

WEB APPS WITH DRUPAL

William Hurley, Manager of Programming
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What's a Web Application?



Shock Wave of Fireball Meteor Rattles Siberia, Injuring 1,000

BY ELLEN BARRY AND ANDREW E. KRAMER

MOSCOW — Debris from a meteor streaked through the sky with a blinding flash in western Siberia early Friday, creating a thunderous shock wave that damaged buildings across a vast territory. Russia's Interior Ministry said more than 1,000 people were injured, 200 of them children, mostly from shards of shattered glass.

Many of the injuries were reported in the city of Chelyabinsk, about 950 miles east of Moscow, in a region where there are many factories for defense, including nuclear weapons production. But there was no indication of damage that resulted in any radiation leaks, officials said.

The blast was caused by a 10-ton meteor, of a type known as a bolide, which created a powerful shock wave when it hit the Earth's atmosphere, the Russian Academy of Sciences said in a statement. Scientists believe the bolide exploded and evaporated at a height of about 20 to 30 miles above the Earth's surface, but that small fragments — meteorites — may have reached the ground, the statement said.

The governor of the Chelyabinsk district reported that material from the sky had fallen into a lake on the outskirts of a city about 50 miles west of Chelyabinsk. Officials told Russian news agencies that

DEALBOOK

With Confidence on an Upswing, Mergers Make a Comeback

BY PETER LATTMAN

Merger activity has suddenly roared back to life, with the latest megadeal being the Berkshire-led acquisition of Heinz.

Venezuela Releases First Pictures of Chávez

BY WILLIAM NEUMAN

The photographs are the first since President Hugo Chávez had surgery in Cuba more than two months ago.

NEWS ANALYSIS

Why Doctors Remain Silent

BY BARRY MEIER

While experts say that doctors have an ethical obligation to warn their peers about bad drugs or medical devices, they don't always do so.

COMMON SENSE

The Alluring Myth of the Tax-Fleeing Millionaire

BY JAMES B. STEWART

Despite what low-tax advocates might say, jobs, cost of housing, family ties and climate tend to be stronger reasons for relocation, according to recent

Pistorius Family Disputes Murder Charge

BY LYDIA POLGREEN

The family and management team for Oscar Pistorius, the track star accused of killing his girlfriend, disputed the charge "in the strongest terms," news reports said on Friday.

Cruise Line's Woes Are Far From Over as Ship Makes Port

BY ROBBIE BROWN, KIM SEVERSON AND BARRY MEIER

For 4,200 hungry, scared people whose ship limped into dock Thursday, an ordeal was finally ending. For Carnival Cruise Lines, the week was just beginning

Still Too Good, Too Bad or Invisible

BY NELSON GEORGE

Several of this year's Oscar-nominated films raise the age-old question of whether white filmmakers are ready to grant agency to black characters.

Airbus Abandons Plan to Use Controversial Batteries in New Jet

BY NICOLA CLARK

The European planemaker said it would drop a plan to use lithium-ion batteries, similar to those that have caused problems in the Boeing 787 Dreamliner, in its forthcoming A350 jet.

Service Cuts May Follow Merger of Airlines

BY JAD MOUAWAD

Some consumer advocates are warning that the merger of American Airlines and US Airways, if approved, could bring rising fees and fares as well as service cuts to smaller cities.

Obama to Detail 'Promise Zone' Program to Aid Distressed Areas

BY JACKIE CALMES

In Chicago on Friday, President Obama will outline an initiative to select 20 communities as laboratories for better coordination of federal, local, nonprofit and private-sector investments.

Ligety Pulls Off Rare Triple at Skiing Championships

BY BILL PENNINGTON

The American Ted Ligety captured the giant slalom Friday to become the first man in 45 years to win three gold medals at the world championships.

LENS BLOG

The World's Best News Photos for 2012

BY JAMES ESTRIN

A dramatic photo of a procession for two children killed in Gaza City has been named 2012's World Press Photo of the Year.

