

Angular & D3

Leif Terje Fonnes

Utfordring

Identifisere unormale transkodingstider



D3 - d3js.org

Visualiseringsbibliotek

Utviklet av Mike Bostock





ANGULARJS

by Google

Developer(s)	Google Inc. and community.
Initial release	2009
Latest stable	1.2.15 / March 21, 2014; 13 days ago
Development status	Active
Written in	JavaScript
Operating system	Cross-platform
Size	101 KiB production 729 KiB development
Type	JavaScript framework
License	MIT License
Website	www.angularjs.org 

Oppskrift

Kilde: Transkodingsdata

Verktøy: Angular & D3

Gode hjelpere: Sinatra, Bower

Forutsetter: Ruby & Node

Platform: Windows/Mac/Linux



Bower - <https://github.com/bower/bower>

```
npm install -g bower
```



Start prosjektet

mkdir ad3

cd ad3

mkdir data

mkdir views

mkdir public





<http://jurassicsystems.com/>

.bowerrc

```
{  
  "directory" : "public/components"  
}
```

Gemfile

```
source 'https://rubygems.org'
```

```
gem 'sinatra'
```

```
gem 'thin'
```

```
group :development do
```

```
  gem 'shotgun'
```

```
end
```



Så koker vi litt

git init

git add .

git commit -m "Initial commit"

bundle

bower install angularjs-nvd3-directives

bower install bootstrap



Server kode

```
require 'sinatra'
```

```
get '/' do  
  erb :index  
end
```

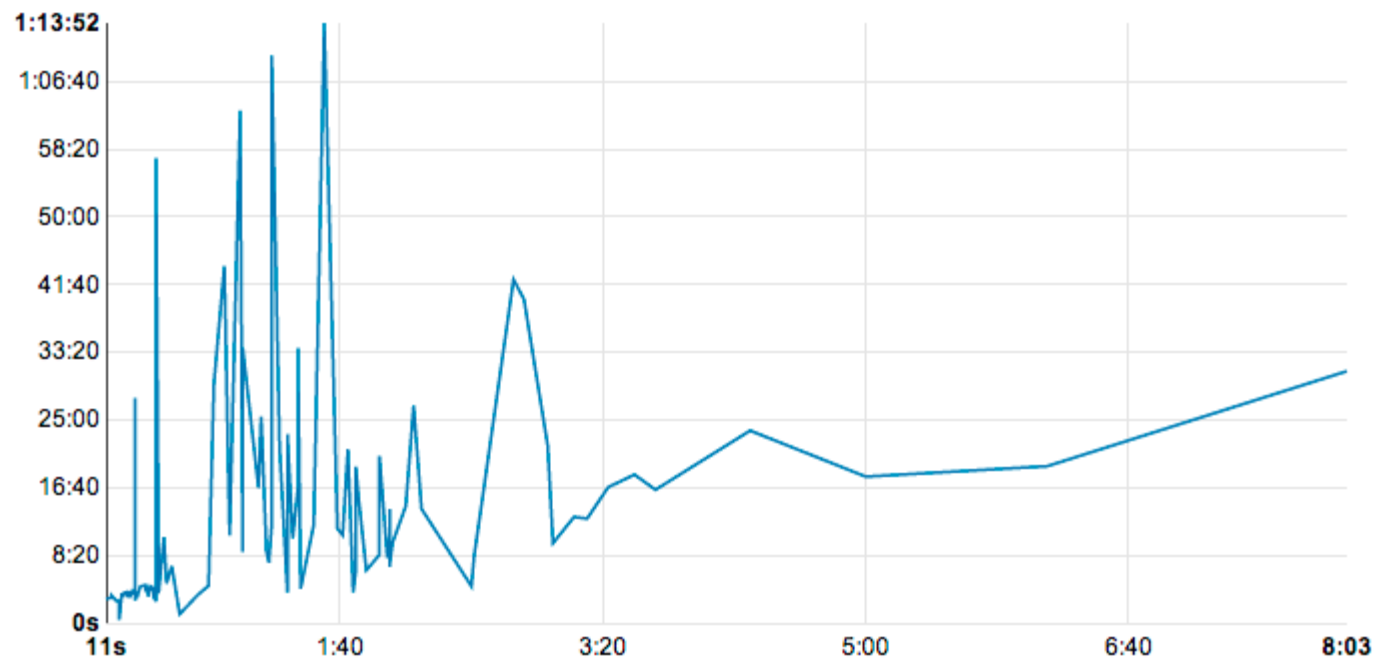
```
get '/api/data' do  
  content_type :json  
  File.read('data/data.json')  
end
```



