

The New York Times API

It's snazzy.



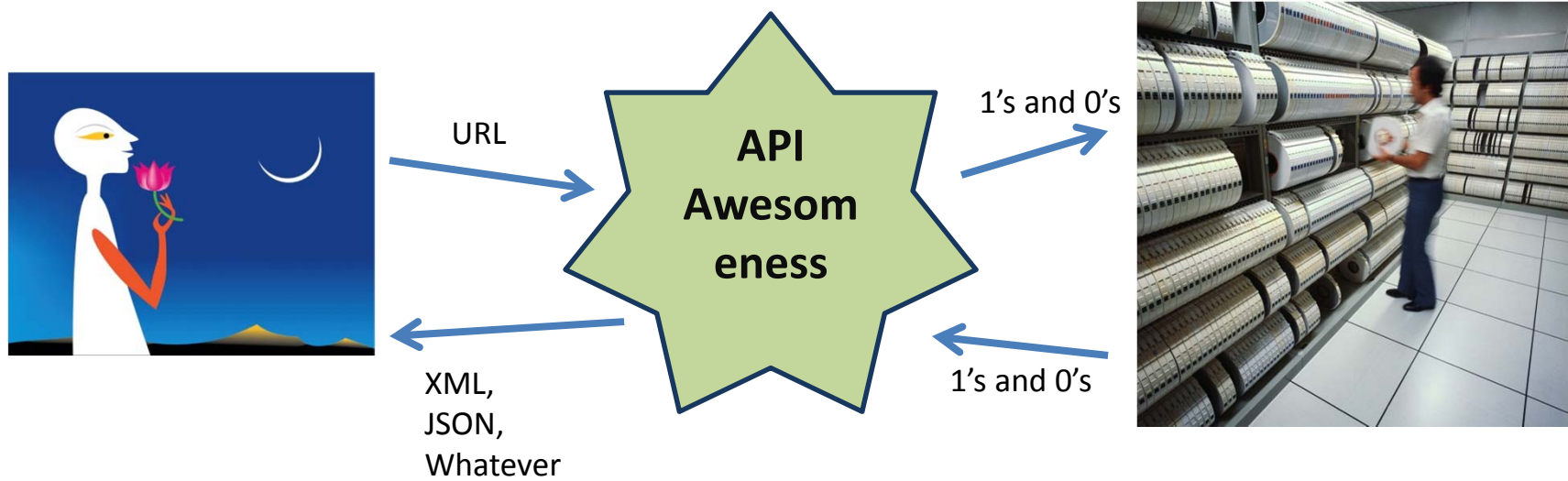
API's are nifty.

Human/Computer: GUI

AS

Computer/More complex Computer: API

How it works!



Get to know your Times API's

Internal NYTimes Data

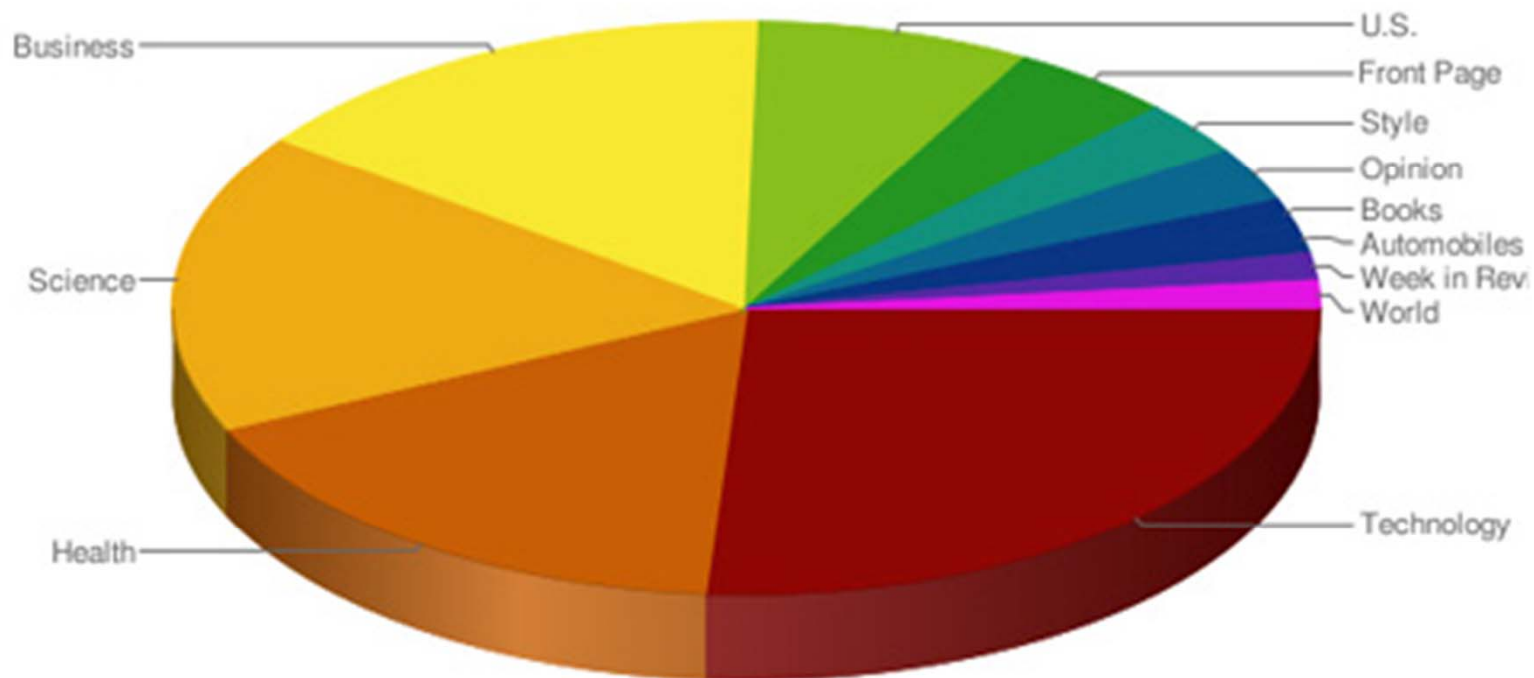
- Article Search API
- Most Popular API
- Movie Reviews API
- Times Newswire API
- TimesPeople API
- TimesTags API
- Real Estate listings API
- Community API
- Best Sellers API

