
- Demo
- Angular 1.x vs Angular 2.0
- Futuro do Angular 2.0

Single Page Application (SPA)



Forbes

Forbes / Tech

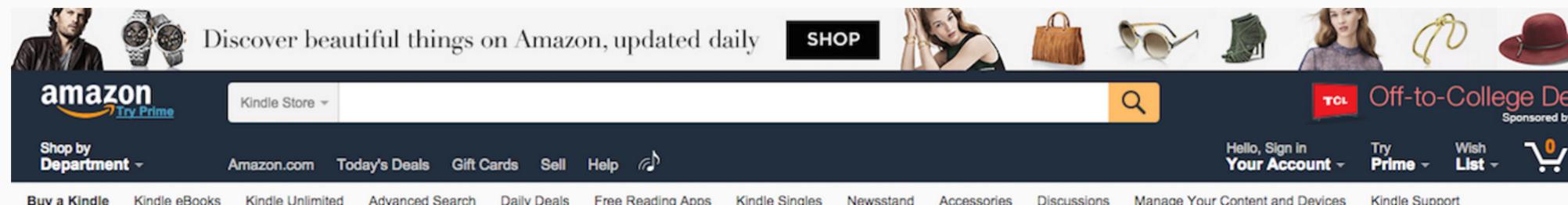
2 FREE Issues of Forbes

AUG 19, 2015 @ 9:45 AM 114,479 VIEWS

Decoding Tesla's Secret Formula

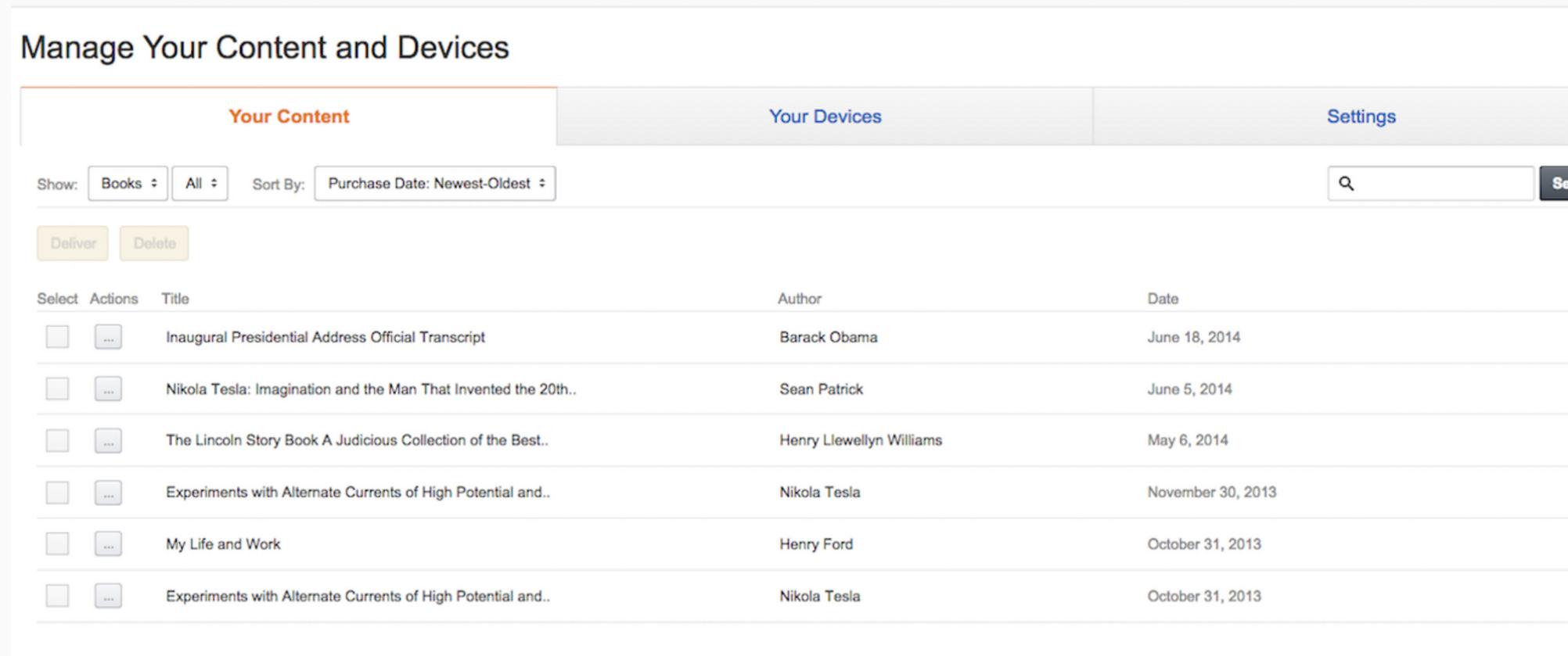


Amazon



The screenshot shows the top navigation bar of the Amazon website. It includes the Amazon logo, a search bar with a magnifying glass icon, and various links like "Kindle Store", "Shop", and "Hello, Sign in Your Account". There are also promotional banners for "Discover beautiful things on Amazon, updated daily" and "Off-to-College Deal Sponsored by TCL". The main menu below the bar includes "Shop by Department", "Amazon.com", "Today's Deals", "Gift Cards", "Sell", "Help", and "Buy a Kindle". The bottom navigation bar features links for Kindle eBooks, Kindle Unlimited, Advanced Search, Daily Deals, Free Reading Apps, Kindle Singles, Newsstand, Accessories, Discussions, Manage Your Content and Devices, and Kindle Support.

