The Legal Tech Startup Landscape

CodeX FutureLaw 2018

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The science of justice

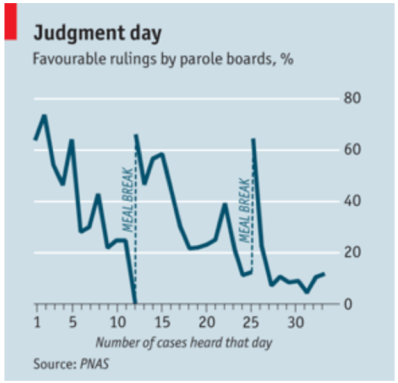
I think it's time we broke for lunch...

Court rulings depend partly on when the judge last had a snack

Apr 14th 2011

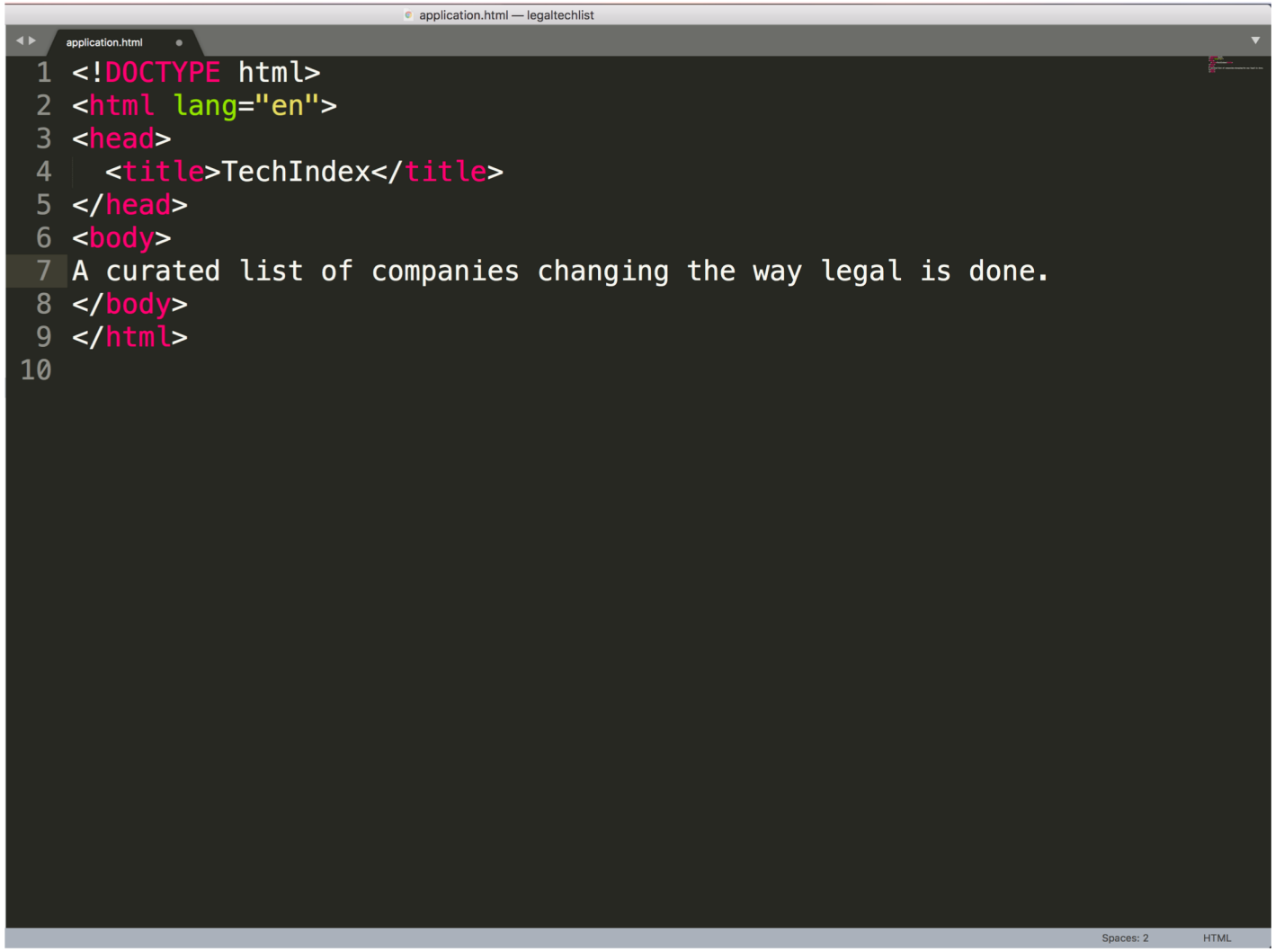
AROUND the world, courthouses are adorned with a statue of a blindfolded woman holding a set of scales and a sword: Justice personified. Her sword stands for the power of the court, her scales for the competing claims of the petitioners. The blindfold (a 15th-century innovation) represents the principle that justice should be blind. The law should be applied without fear or favour, with only cold reason and the facts of the case determining what happens to the accused. Lawyers, though, have long suspected that such lofty ideals are not always achieved in practice, even in well run judicial systems free from political meddling. Justice, say the cynics, is what the judge had for breakfast. Now they have proof.

A paper in the *Proceedings of the National Academy of Sciences* describes how Shai Danziger of Ben-Gurion University of the Negev and his colleagues followed eight Israeli judges for ten months as they ruled on over 1,000 applications made by prisoners to parole boards. The plaintiffs were asking either to be allowed out on parole or to have the conditions of their incarceration changed. The team found that, at the start of the day, the judges granted around two-thirds of the applications before them. As the hours passed, that number fell sharply (see chart), eventually reaching zero. But clemency returned after each of two daily breaks, during which the judges retired for food. The approval rate shot back up to near its original value, before falling again as the day wore on.