External data they're hosting for fun

- Campaign Finance API
- Congress API
- Districts API
- NY State Legislature API



Popular Sections for Nick Thuesen



You can find the documentation for the TimesPeople API [here](#). Good luck, and please [give us your feedback](#)! There are still many changes on the horizon for TimesPeople, so stay tuned.

Comments (3)

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The Arrival of Transparency

New York Times mentions 1990 - 2009



Created for Sunlight Foundation with Processing code provided by <http://blog.blprnt.com>

Anatomy of an API call

The Base URL

The Query

The Key

http://BASEURL?query=QUERY&api-key=KEY

More about queries!

- **Search terms**

query=puppies

query=title:puppies

- **Begin date and end date**

query=puppies&begin_date=20110828

- **Fields requested back**

query=puppies&fields=title,date

- **Rank (the order)**

query=puppies&rank=oldest

- **Offset (what group of 10 we're on)**

query=puppies&offset = 3

Cheat sheet!!!11!

<http://www.upables.org/APIClass/cheatsheet.html>

Let's give it a go!

Common Query items

- abstract
- author
- body
- byline
- comments
- date
- day_of_week_facet
- lead_paragraph
- small_image_url
- text
- title
- url
- word_count

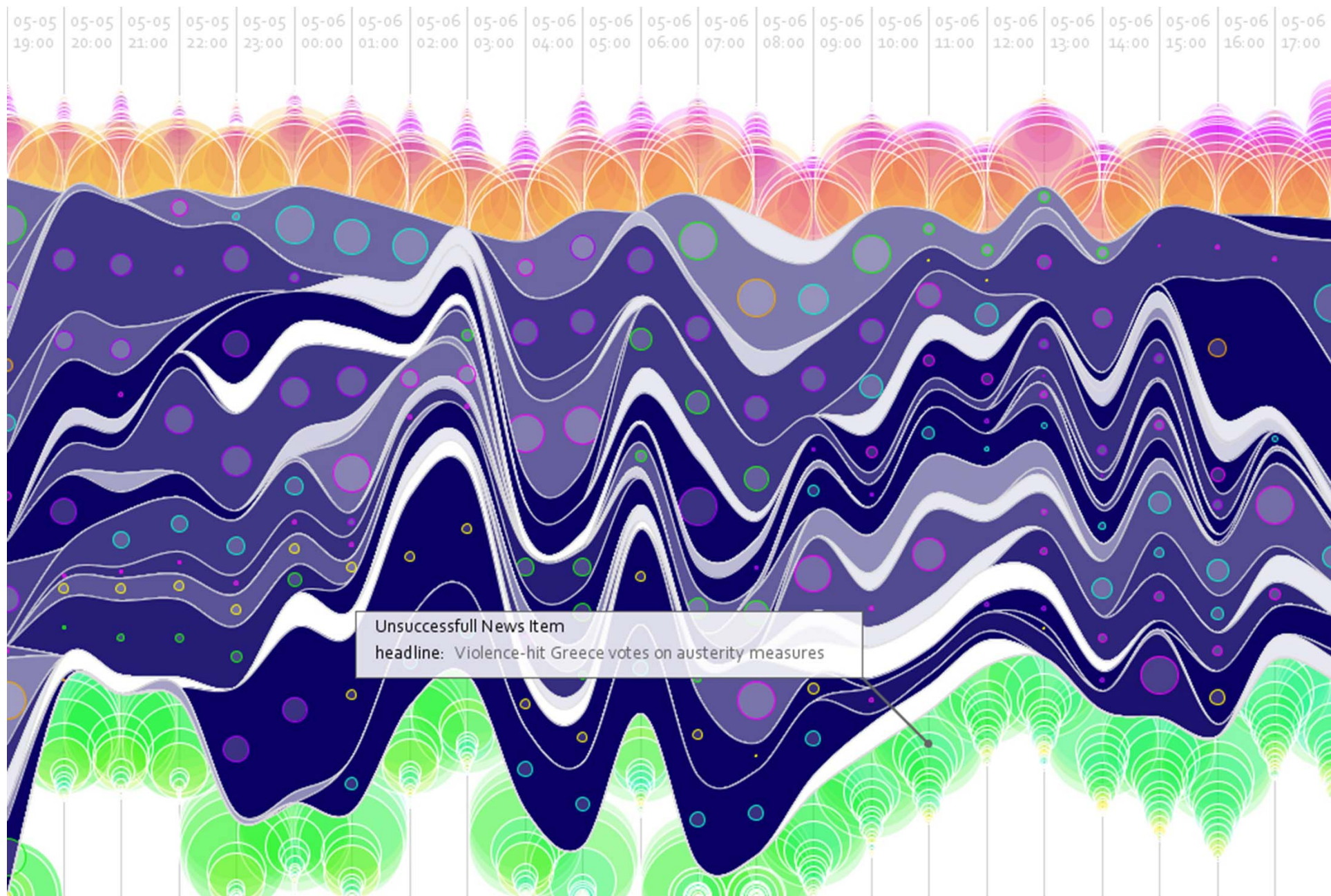
{"offset" : "0" , "results" :