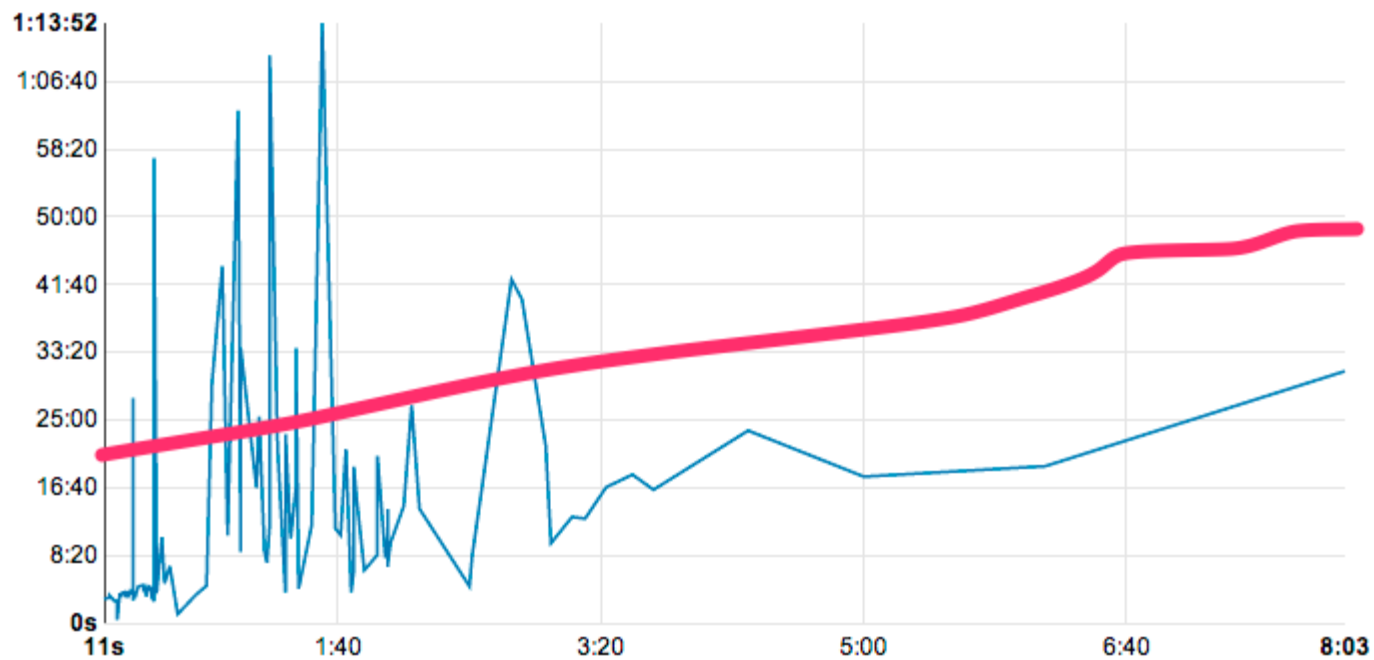
public/index.erb

```
1 <!DOCTYPE html>
2 <html ng-app="ad3">
3 <head>
4   <title>Angular & D3</title>
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <link charset="utf-8" href='components/bootstrap/dist/css/bootstrap.min.css' rel="stylesheet" type="text/css" >
7   <link charset="utf-8" href='components/nvd3/nv.d3.css' rel="stylesheet" type="text/css" >
8   <link charset="utf-8" href='ad3.css' rel="stylesheet" type="text/css" >
9
10 </head>
11 <body>
12 <div class="container" ng-controller="MainController">
13
14   <div class="well"><h1>{{info.title}}</h1></div>
15
16   <div class="row chart">
17     <nvd3-line-chart
18       data="r2_data"
19       id="r2_graph"
20       class="chart"
21       showXAxis="true"
22       showYAxis="true"
23       tooltips="true"
24       xAxisTickFormat="xAxisTickFormatFunction()"
25       yAxisTickFormat="yAxisTickFormatFunction()"
26       interactive="true"
27     >
28     </nvd3-line-chart>
29   </div>
30 </div>
31
32
33 <script charset="utf-8" src='components/underscore/underscore.js' type="text/javascript" ></script>
34 <script charset="utf-8" src='components/jquery/dist/jquery.js' type="text/javascript" ></script>
35 <script charset="utf-8" src='components/bootstrap/dist/js/bootstrap.min.js' type="text/javascript" ></script>
36 <script charset="utf-8" src='components/angular/angular.js' type="text/javascript" ></script>
37 <script charset="utf-8" src='components/angular-resource/angular-resource.js' type="text/javascript" ></script>
38 <script charset="utf-8" src='components/d3/d3.js' type="text/javascript" ></script>
39 <script charset="utf-8" src='components/nvd3/nv.d3.js' type="text/javascript" ></script>
40 <script charset="utf-8" src='components/angularjs-nvd3-directives/dist/angularjs-nvd3-directives.js' type="text/javascript" ></script>
41
42 <script charset="utf-8" src='ad3.js' type="text/javascript" ></script>
43
44 </body>
45 </html>
```

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Transkodingstid / lengde

