

# scribble.ly



a url shortener, by Kevin Kao

# Server Overview

- + Server implemented in Python with **Flask** server
- + Used **shelve** as an on-disk database

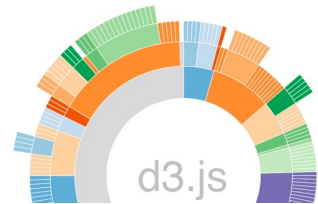


# Front-End Overview

- + Google Web Fonts
- + jQuery
- + D3.js, Rickshaw.js
- + Bootstrap
- + Heavy on JavaScript
- + Single-Page Application

The Bootstrap logo is displayed on a dark purple rectangular background. The word "Bootstrap" is written in a white, sans-serif font.

Bootstrap



# Features

- + Alphanumeric short codes with JS validation
- + Automatic short code generation, as well as manual

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URL	<input type="text" value="www.google.com"/>
Short	<input type="text" value="aXd4E4"/>

6 alphanumeric characters only please!  
If your long URL already has a short, we won't generate a new one.

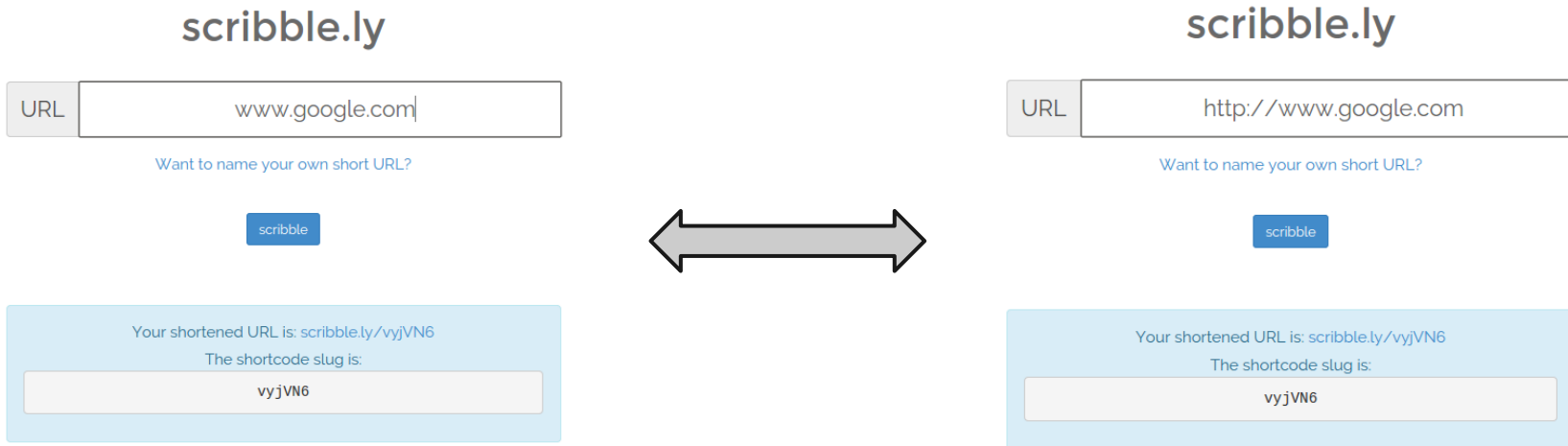
[scribble](#)

Your shortened URL is: [scribble.ly/vyjVN6](#)  
The shortcode slug is:

# Features

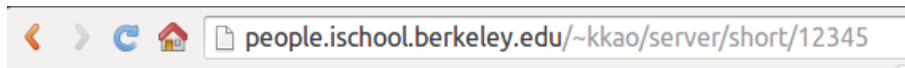
+ “Fuzzy” joins of same URLs

+ [www.google.com](http://www.google.com), <http://www.google.com>



# Features

- + Fluid experience with JS animations
- + No page refreshes
- + Flash errors instead of a 404 page, 500 page



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Unable to resolve shortcode: 12345

URL

<http://www.google.com>

[Want to name your own short URL?](#)

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# Features

- + Basic traffic analytics
- + Based off D3.js and Rickshaw.js
- + Real-time
- + Continuous polling through AJAX requests

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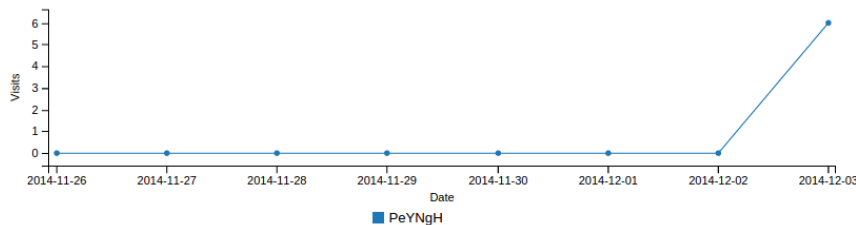
visualize your data

Short Code

PeYNgH

analyze

time series (clicks)



# Demo

Link:

<http://people.ischool.berkeley.edu/~kkao/server>



**THE END**

Questions?