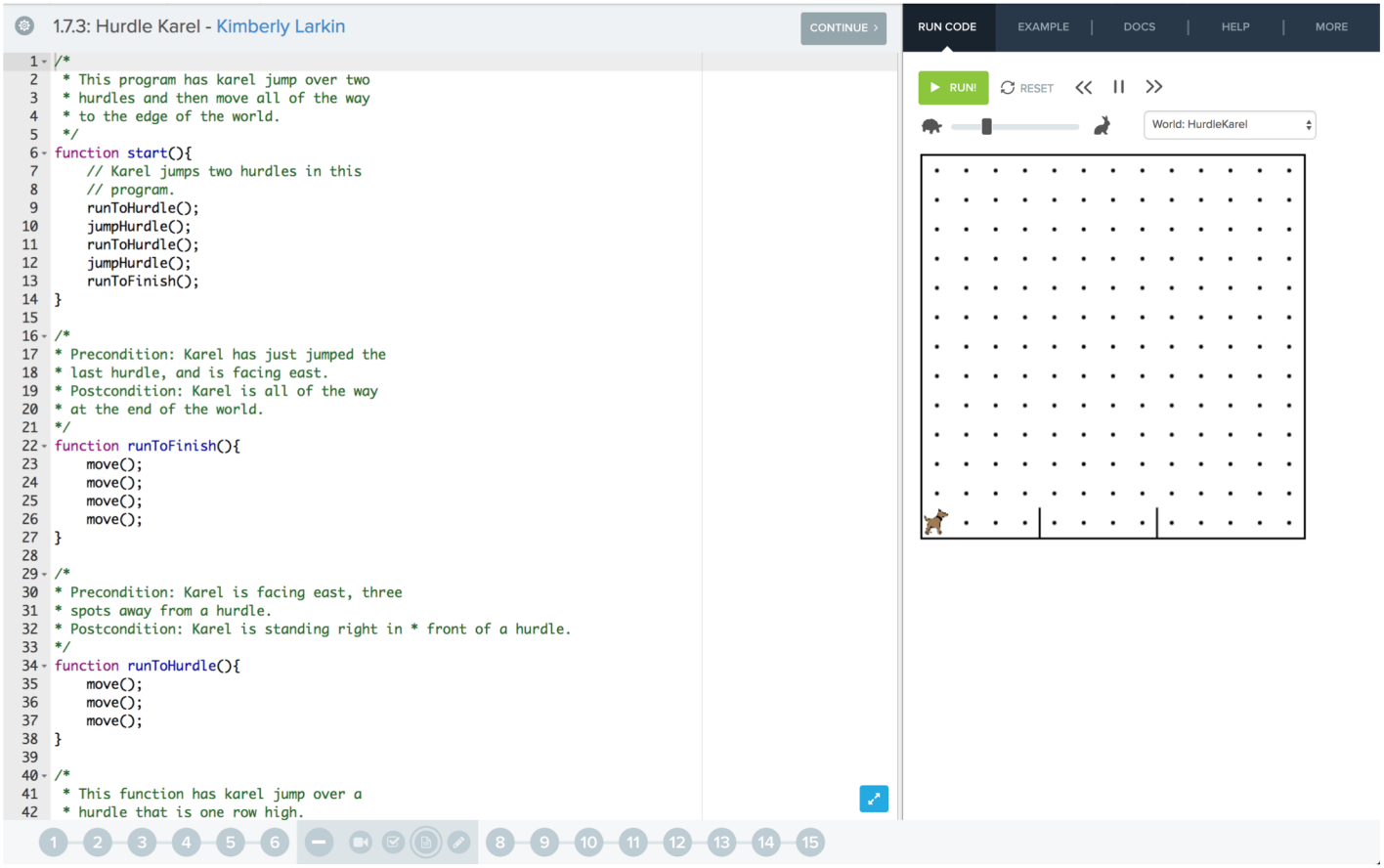
code = law

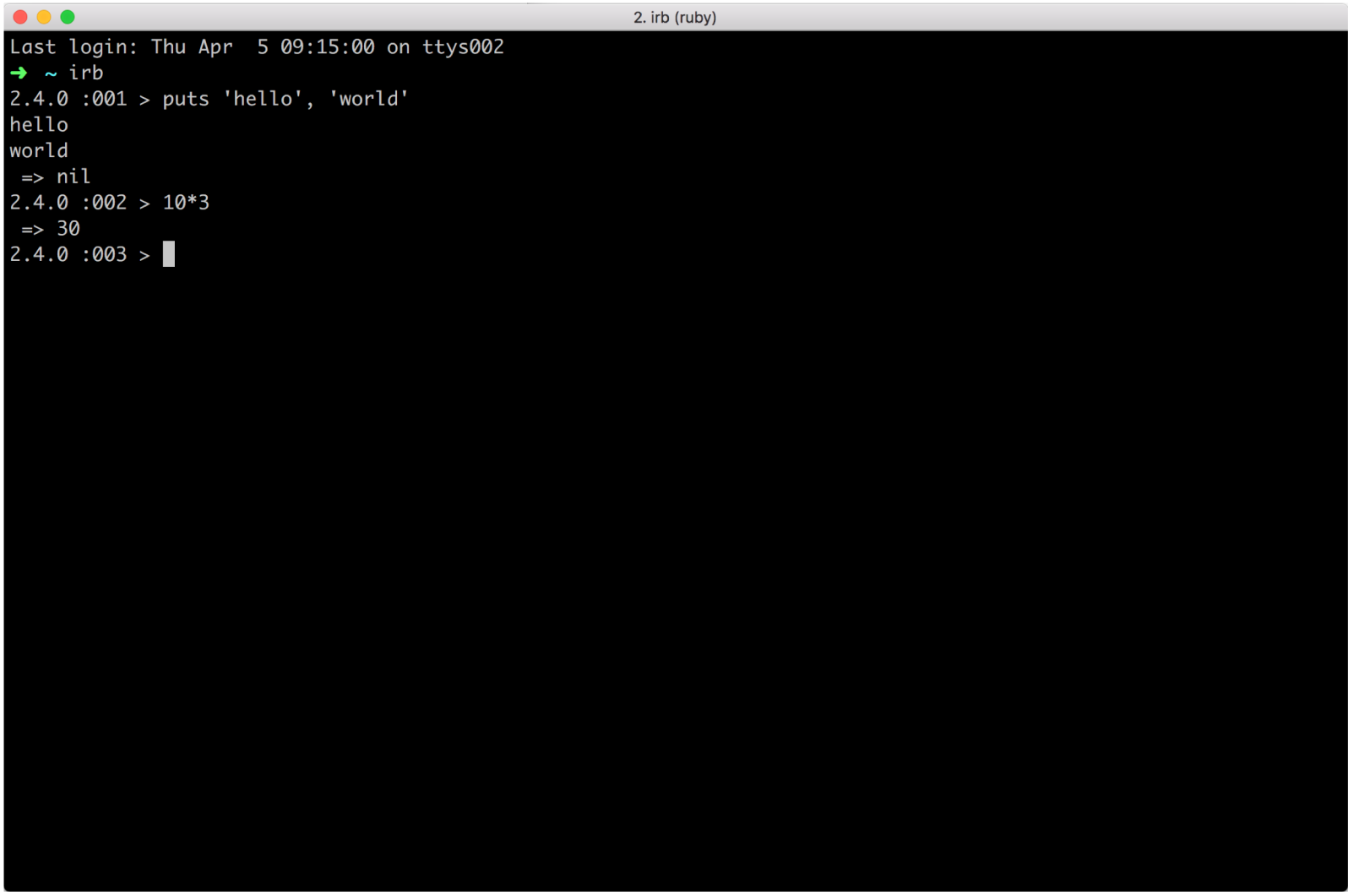
HANDS-ON INTRODUCTION
TO COMPUTER SCIENCE
FOR LAW STUDENTS

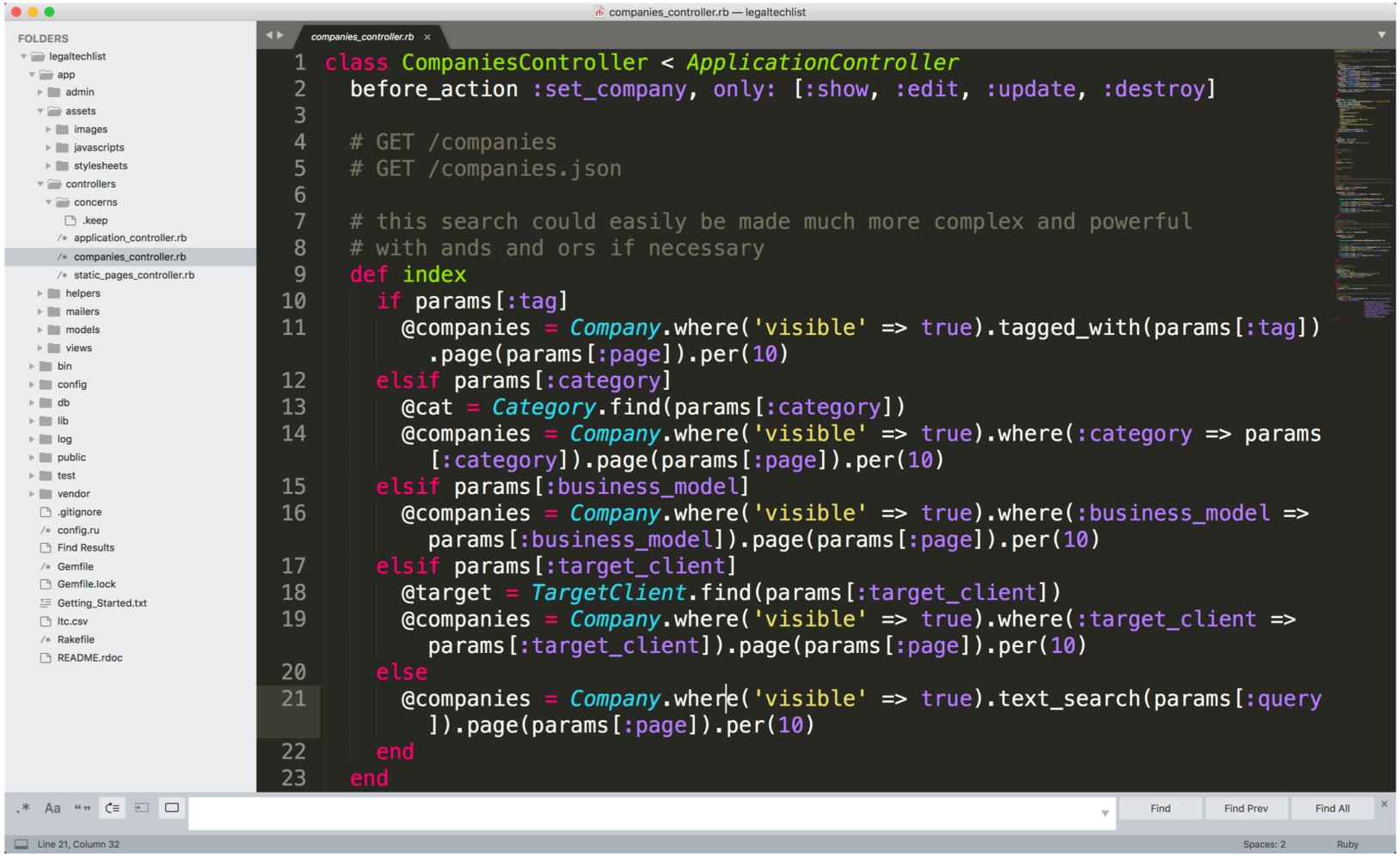

application.html — legaltechlist
application.html
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <title>TechIndex</title>
5 </head>
6 <body>
7 A curated list of companies changing the way legal is done.
8 </body>
9 </html>
10
Spaces: 2
HTML