Sections

Top News

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18 67 reviews

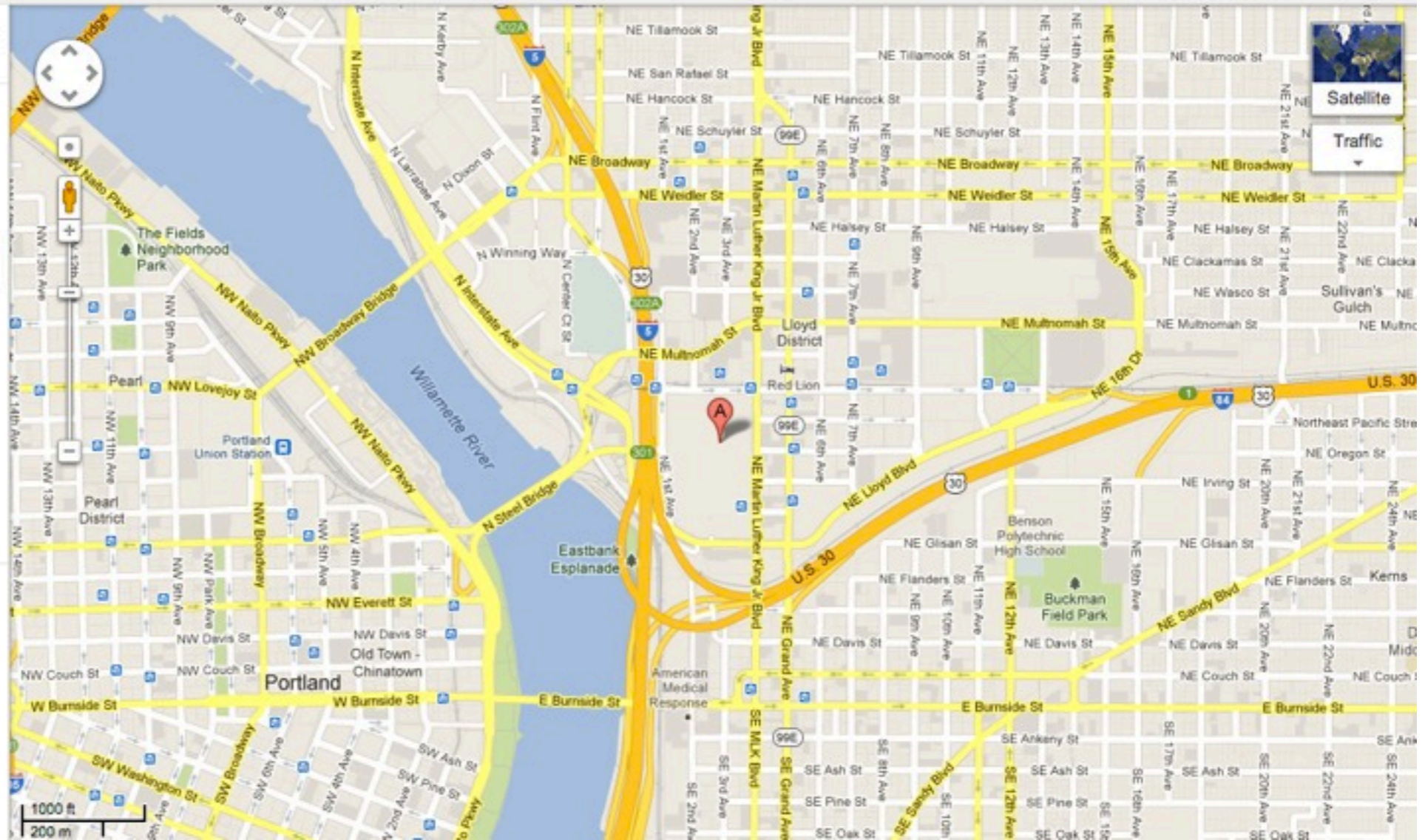
memorial coliseum · classical chinese · rail system · indoor heated pool · inn downtown

"Best convention center i have ever been to." -

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Interactive Google Maps

Trello Notifications Boards WH


Welcome Board Private

Basics

Welcome to Trello!

This is a card.
1 vote

Click on a card to see what's behind it.
1



You can attach pictures and files...
2

... any kind of hyperlink ...
1

... or checklists.
1/3

Add a card...

Intermediate

Invite your team to this board using the Add Members button

Drag people onto a card to indicate that they're responsible for it.

Use color-coded labels for organization

Make as many lists as you need!

Try dragging cards anywhere.

Finished with a card? Archive it.

Add a card...

Advanced

To learn more tricks, check out the guide.

Use as many boards as you want. We'll make more!

Want to use keyboard shortcuts? We have them!

Want updates on new features?

Need help?

Want current tips, usage examples, or API info?

Add a card...

Members

WH

Add Members...