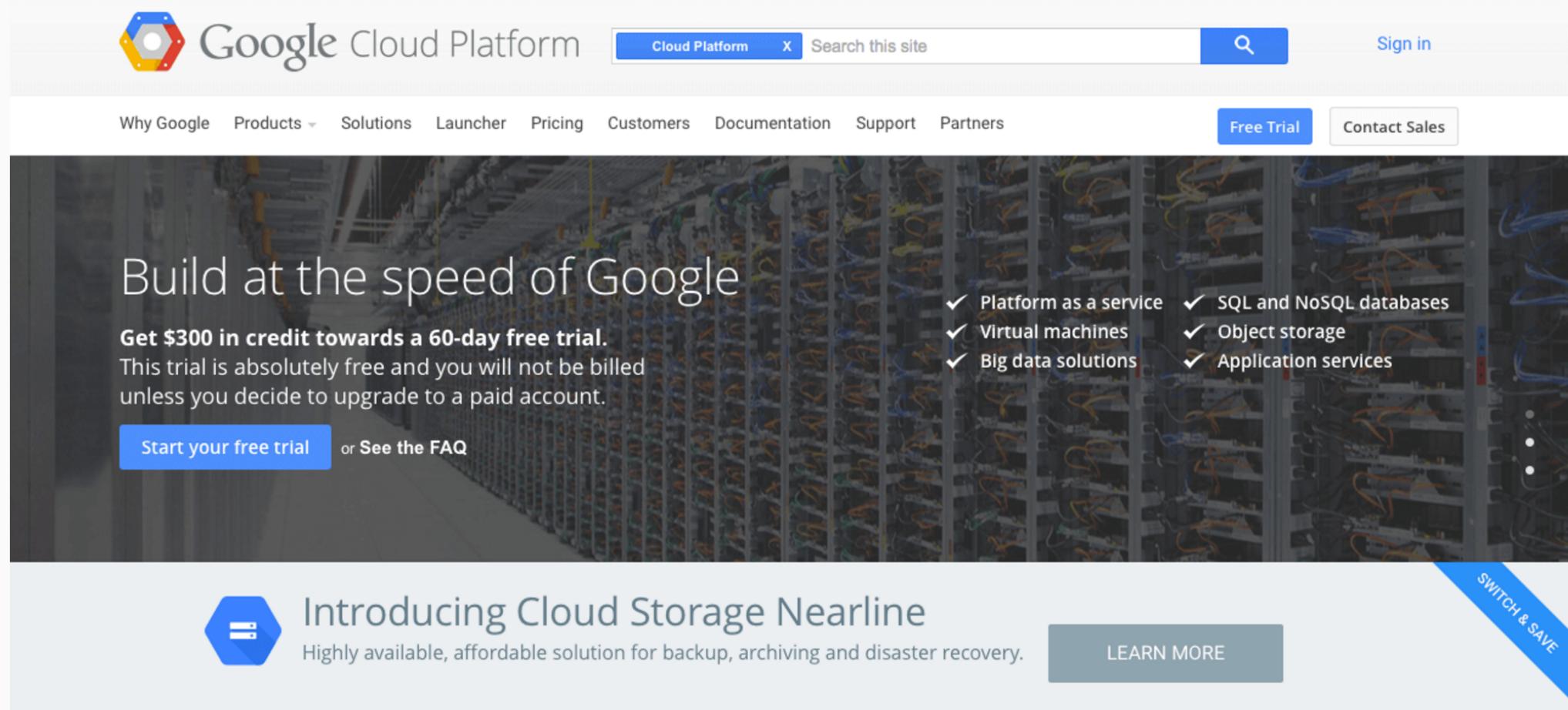
Manage Your Content and Devices



This screenshot shows the "Manage Your Content and Devices" page. The "Your Content" tab is selected, displaying a list of books. The table has columns for "Select", "Actions", "Title", "Author", and "Date". The listed items are:

Select	Actions	Title	Author	Date
<input type="checkbox"/>	<input type="checkbox"/>	Inaugural Presidential Address Official Transcript	Barack Obama	June 18, 2014
<input type="checkbox"/>	<input type="checkbox"/>	Nikola Tesla: Imagination and the Man That Invented the 20th..	Sean Patrick	June 5, 2014
<input type="checkbox"/>	<input type="checkbox"/>	The Lincoln Story Book A Judicious Collection of the Best..	Henry Llewellyn Williams	May 6, 2014
<input type="checkbox"/>	<input type="checkbox"/>	Experiments with Alternate Currents of High Potential and..	Nikola Tesla	November 30, 2013
<input type="checkbox"/>	<input type="checkbox"/>	My Life and Work	Henry Ford	October 31, 2013
<input type="checkbox"/>	<input type="checkbox"/>	Experiments with Alternate Currents of High Potential and..	Nikola Tesla	October 31, 2013