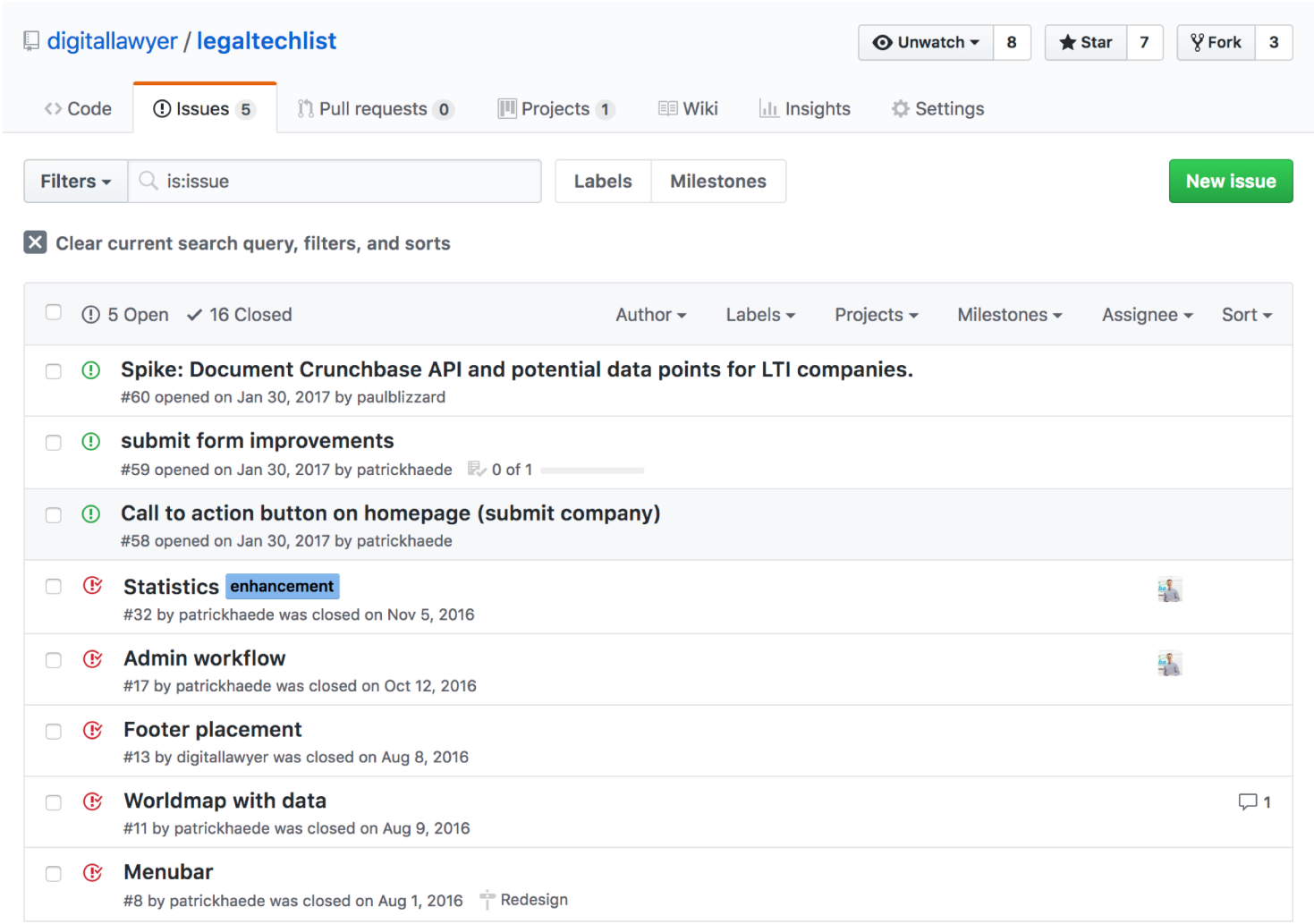
application.css

```css
body {
    font-family: proxima-nova, 'Helvetica Neue', Helvetica, Arial,
        sans-serif;
    padding-top: 50px;
}

#disclaimer {
  padding: 25px;
  background-color: #8bb314;
  margin: 25px;
  color: white;
}

```


1.7.3: Hurdle Karel - Kimberly Larkin
CONTINUE
RUN CODE
EXAMPLE
DOCS
HELP
MORE
RUN!
RESET
World: HurdleKarel
/*
* This program has karel jump over two
* hurdles and then move all of the way
* to the edge of the world.
*/
function start(){
// Karel jumps two hurdles in this
// program.
runToHurdle();
jumpHurdle();
runToHurdle();
jumpHurdle();
runToFinish();
}
/*
* Precondition: Karel has just jumped the
* last hurdle, and is facing east.
* Postcondition: Karel is all of the way
* at the end of the world.
*/
function runToFinish(){
move();
move();
move();
move();
}
/*
* Precondition: Karel is facing east, three
* spots away from a hurdle.
* Postcondition: Karel is standing right in * front of a hurdle.
*/
function runToHurdle(){
move();
move();
move();
}
/*
* This function has karel jump over a
* hurdle that is one row high.
1 2 3 4 5 6 8 9 10 11 12 13 14 15

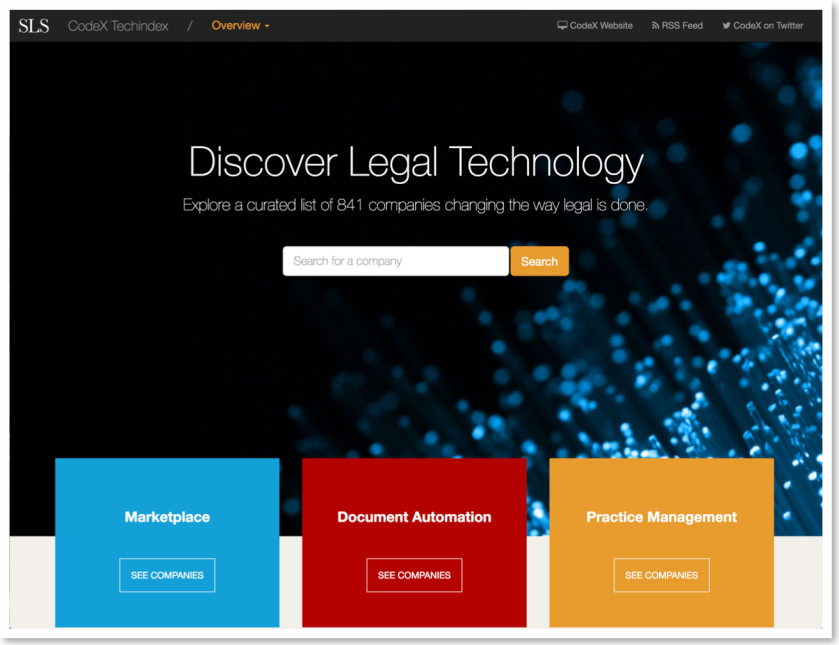

2. irb (ruby)
Last login: Thu Apr 5 09:15:00 on ttys002
➜ ~ irb
2.4.0 :001 > puts 'hello', 'world'
hello
world
 => nil
2.4.0 :002 > 10*3
 => 30
2.4.0 :003 >


companies_controller.rb — legaltechlist
FOLDERS
legaltechlist
app
admin
assets
images
javascripts
stylesheets
controllers
concerns
.keep
application_controller.rb
companies_controller.rb
static_pages_controller.rb
helpers
mailers
models
views
bin
config
db
lib
log
public
test
vendor
.gitignore
config.ru
Find Results
Gemfile
Gemfile.lock
Getting_Started.txt
ltc.csv
Rakefile
README.rdoc
companies_controller.rb
1 class CompaniesController < ApplicationController
2 before_action :set_company, only: [:show, :edit, :update, :destroy]
3
4 # GET /companies
5 # GET /companies.json
6
7 # this search could easily be made much more complex and powerful
8 # with ands and ors if necessary
9 def index
10 if params[:tag]
11 @companies = Company.where('visible' => true).tagged_with(params[:tag])
.page(params[:page]).per(10)
12 elsif params[:category]
13 @cat = Category.find(params[:category])
14 @companies = Company.where('visible' => true).where(:category => params
[:category]).page(params[:page]).per(10)
15 elsif params[:business_model]
16 @companies = Company.where('visible' => true).where(:business_model =>
params[:business_model]).page(params[:page]).per(10)
17 elsif params[:target_client]
18 @target = TargetClient.find(params[:target_client])
19 @companies = Company.where('visible' => true).where(:target_client =>
params[:target_client]).page(params[:page]).per(10)
20 else
21 @companies = Company.where('visible' => true).text_search(params[:query
]).page(params[:page]).per(10)
22 end
23 end
Find
Find Prev
Find All
Line 21, Column 32
Spaces: 2
Ruby