Board

Options

Add List

Filter Cards

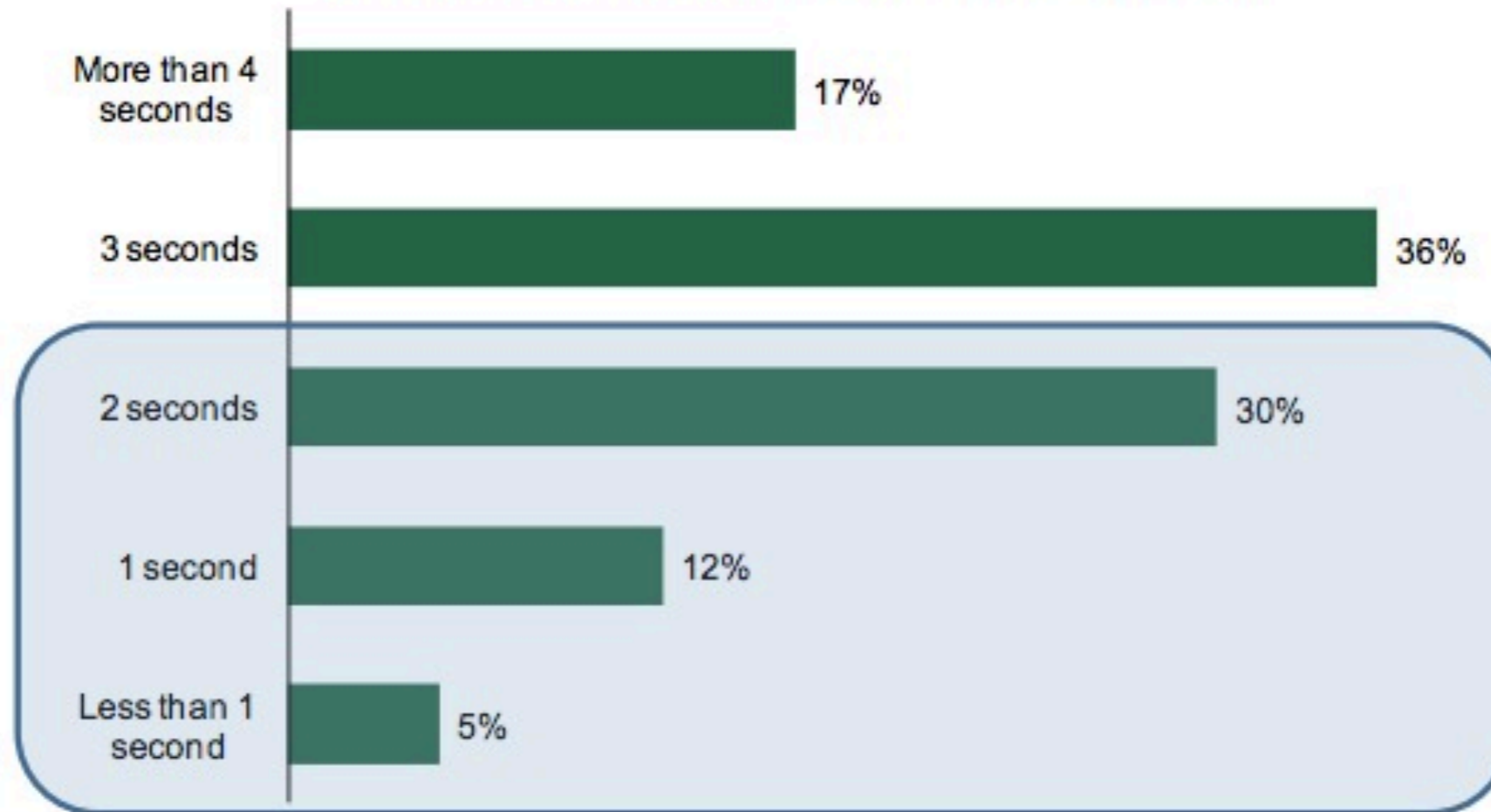
Activity [View all...](#)

- Trello attached `Taco.png` to You can attach pictures and files...
Jul 20, 2012 at 9:42 am
- Trello added Want current tips, usage examples, or API info? to Advanced.
Apr 25, 2012 at 8:56 am
- Trello added Need help? to Advanced.
Jan 9, 2012 at 2:33 pm
- Trello added Want updates on new features? to Advanced.
Jan 9, 2012 at 2:31 pm
- Trello added Want to use keyboard shortcuts? to Advanced.

Responsive Trello

How Does it Affect Me?

“What are your expectations for how quickly a Web site should load when you are browsing or searching for a product?”