Google Cloud Platform



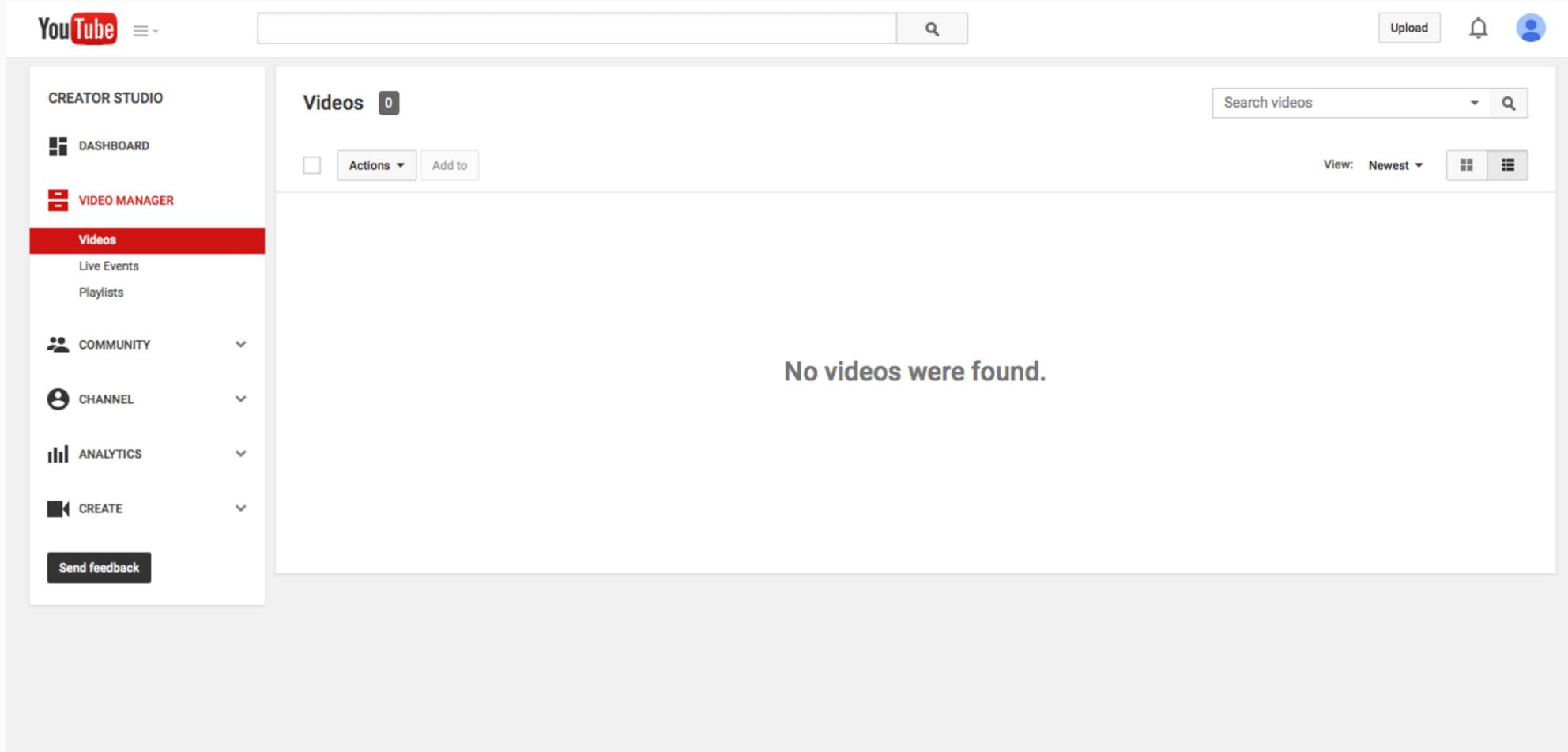
The screenshot shows the Google Cloud Platform homepage. At the top, there's a navigation bar with the Google Cloud logo, a search bar, and links for "Cloud Platform", "Sign in", and "Search this site". Below the navigation is a main menu with links for "Why Google", "Products", "Solutions", "Launcher", "Pricing", "Customers", "Documentation", "Support", and "Partners". There are also "Free Trial" and "Contact Sales" buttons.

The main content area features a large banner with the text "Build at the speed of Google". It includes a call to action: "Get \$300 in credit towards a 60-day free trial." Below this, there's a section about the trial being free and not billed unless upgraded. Two buttons are present: "Start your free trial" and "See the FAQ". To the right of the banner, there's a list of services with checkmarks: "Platform as a service", "Virtual machines", "Big data solutions", "SQL and NoSQL databases", "Object storage", and "Application services".

At the bottom, there's a promotional section for "Cloud Storage Nearline" with a "LEARN MORE" button and a "SWITCH & SAVE" callout. The footer contains the text "How Google Cloud Platform works".

How Google Cloud Platform works

YouTube Video Manager



The screenshot shows the YouTube Video Manager interface. At the top, there is a navigation bar with the YouTube logo, a search bar, and user account icons for 'Upload', 'Bell', and a profile. On the left, a sidebar titled 'CREATOR STUDIO' contains links for 'DASHBOARD', 'VIDEO MANAGER' (which is highlighted in red), 'Videos' (Live Events, Playlists), 'COMMUNITY', 'CHANNEL', 'ANALYTICS', and 'CREATE'. A 'Send feedback' button is at the bottom of the sidebar. The main content area is titled 'Videos 0' and includes a search bar and view selection options ('View: Newest'). A message 'No videos were found.' is displayed in the center of the main area.