digitallawyer / legaltechlist
Unwatch 8
Star 7
Fork 3
Code
Issues 5
Pull requests 0
Projects 1
Wiki
Insights
Settings
Filters
is:issue
Labels
Milestones
New issue
Clear current search query, filters, and sorts
5 Open
16 Closed
Author
Labels
Projects
Milestones
Assignee
Sort
Spike: Document Crunchbase API and potential data points for LTI companies.
#60 opened on Jan 30, 2017 by paulblizzard
submit form improvements
#59 opened on Jan 30, 2017 by patrickhaede 0 of 1
Call to action button on homepage (submit company)
#58 opened on Jan 30, 2017 by patrickhaede
Statistics enhancement
#32 by patrickhaede was closed on Nov 5, 2016
Admin workflow
#17 by patrickhaede was closed on Oct 12, 2016
Footer placement
#13 by digitallawyer was closed on Aug 8, 2016
Worldmap with data
1
#11 by patrickhaede was closed on Aug 9, 2016
Menubar
#8 by patrickhaede was closed on Aug 1, 2016 Redesign

techindex.law.stanford.edu

A CURATED LIST OF 828 COMPANIES CHANGING THE WAY LEGAL IS DONE



Companies covered by TechIndex

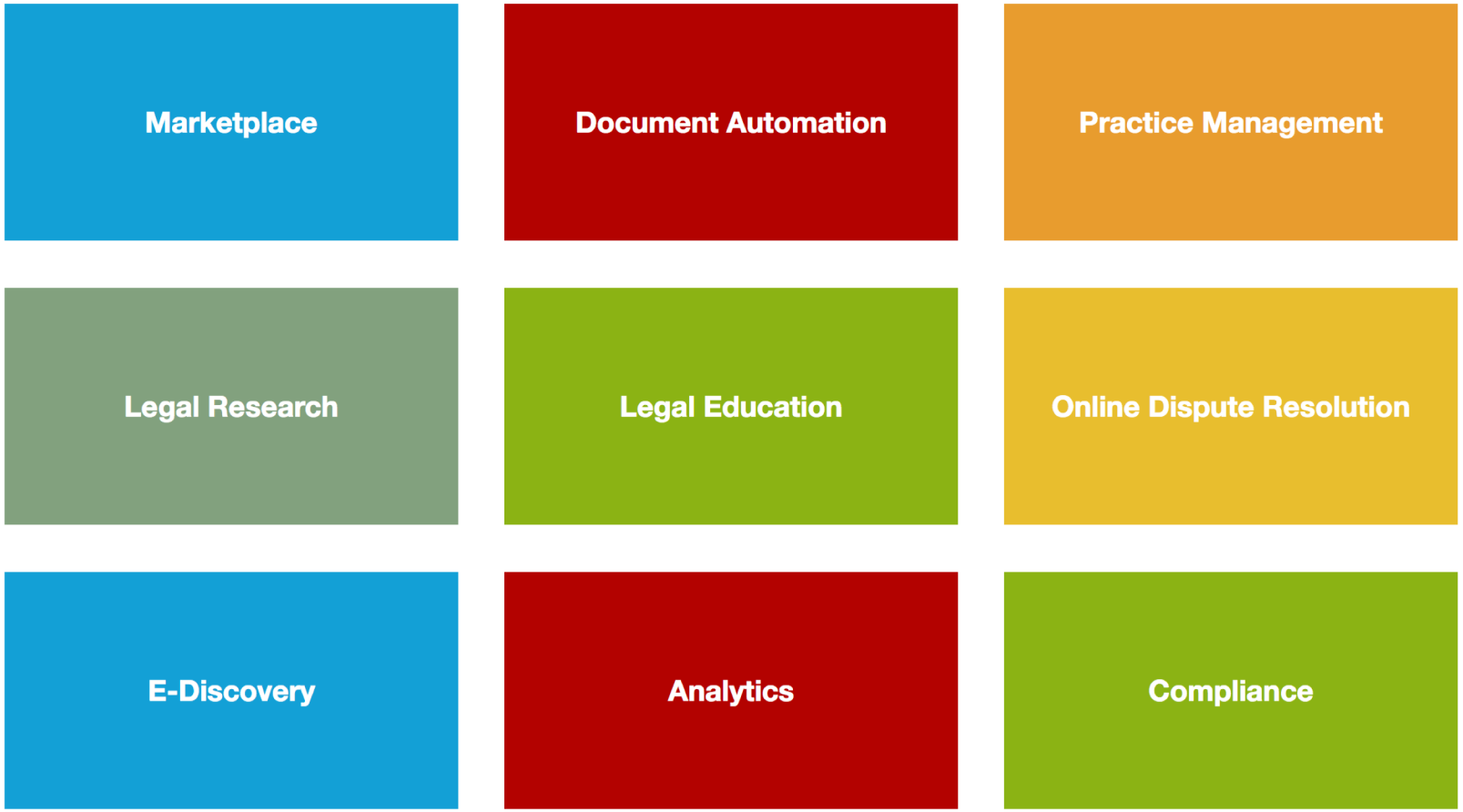
Legal Technology Companies

- Tracking startups and more mature legal technology companies
- Dating back to as early as 1929
- Covering a wide variety of use cases
- Based anywhere in the world

Data

- Contributed and maintained by the community
- Company info (name, description, date founded)
- Categorization (main categories, free tags)
- Online Footprint (Website, Twitter, CrunchBase)
- Geographic Location
- Funding Information

