

Re-inventing



js.com

Hi, I'm

Katie

Hi, I'm

Katie

@katie_fenn

Hi, I'm

Katie

- work at 
- make the npmjs.com website
- also support the [registry](#)
- from [sheffield](#)

disclaimer:

this talk is not about performance

Let's go back to the
beginning

june 2010

landing page



npm is a package manager for **node**. You can use it to install and publish your node programs. It manages dependencies and does other cool stuff.

Not much here at the moment. Check out **the git repository**.



december 2010

becoming a portal

npm is a package manager for **node**. You can use it to **install** and publish your node programs. It manages dependencies and does other cool stuff.

One Line Install

```
curl http://npmjs.org/install.sh | sh
```

More Than One Line Install

1. **Get the code.**
2. Run `make`

Other Cool Stuff

- **README**
- **FAQ**
- **Search for Packages**
- **Mailing List**
- **Bugs**

- ↑ NODE.JS HOME
- ↓ DOWNLOAD
- i ABOUT
- npm NPM REGISTRY
- 📄 DOCS
- ✍️ BLOG
- 💬 COMMUNITY
- 🏠 LOGOS
- 📁 JOBS



Search Packages



Create account

august 2012

community hub

Node Packaged Modules

Total Packages: 13769

428403 downloads in the last day
2645230 downloads in the last week
8601024 downloads in the last month

Patches welcome!

Any package can be installed by using `npm install`.

Add your programs to this index by using `npm publish`.

Recently Updated

- 0m `sepro`
- 0m `lop`
- 1m `quickthumb`
- 3m `option`
- 3m `charged`
- 9m `solfege`
- 10m `node-core-audio`
- 14m `node-quickthumb`

Most Depended Upon


- 1276 `underscore`
- 764 `request`
- 763 `coffee-script`
- 739 `async`
- 635 `express`
- 627 `optimist`
- 428 `commander`
- 427 `colors`