YouTube

Language: English ▾ Country: Worldwide ▾ Restricted Mode: Off ▾ History Help

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Terms Privacy Policy & Safety Send feedback Try something new!

Google Analytics



The screenshot shows the Google Analytics homepage. At the top, there's a navigation bar with links for "Analytics Premium", "Analytics for Mobile Apps", "Analytics Standard", and "Tag Manager". On the right side of the header is a green button labeled "SIGN IN TO GOOGLE ANALYTICS". Below the header, there's a large image of two people working at a desk, one smiling and looking towards the other who is looking at a laptop screen displaying various data visualizations. The background of the image shows a wall with several "NAT GEO" brand logos.

SIGN IN TO GOOGLE ANALYTICS

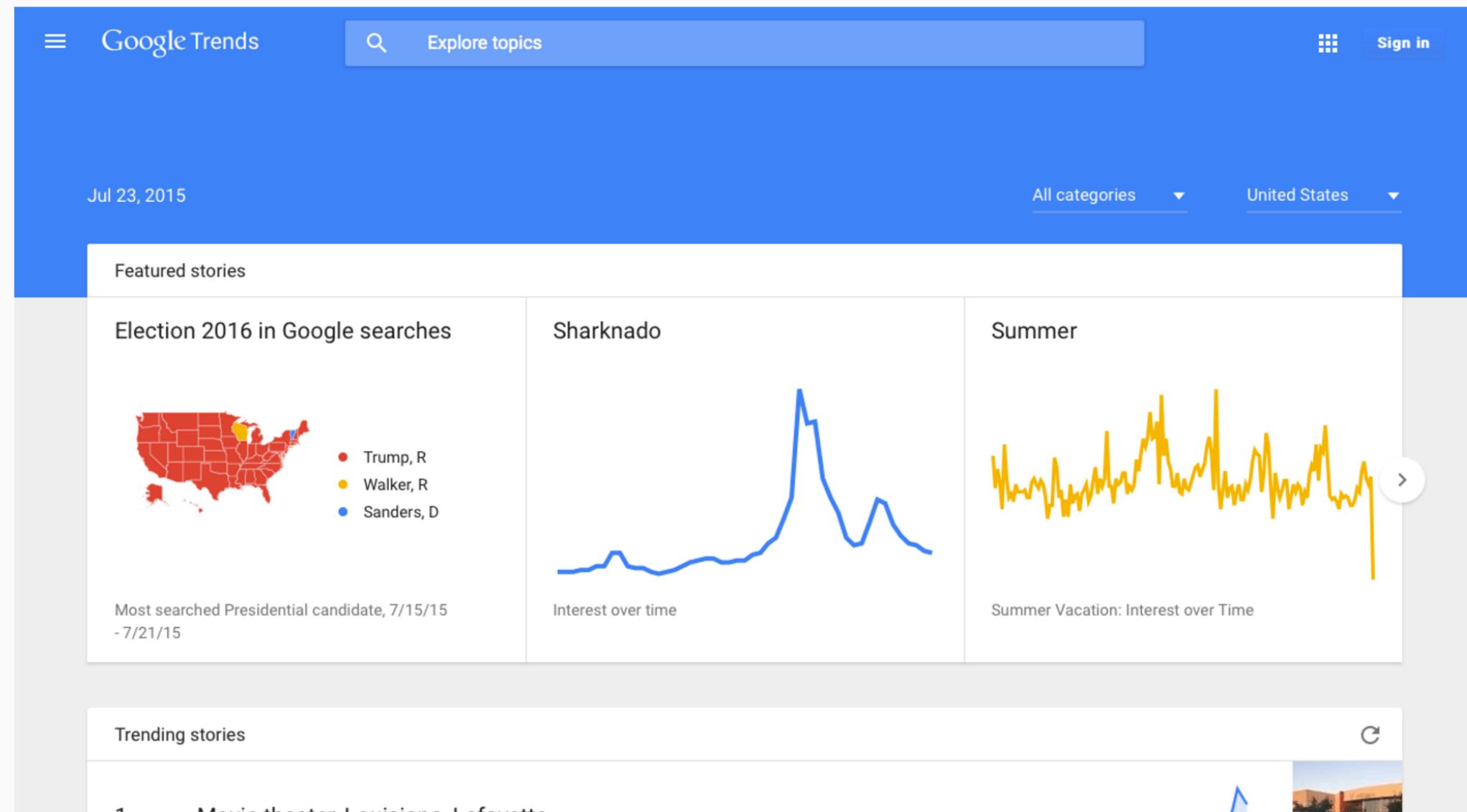
Turn insights into action.