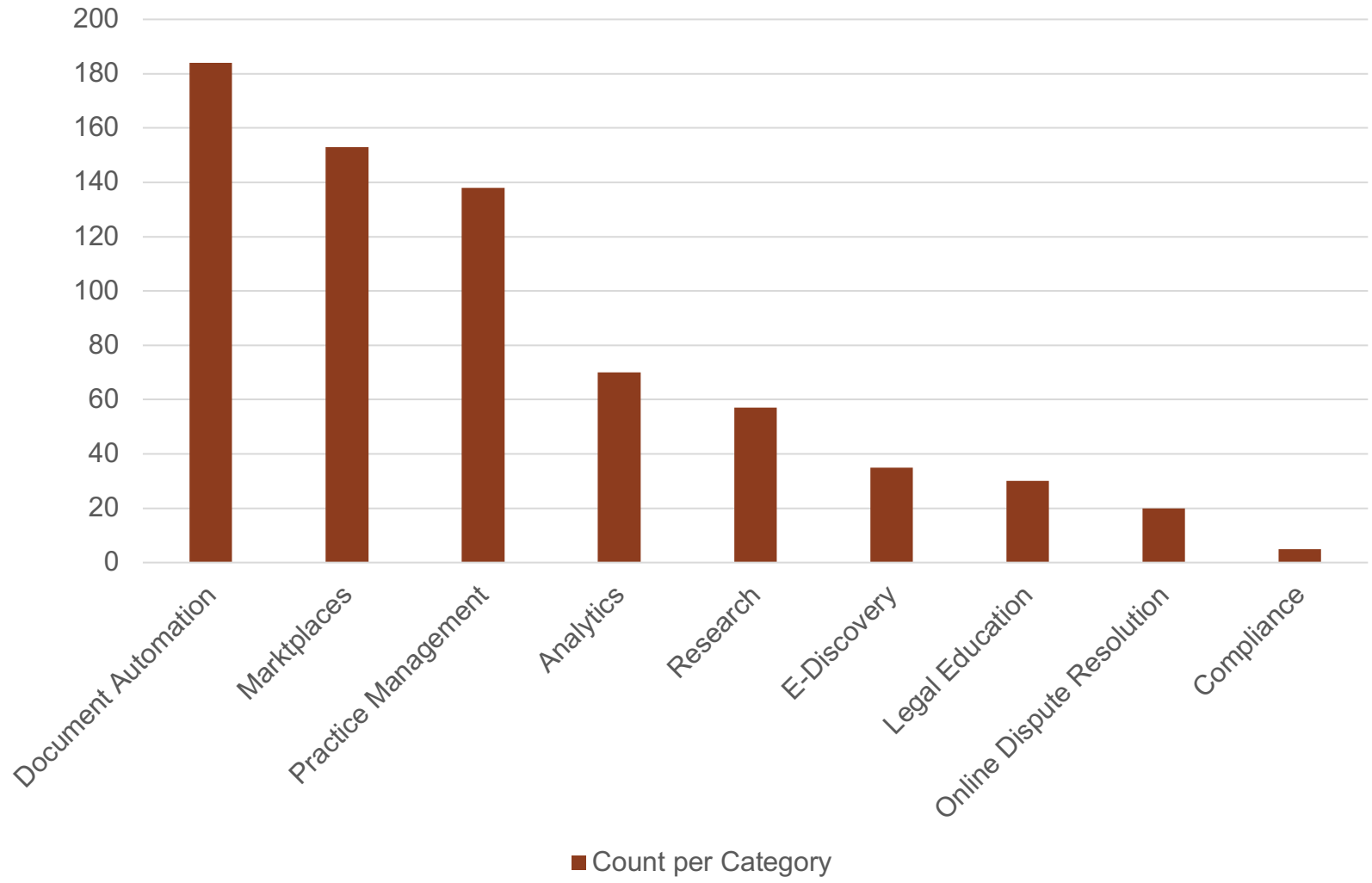
Main Categories



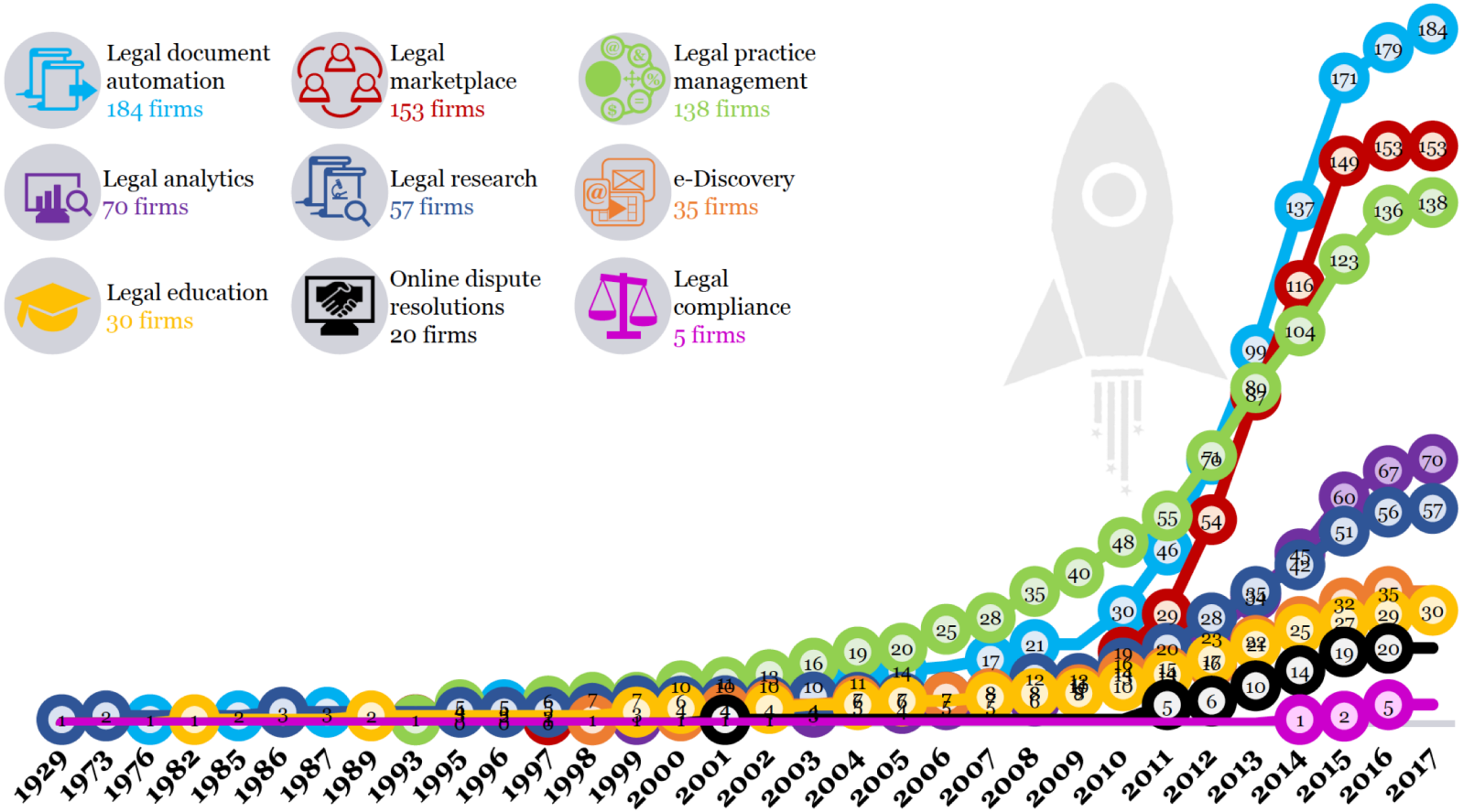
Tags

find-a-lawyer entrepreneur recommendation marketplace documents accreditation investor lawyer marketplace immigration saas wills estates depositions patents patent search consumer air-fare airline start-ups cap-table vc investors term-sheets law-firms workflow litigation sme small business blockchain ip legal education property tax appeal case management dilligence investigation auditing arbitration dispute resolution odr mobile app compliance parole probation regulation finance analytics