february 2015

npm is the package manager for **javascript**. **company homepage**

 **123,980**
total packages

 **38,497,347**
downloads in the last day

 **243,381,139**
downloads in the last week

 **939,229,146**
downloads in the last month

packages people 'npm install' a lot



browserify

express

express



pm2



find packages

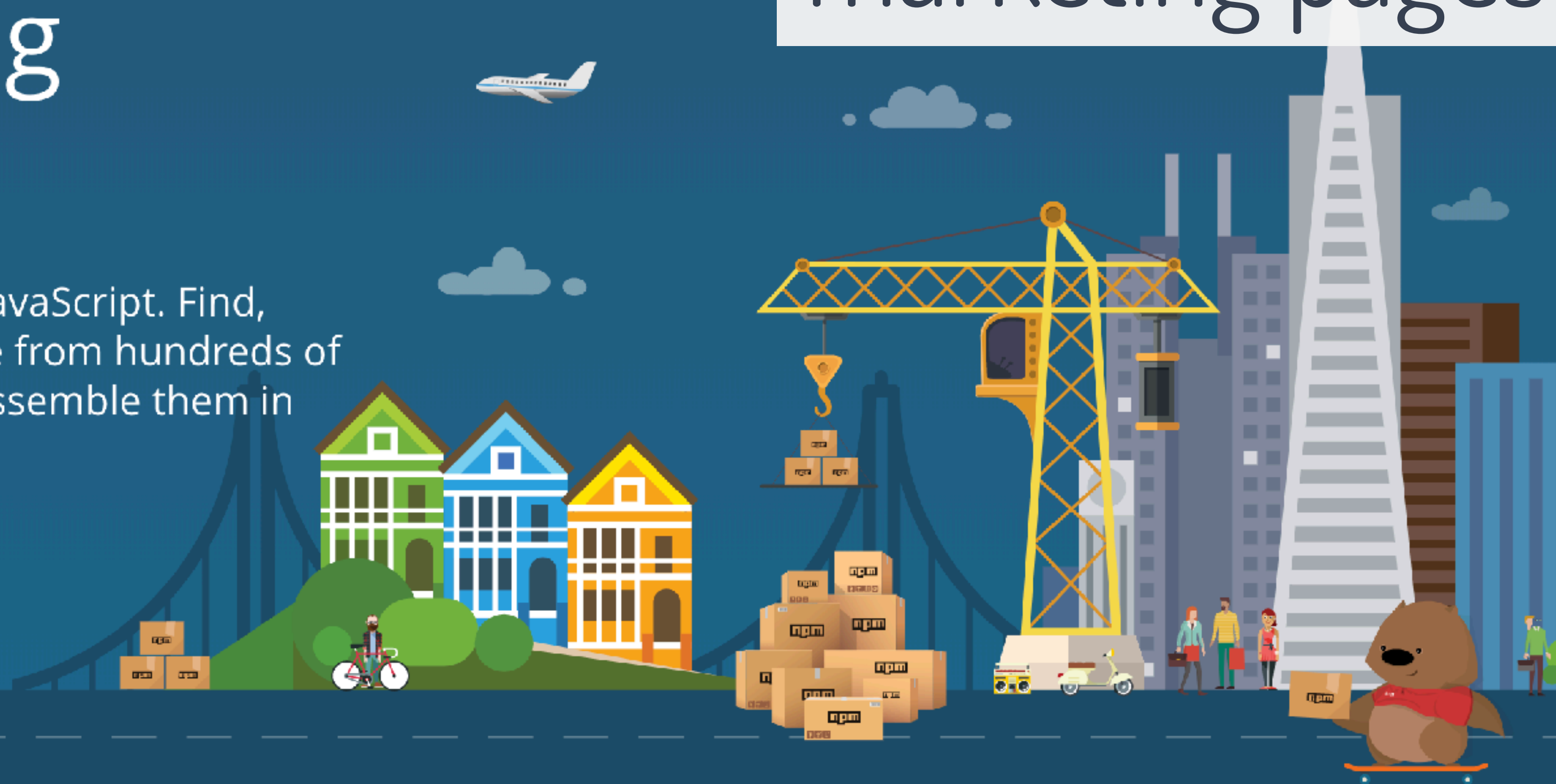
september 2015

marketing pages

Build amazing things

npm is the package manager for JavaScript. Find, share, and reuse packages of code from hundreds of thousands of developers — and assemble them in powerful new ways.

Get started



march 2018

what's next?



services

- orgs
- private repos
- 2fa
- access tokens
- ???