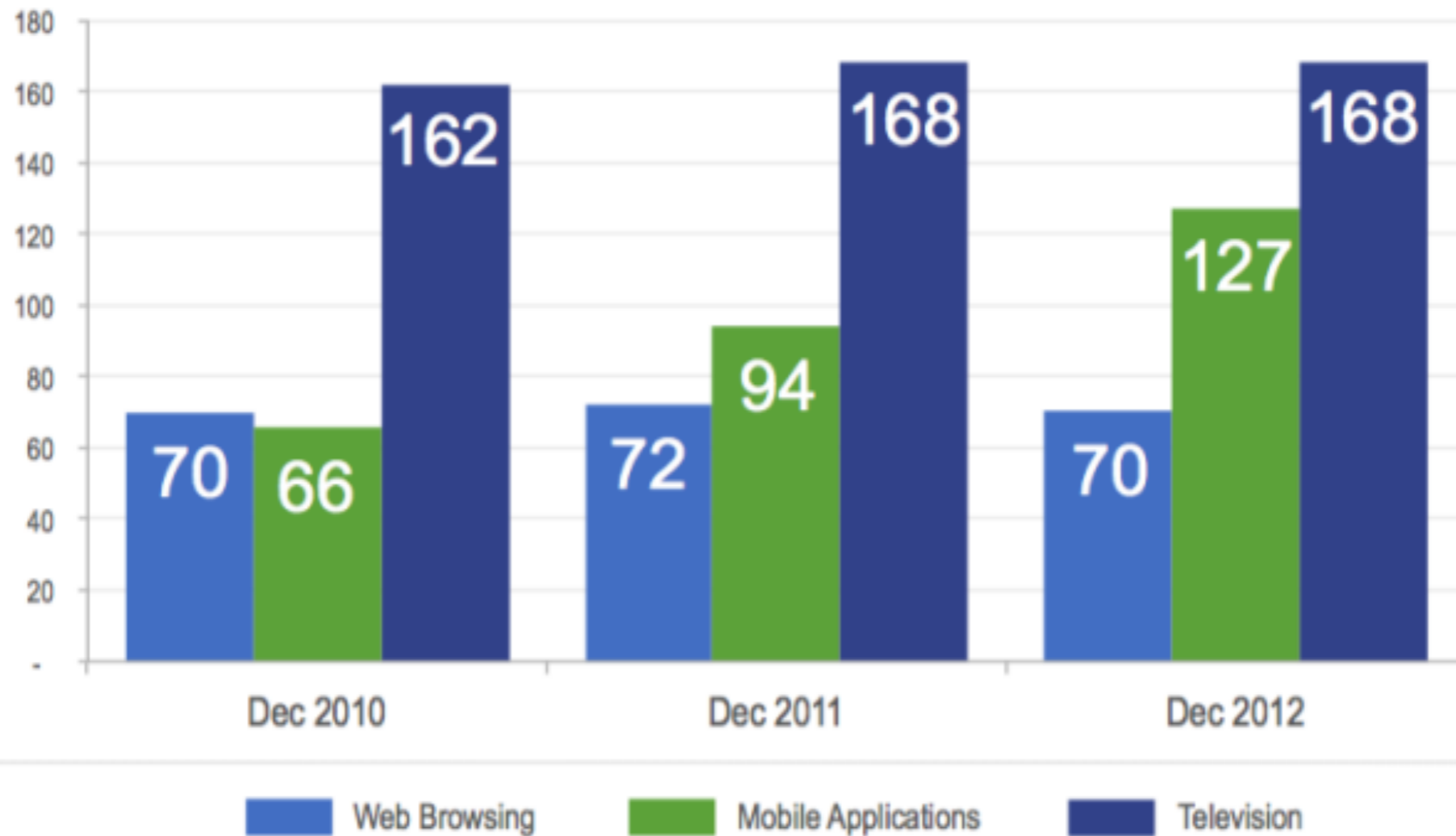
Base: 1,048 US online consumers

Source: A commissioned study conducted by Forrester Consulting on behalf of Akamai Technologies, July 2009

Speed Matters

www.akamai.com/2seconds

U.S. Web vs. Mobile App vs. TV Consumption, Minutes per Day



Sources: comScore, Alexa, U.S. Bureau of Labor Statistics, Flurry Analytics

Users Expect It

blog.flurry.com/bid/92105/mobile-apps-we-interrupt-this-broadcast

"The Web Services and Context Core Initiative (WSCCI) aims to transform Drupal from a first-class CMS to a first-class REST server with a first-class CMS on top of it."