Category Distribution



Category Distribution Over Time



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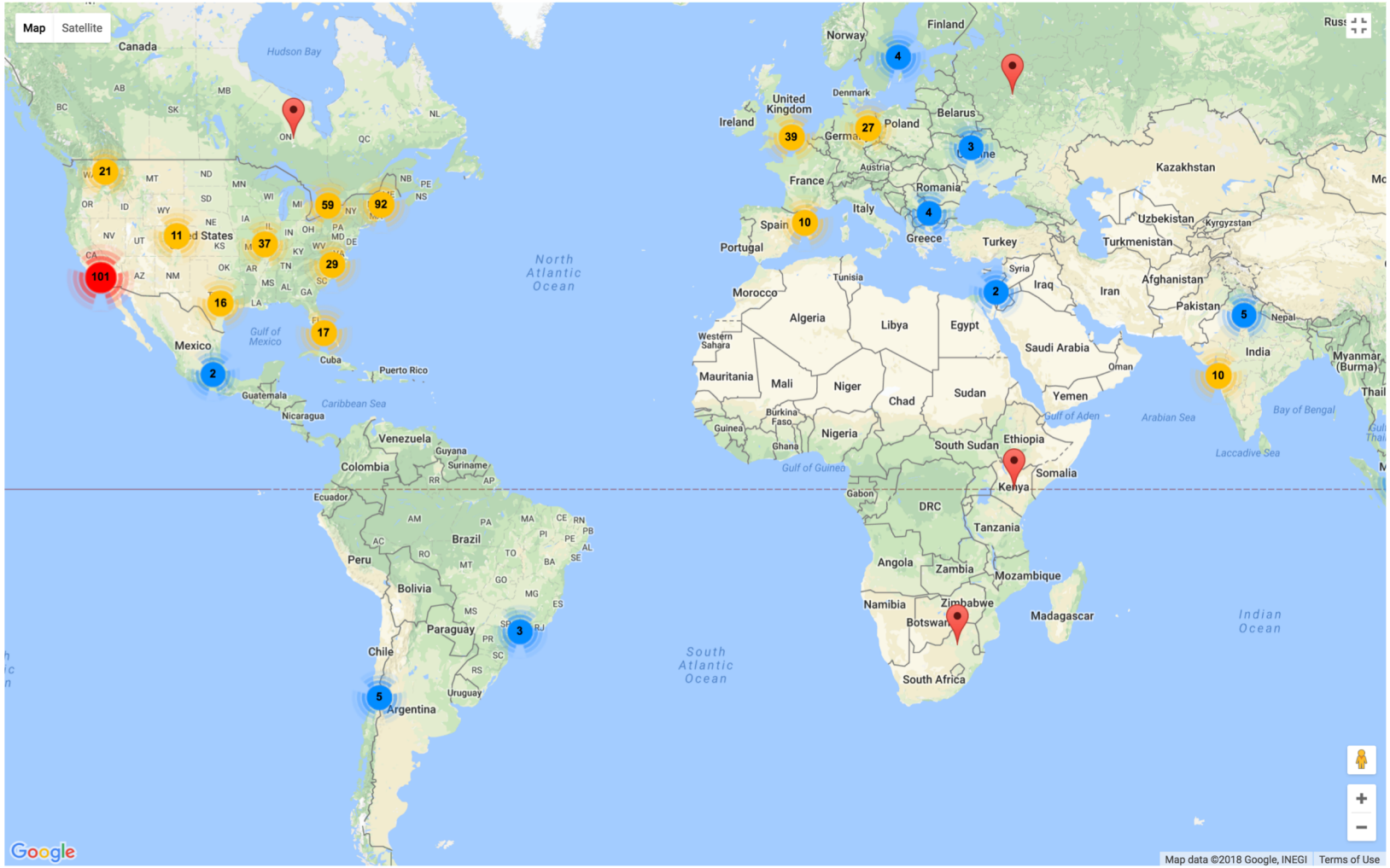
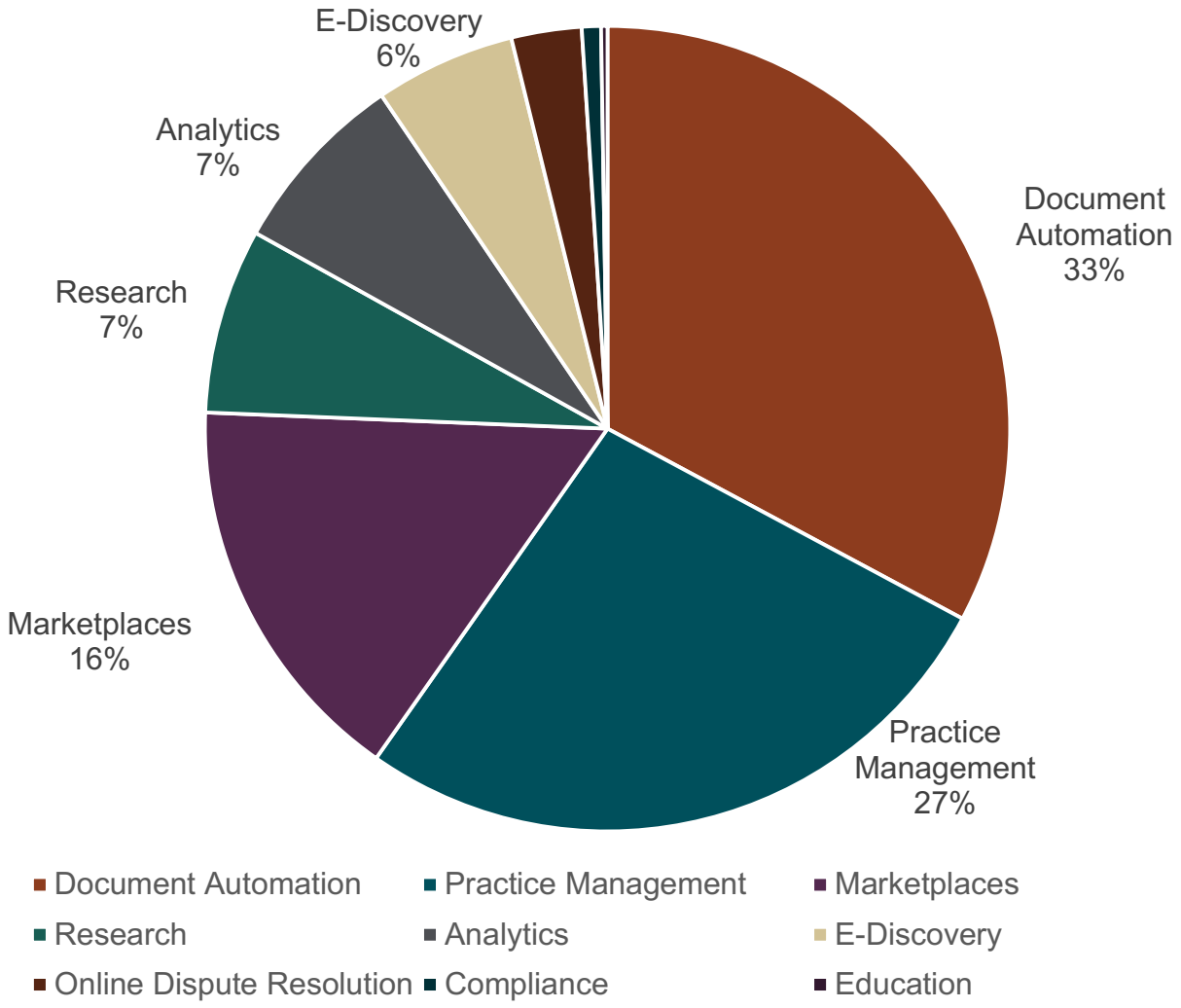
Geographic Distribution