identity crisis

harder
to develop

identity crisis

isolated
developers

technology crossroads



technology crossroads





humans



technology

Humans

follow the lead
of the community

webpack • postcss
jest react next.js redux
enzyme • vue

embrace

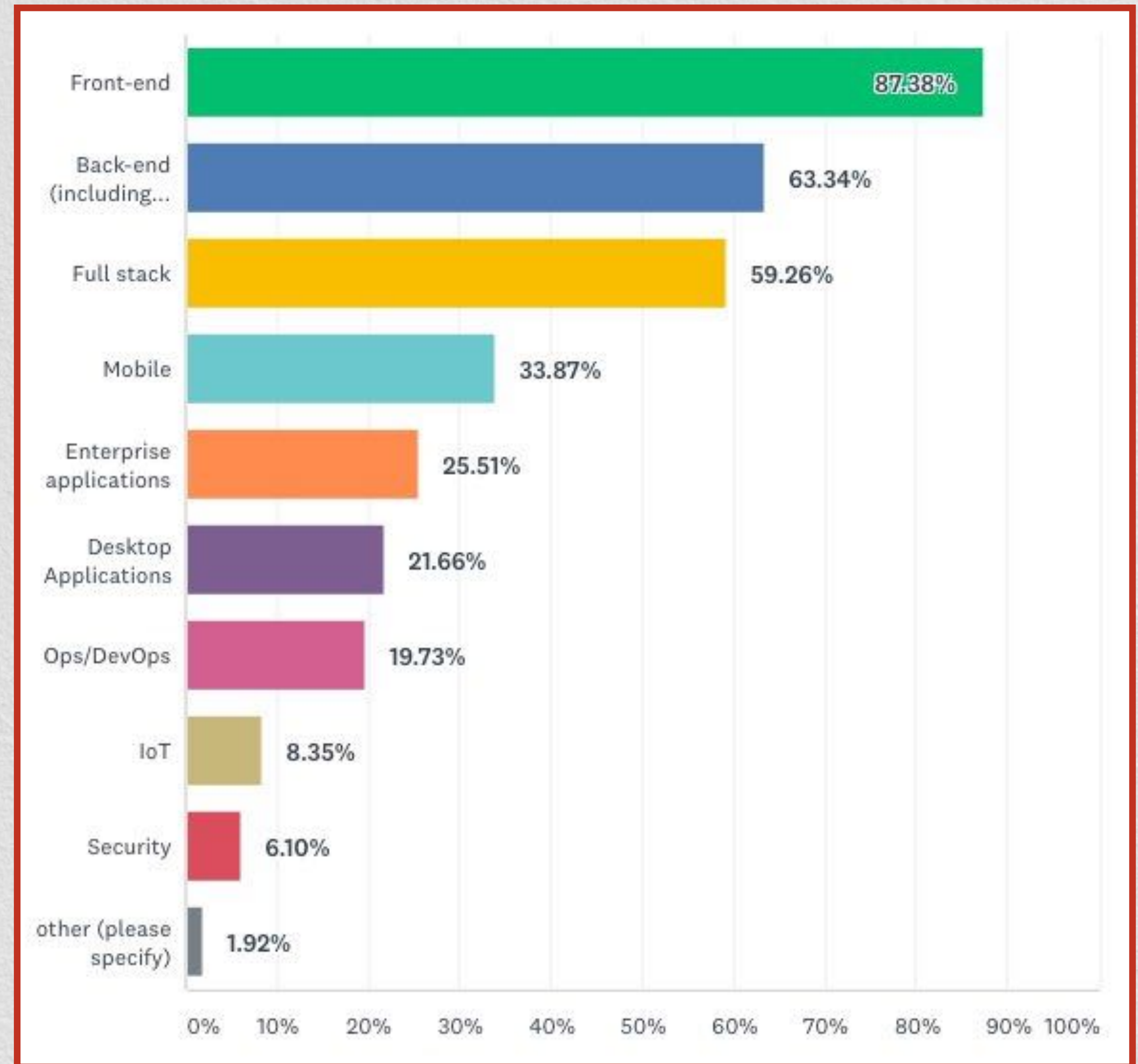
the frontend



node package manager

80.0%

of users use npm
for frontend
development





yarn



webpack

we get it
you're feeling pain

we hired more
frontend
developers

website developers are
reporting bugs in npm
client and registry

lines blurring
between registry and
website developers

generalists
are important to us



is 32 people

knowledge sharing

- shared ownership
- reuse code across projects

Technology

so, what about
express?

nope.



nope.



there was a
better option:
spife



“doesn't that
make it hard
to hire spife
developers?”

- *anonymous
npm employee*



“doesn't that
make it hard
to hire spife
developers?”

- *anonymous
npm employee*





“it’s good for
finding people
within npm”