Improve performance across your sites, apps, and other marketing channels. Google Analytics and related products can help you turn customer insights into actionable solutions for your business.

Solutions for your business.

Choose the analytics solution that's the perfect fit for growing your business.

Google Trends



Problemas com SPAs

- Manipulação de DOM
- Navegação
- Histórico
- Data/Event Binding
- AJAX/ promises
- Modularização
- Cache

Angular cuida de {{ TUDO }}!!!

- ✓ DATA Binding
- ✓ Routing
- ✓ History
- ✓ DOM manipulation
- ✓ Templates
- ✓ Cache
- ✓ Testing
- ✓ Directives
- ✓ Dependency Injection
- ✓ Services
- ✓ Filters

Por que Angular?

- Produtividade
- Comunidade
- Continuidade
- Reaproveitamento



HTML enhanced for web apps!

[View on GitHub](#)[Download \(1.5.0-rc.0 / 1.4.8 / 1.2.29\)](#)[Design Docs & Notes](#)[Follow +AngularJS on G+](#)[Follow @angularjs](#)

104K followers

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Learn Angular in your browser for free!

Code!!!!

Batalha das Versões



==>



1.X

2.0

Angular 2

- Module Loader (System.js)
- Dependency Injection
- TypeScript / ES6 / ES5 / Dart
- WebComponents
- Web Workers support



Angular is a development platform for building
mobile and desktop applications

GET STARTED

Build Incredible Applications

Angular is a development platform for creating applications using modern web standards.

Angular includes a [wealth of essential features](#) such as mobile gestures, animations, filtering, routing, data binding, security, internationalization, and beautiful UI components. It's extremely modular, lightweight, and easy to learn.



```
1. import {bootstrap, Component} from 'angular2/angular2';
2.
3. @Component({
4.   selector: 'my-app',
5.   template: '<h1>My First Angular 2 App</h1>'
6. })
7. class AppComponent { }
8.
9. bootstrap(AppComponent);
```

```
1. <html>
2.
3.   <head>
4.     <title>Angular 2 QuickStart</title>
5.     <script src="https://code.angularjs.org/tools/system.js"></script>
6.     <script src="https://code.angularjs.org/tools/typescript.js"></script>
7.     <script src="https://code.angularjs.org/2.0.0-alpha.44/angular2.dev.js"></script>
8.     <script>
9.       System.config({
10.         transpiler: 'typescript',
11.         typescriptOptions: { emitDecoratorMetadata: true }
12.       });
13.       System.import('./app.ts');
14.     </script>
15.   </head>
16.
17.   <body>
18.     <my-app>loading...</my-app>
19.   </body>
20.
21. </html>
```

Angular 2

- Atualmente em 2.0.0-alpha.44
- Previsão de Release???
- ng-forward & ng-upgrade

Demo Lista de Contatos

```
$ git clone https://github.com/  
wanderleypanosso/contact-list-angularjs.git
```

@wanderley_dpj

Mais conteúdo

- <https://angularjs.org/>
- <https://www.madewithangular.com>
- <https://angular-ui.github.io/>
- <https://angular.io/>

