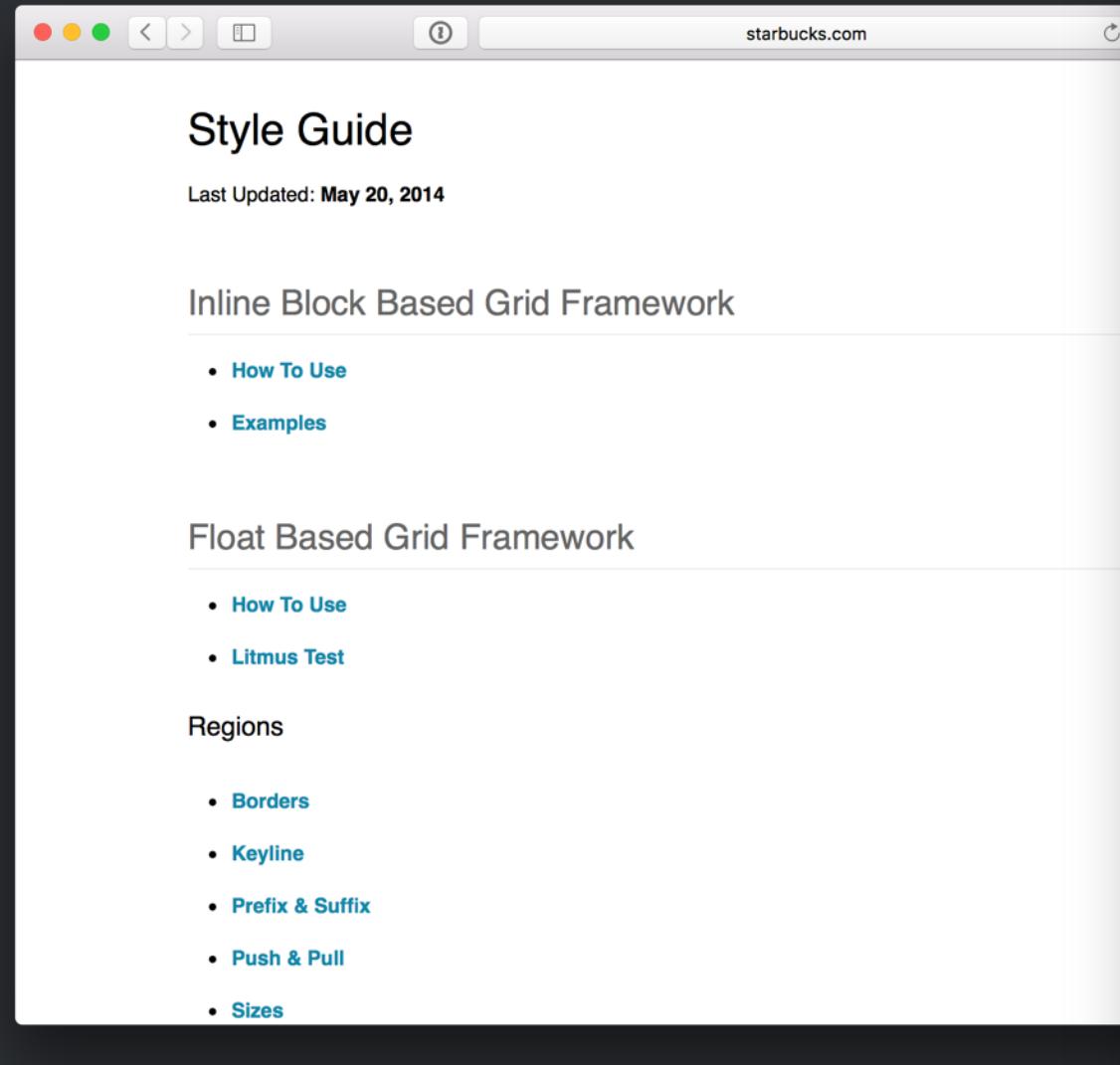


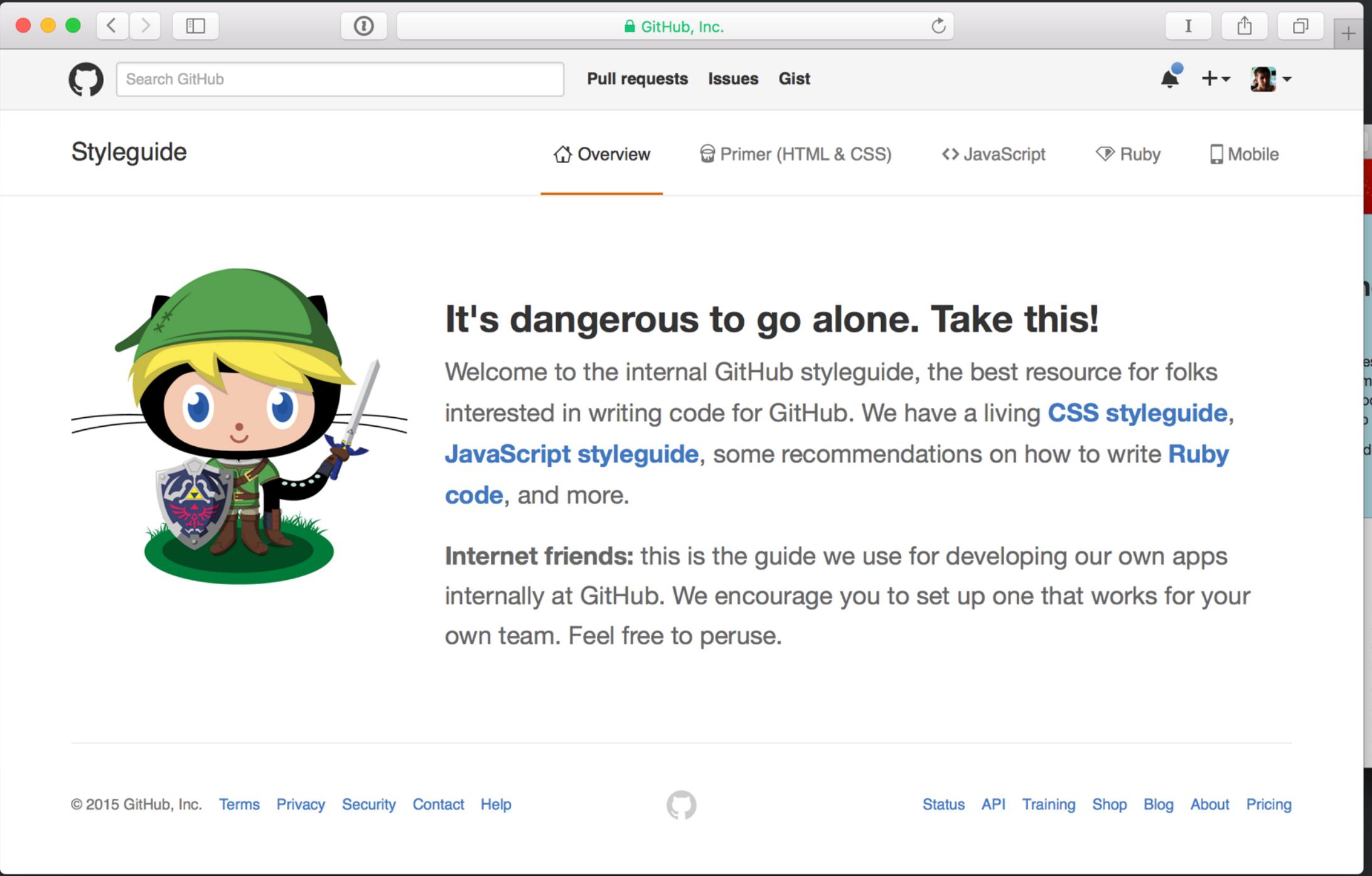
# TAKING YOUR PATTERN LIBRARY TO THE NEXT LEVEL

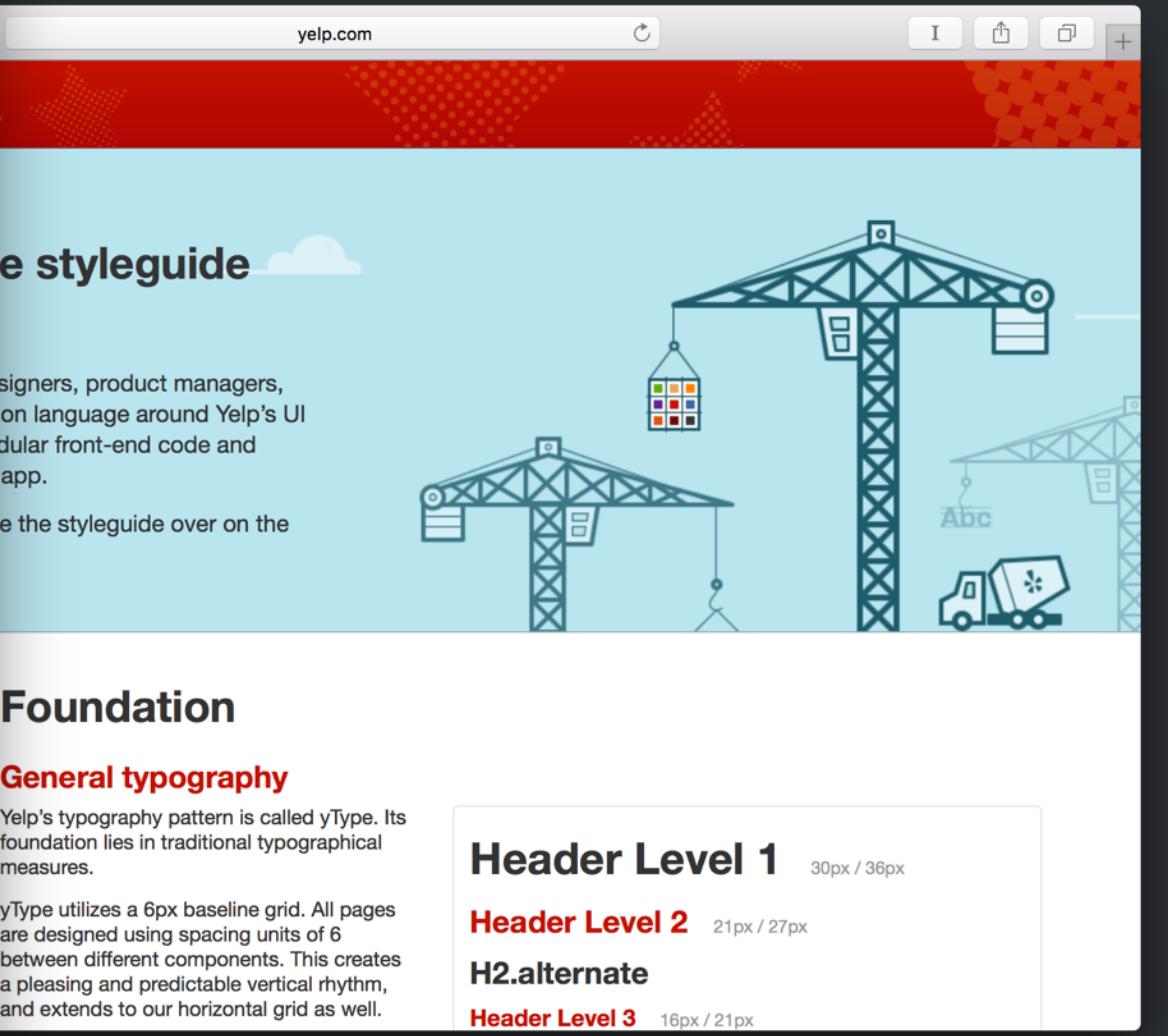
David Furnes  
@dfurnes

your pattern library

I DO  
SOMETHING  
.ORG

A screenshot of a web browser window showing the Starbucks Style Guide. The title bar says "starbucks.com". The page content includes a section titled "Style Guide" last updated on May 20, 2014. It features sections for "Inline Block Based Grid Framework" (with links to "How To Use" and "Examples") and "Float Based Grid Framework" (with links to "How To Use" and "Litmus Test"). There's also a "Regions" section with links to "Borders", "Keyline", "Prefix & Suffix", "Push & Pull", and "Sizes". A cartoon character of a knight in green armor is prominently displayed.

A screenshot of a web browser window showing the GitHub Styleguide. The title bar says "GitHub, Inc.". The page content starts with a cartoon character of a knight holding a sword and shield. Below it is a heading "It's dangerous to go alone. Take this!". The text welcomes visitors to the internal GitHub styleguide, mentioning a living CSS styleguide, JavaScript styleguide, Ruby code recommendations, and more. It encourages users to set up their own styleguides. At the bottom, there are links for Status, API, Training, Shop, Blog, About, and Pricing.

A screenshot of a web browser window showing the Yelp Styleguide. The title bar says "yelp.com". The page content features a large illustration of construction cranes and scaffolding against a blue background. It includes sections for "The styleguide" (designed for designers, product managers, and non-technical stakeholders), "Foundation" (General typography, yType), and "Header Levels" (Header Level 1, Header Level 2, H2.alternate, Header Level 3).