 {"byline" : "By ALIDA BECKER" , "title" : "The Buddha in the Attic - By Julie Otsuka - Book Review"} ,
 {"byline" : "By FLORENCE FABRICANT" , "title" : "RedFarm, Chuko and Other Restaurant Openings"} ,
 {"byline" : "By JACK HITT" , "title" : "The Dollar Store Economy"} ,
 {"byline" : "By VERLYN KLINKENBORG" , "title" : "EDITORIAL | THE RURAL LIFE; Innocent Parties"} ,
 {"byline" : "By JESSICA STEINBERG" , "title" : "PROPERTIES; The Ebb and Flow of an Evolving Home
and Setting"} ,
 {"byline" : "By JIM ROBBINS" , "title" : "Grizzlies Return, With Strings Attached"} ,
 {"byline" : "By TAMMY LA GORCE" , "title" : "QUICK BITE | JERSEY CITY; Touches of the
Mediterranean"} ,
 {"byline" : "By CARLO ROTELLA" , "title" : "A Darker Shade of Green"} ,
 {"byline" : "By ERIK ECKHOLM" , "title" : "With No More Cowboys Taking Vows, Monastery Quits the
Cattle Business"} ,
 {"byline" : "By REUTERS" , "title" : "Tyson Profit Is Hindered by Poultry Unit"}],

"tokens" : ["chickens"] , "total" : 6352}

Next up! The Times Newswire API

- More up to date
- Gives us results in XML if we want!
- Woo!



Take the search term from the user

Hi the Times API with it

Process and display our results!

```
<B>API Test</b><br><br>
```

This is a test of the NYTimes Article Search API! Let's get some images related to a search term.

```
<br /><br>
```

```
<form action="phpTest.php" method="get">
```

```
  Search term: <input name="sTerm" type="text" />
```

```
  <input type="submit" value="submit" name="submit"><br />
```

```
</form>
```

```
<?php
```

```
  $sTerm = $_GET["sTerm"];
```

```
  if ($sTerm != "") {
```

```
    echo "Your search term:<i> " . $sTerm . "</i><br><br>";
```

```
    $queryURL = "http://api.nytimes.com/svc/search/v1/article?query=" . urlencode($sTerm) . "&fields=small_image_url&api-key=MYKEY";
```

```
    echo "The Query URL: " . $queryURL . "<br>";
```

```
    $data = file_get_contents($queryURL);
```

```
    $jsondata = json_decode($data, true);
```

```
    if (count($jsondata['results']) != 0) {
```

```
      foreach ($jsondata['results'] as $article) {
```

```
        $articleImageURL = $article['small_image_url'];
```

```
        echo "<br><img src=\"" . $articleImageURL . "\"><br>";
```

```
      }
```

```
    } ///end if there are results in jsondata
```

```
    //If no articles were found in the json data...
```

```
    else {
```

```
      echo "<i>No associated articles!</i><br>";
```

```
    } //might wanna set a boolean here so we can spit out the o
```

```
  }
```

```
?>
```

Thanks, folks!

Check out this site!

<http://beta620.nytimes.com/>

Email me with any q's!

Fraade@gmail.com