Drupal 8
It's the Future

Sounds Awesome! How do I do it?

The Technology

Drupal

Content and API

Services

- Mature code
- Well supported
- Large number of add-ons

REST WS

- Ground-up re-imagining
- Built for entities
- Lead developer working on WSCCI

Javascript

Application



Javascript Frameworks

The Lay of the Land

“When writing a Web application from scratch, it’s easy to feel like we can get by simply by relying on a DOM manipulation library (like jQuery) and a handful of utility plugins. [...] it doesn’t take long to get lost in a nested pile of jQuery callbacks and DOM elements without any real structure in place for our applications.”

-- Addy Osmani, Developer Programs Engineer at Google



Spaghetti Code

Credit www.slideshare.net/davidcorbacho/drupal-backbonejs

Types of Frameworks

DIY

- Smaller -- backbone
~10k
- Less opinionated
- More custom code
- Text templating
- Custom data binding

Full Featured

- Larger -- Angular
~77k
- More functionality
- More opinionated
- DOM templating
- Declarative binding

Example Time

Title	Type	Author	Status	Updated	Promote
Gemino Suscipere Utinam	page		Active	Feb 15, 2013 2:35:55 PM	<input type="button" value="Promote"/>
Fere Saluto	page		Active	Feb 15, 2013 2:36:11 PM	<input type="button" value="Promote"/>
Iustum Lenis Quidem Ulciscor	page		Active	Feb 15, 2013 2:36:14 PM	<input type="button" value="Unpromote"/>
Abbas Neque	page		Active	Jan 29, 2013 5:43:22 PM	<input type="button" value="Unpromote"/>
Bene Mos	page		Active	Jan 29, 2013 5:43:22 PM	<input type="button" value="Unpromote"/>
Jumentum Patria Voco	article		Active	Feb 1, 2013 1:35:11 PM	<input type="button" value="Unpromote"/>
Gemino Importunus Oppeto Virtus	article		Active	Feb 1, 2013 1:34:50 PM	<input type="button" value="Promote"/>
Exputo Proprius Vulputate	page		Active	Oct 26, 2012 1:01:48 PM	<input type="button" value="Promote"/>
At Odio Saluto	article		Active	Feb 1, 2013 1:34:51 PM	<input type="button" value="Promote"/>
Huic Mauris Nisl Vicis	page		Active	Oct 26, 2012 11:48:57 AM	<input type="button" value="Unpromote"/>
Duis Saepius	article		Active	Feb 1, 2013 1:34:52 PM	<input type="button" value="Promote"/>

Simple Example

```

1 angular.module('nodelist', ['node', 'nodes']).
2   config(function($routeProvider) {
3     $routeProvider.
4       when('/', {controller:ListCtrl, templateUrl:'/angular/nodes/list'}).
5       otherwise({redirectTo:'/'});
6   });
7
8
9 function ListCtrl($scope, Nodes, Node) {
10  $scope.nodetype = '';
11  $scope.nodes = Nodes.get({limit: 25});
12
13  $scope.promote = function(node, newValue) {
14    var update = new Node();
15    update.promote = newValue;
16    update.nid = node.nid;
17    update.update();
18    node.promote = newValue;
19  }
20
21  $scope.$watch('nodetype', function(newValue, oldValue) {
22    if ('' != newValue) {
23      $scope.nodes = Nodes.get({limit: 25, type: newValue});
24    }
25  });
26 }