*- anonymous
npm employee*

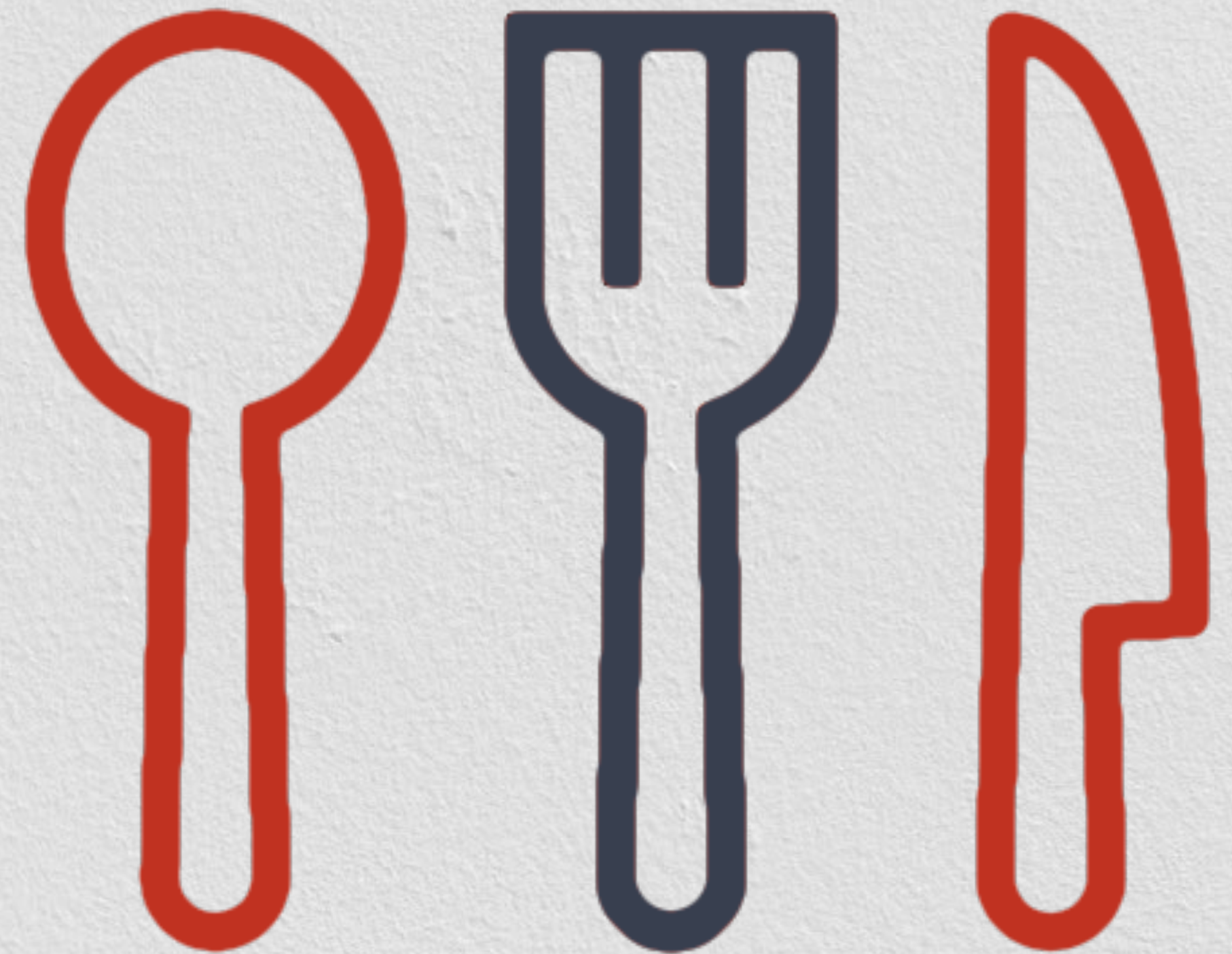


“it’s good for
finding people
within npm”

*- anonymous
npm employee*

1. spife

a
batteries-included
http framework



1. spife

a

batteries-included
http framework

routing • db • orm

middleware

monitoring

logging

metrics • auth

1. spife

opinionated
djavascript

- familiar
- asynchronous
- structured
- comfortable

1. spife

middleware
and
decorators

1. spife

middleware
and
decorators



1. spife

middleware
and
decorators



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1. spife

middleware
and
decorators



spife is
open
source

2. design system

react components
with css modules

Form Field

Description
A text form field

Input Label

form label beneath inputs

Checkboxes

Description
Checkbox controls for making multiple selections

- Checkbox with label
- Checkbox with label

2. design system

components
encapsulate
standards

Form Field

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A text form field

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2. design system

components
encapsulate
standards

Avatar

Description

A picture identifying an npm user.



src:

href:

3. spiferack

a react
framework

- built-in server-side-rendering
- built-in code splitting
- progressive enhancement

3. spiferack

server-side
rendering

- searchable content
- fast initial page renders

3. spiferack

code
splitting

- automatically split per-route
- spreads bundle loading evenly

3. spiferack

progressive
enhancement

```
<Form action="/login" method="POST">  
  <InputText  
    name="username"  
    label="Username" />  
  <InputPassword  
    name="password"  
    label="Username" />  
</Form>
```


3. spiferack

progressive
enhancement



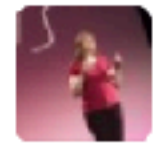
- enhances to XHR requests when JS is enabled
- returns JSON response when XHR request is received

3. spiferack

make doing the right thing easy


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ACCOUNT

katiefenn

ORGANIZATIONS 

npmcorp

ravir

kf-test-org-2018...


katiefenn

packages **profile** tokens billing

Settings Public URL: npmjs.com/~katiefenn

Avatar



Gravatar



[Change on gravatar.com](#)

preview.npmjs.com

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npm Search Packages  

lodash

public

Readme

0 Dependencies

61,976 Dependents

101 Versions

The **Lodash** library exported as **Node.js** modules.

Installation

Using npm:

```
$ npm i -g npm  
$ npm i --save lodash
```

install

```
>_ npm i lodash
```

↓ last 7 days

13,549,734

version

4.17.5

license

MIT

it's much better
and we hope
you'll love it



1. registry
2. cli
3. website

Where are we going?

make doing the right thing easy

tooling that
embraces
short-range
sharing

a focus on making
tech work for **people**
rather than **computers**

aesthetics

aesthetics
accessibility

new and shiny

new and shiny
tried and trusted

performance

performance
resilience

computers
do things
better

computers
do things
~~better~~
faster

Jenn Schiffer

Thank you

@katie_fenn

@npmjs

preview.npmjs.com



Thank you

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