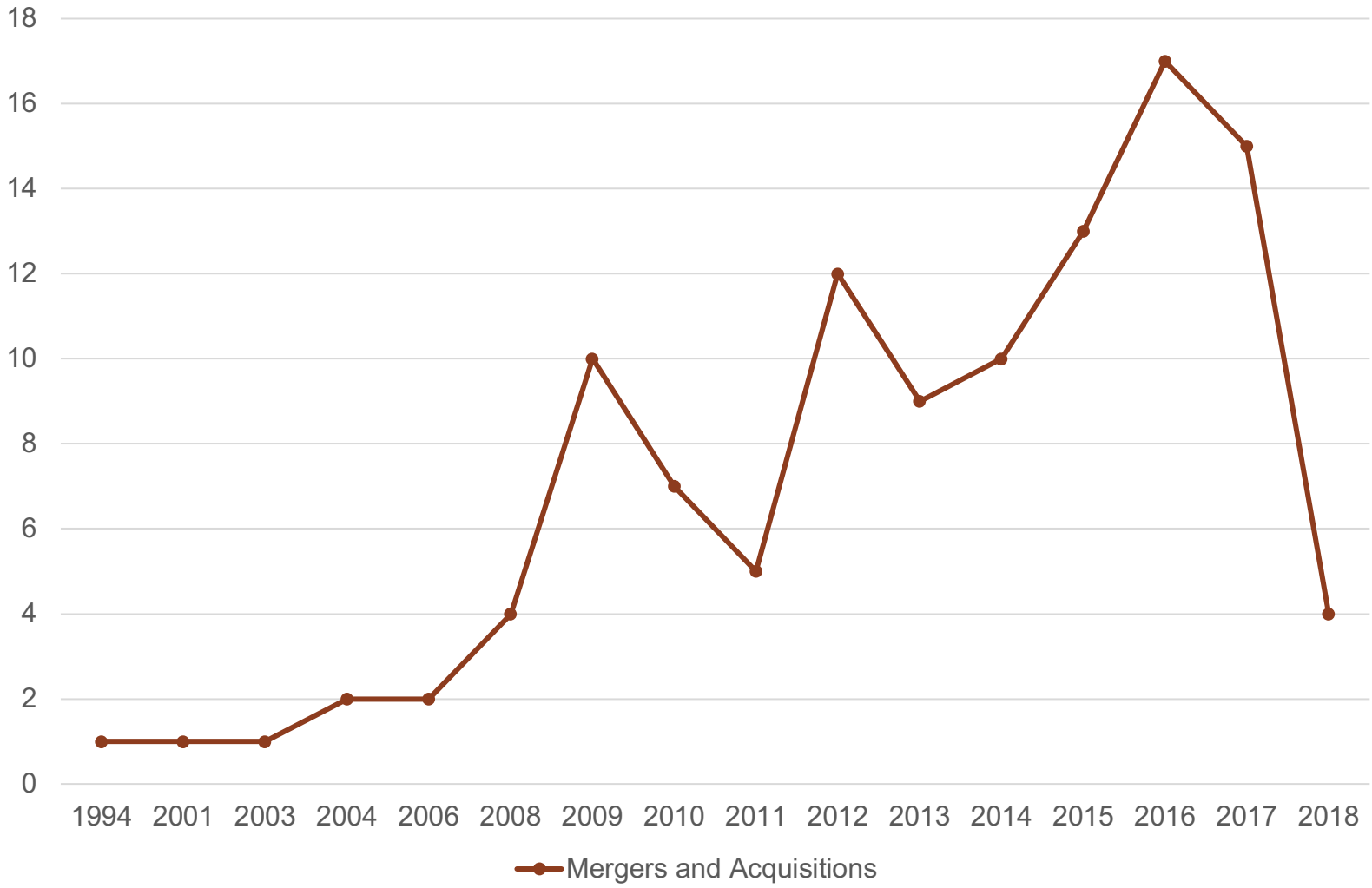


Stanford University

Fundraising: Over $2.5B raised in more than 450 deals



M&A: Over 100 transactions, with a peak in 2016.



Recent trends

- Move to the cloud (Yes, it is 2018)
- Learning from consumer technologies (Mobile, design)
- Intelligent agents as a means of document automation.
- E-discovery, Analytics and Automation: from search to AI.
- DLT and Smart Contracts: emergence of a new category.
- A move towards decentralization.

Acknowledgements

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Bryan Wilson
Kevin Xu

Contributions from law students, lawyers, corporate entities, and over 100 users, from all over the world.

Thank You

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Interested in contributing?

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