```

Controller

```

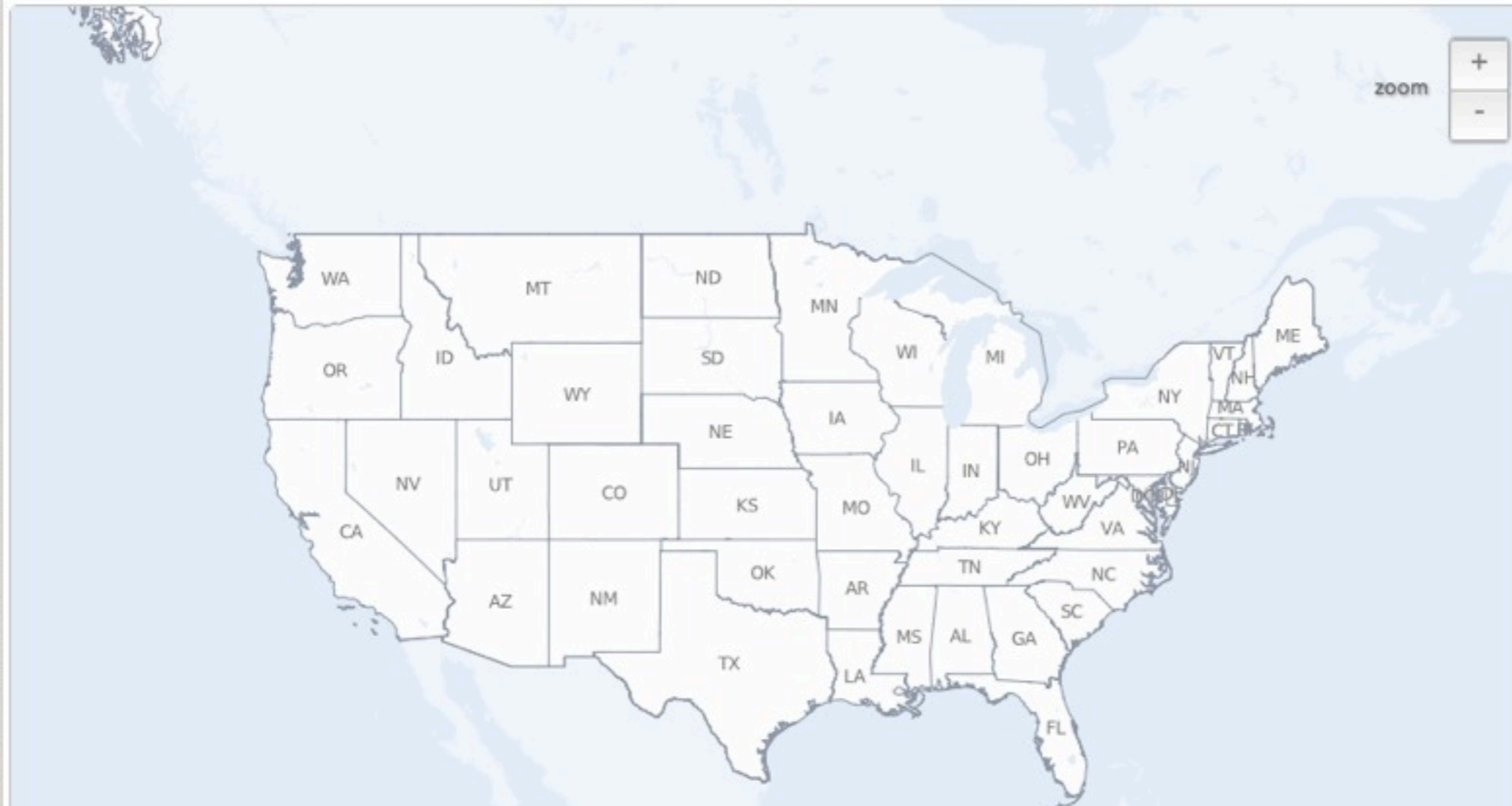
1 <select name="node_type" ng-model="nodetype">
2   <?php foreach ($types as $type => $name) :?>
3     <option value="<?php print $type; ?>">
4       <?php print $name; ?>
5     </option>
6   <?php endforeach; ?>
7 </select>
8
9 <table
10   class="sticky-enabled table-select-processed tableheader-processed sticky-table">
11   <thead>
12     <tr>
13       <th>Title</th>
14       <th>Type</th>
15       <th>Author</th>
16       <th>Status</th>
17       <th>Updated</th>
18       <th>Promote</th>
19     </tr>
20   </thead>
21   <tbody>
22     <tr ng-repeat="node in nodes.list">
23       <td>{{node.title}}</td>
24       <td>{{node.type}}</td>
25       <td>{{node.author.id}}</td>
26       <td><span ng-switch on="node.status"> <span
27         ng-switch-when="1">Active</span> <span ng-switch-when="0">Inactive</span>
28       </span></td>
29       <td>{{node.changed + '000' | date:'medium'}}</td>
30       <td><span ng-switch on="node.promote">
31         <button ng-switch-when="1" ng-click="promote(node, 0)">Unpromote</button>
32         <button ng-switch-when="0" ng-click="promote(node, 1)">Promote</button>
33       </span></td>
34     </tr>
35   </tbody>
36 </table>

```

View



Select a State to Activate Counties



Real Life Example

www.countyhealthrankings.org

THANK YOU!

Any questions?

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