**attn:** Nebulas

An official website of the United States government

# U.S. Web Design Standards

A Pattern A List Apart's

Open source UI components guide to create consistency experiences across U.S. federal websites

Style Guide

**Atlassian Design Product**

CODE for AMERICA

## WEBSITE STYLE GUIDE

### BOOKMARK ICONS

Flag Red

120x120 76x76 60x60 32x32

Lightning Design System

salesforce design system

Getting Started

Design

Components

playbook.cio.gov

CODEPEN

Pens Posts Collections Jobs Blog

## CodePen's Design Pattern

This is actually a pattern right here. It's the .mega-headline pattern.

fontshop.com

# Styleguide

Globals | Objects | Modules

## 2. Objects

CSS objects that are being reused throughout the whole site. They are decoupled from content naming and are usually visually small. Prefixed with o-.

rizzo.lonelyplanet.com

lonely planet

STYLE GUIDE DOCUMENTATION PERFORMANCE MONITORING ABOUT RIZZO

Design Elements

UI Components JS Components Widgets CSS Utilities

### Colour Palette

Find closest color

DESIGN

- Design Palette
- UI Colours
- Destination Next Colors
- Typography

GRAY PALETTE

#2c3643 #3b444f #67747c #99a9b3

bbc.co.uk

BBC Sign in News Sport Weather Shop Earth Travel More Search

GEL Global Experience Language BETA

## Cards

Cards let you preview and share content quickly, without having to leave the page you're on.

Featured Contributor Emily Heath

Senior UX Architect for the BBC Content

codepen.io

## Components

Mozilla Foundation

ABOUT

# Welcome!

Our mission — to promote openness, innovation and opportunity on the Internet — extends through everything we do. This guide serves as a resource to bring together all our brands and to help define their visual and stylistic elements. It exists to provide you with the tools and assets you need to further our mission.

ux.mailchimp.com

## Grid System

Grid sizes Grid gutter Mixed grids Responsive columns Nested grid

mapbox.com

products Data Industries Pricing Help Developers Blog Log in

Our grid system is composed of 8 flexible columns with a gutter between columns. The gutter is defined by the `border-box` so that the border and padding is included in the width of the grid columns.

mapbox styleguide

mapbox styleguide

come to Base – an internal guide & code repository for designing and developing at Mapbox. If you're new here, have a look through some of the topics on the left.

Red Yellow Green Back Forward Home Lock Menu forge.dosomething.org Refresh I Up Open +

**DO SOMETHING.ORG**

**Product Wiki**  
Specs, mocks, etc.

**Brand Guide**  
Style, tone, & voice

**Pattern Library**  
Interface framework

6.6.2 ▾

# Pattern Library

Any pattern, anytime, anywhere.

This is [Forge](#), our interface framework and pattern library. It defines a set of base styles and common patterns shared throughout our website. It's a strong foundation for building beautiful interfaces.

Forge was built for our internal needs at DoSomething.org, but it could also work for your organization. Feel free to fork our [GitHub repository](#) and use it as a starting point for your own pattern library, or read more about why we [open-source our code](#).

Search...

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[Components](#)

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## Base Styles

Content is the basis for our design, so we need a strong typographic foundation. We define base HTML classes with comfortable font-size and spacing for readability, and a clear information hierarchy between elements.

forge.dosomething.org

## Fonts & Colors

We use [Proxima Nova](#) for all headings and body copy.

**Any cause, anytime, anywhere.**  
(\$font-proxima-nova, \$weight-normal)

**Any cause, anytime, anywhere.**  
(\$font-proxima-nova, \$weight-bold)

**Any cause, anytime, anywhere.**  
(\$font-proxima-nova, \$weight-bold)

We use [Covered By Your Grace](#) as the "voice" of DoSomething.org.

**Any cause, anytime, anywhere.**

Search...

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[Base Elements](#)

[Fonts & Colors](#)

[Grid System](#)

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[Components](#)

[Modules](#)

[Regions](#)

[Resources](#)

We have three primary brand colors.

**Blue (\$blue)**  
#23b7fb

**Purple (\$purple)**  
#4e2b63

**Yellow (\$yellow)**  
#fcd116

For consistency, we try to use these four grayscale values throughout our interfaces.

**Off Black (\$off-black)**  
#222

**Dark Gray (\$dark-gray)**  
#444

Search...

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[Grid System](#)

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**Off Black (\$off-black)**  
#222

**Dark Gray (\$dark-gray)**  
#444

The screenshot shows a web browser window with the URL `forge.dosomething.org`. The page displays a horizontal color palette consisting of 12 vertical bars of varying widths in shades of red, blue, purple, yellow, orange, and black. Overlaid on this palette are several text labels with corresponding color swatches:

- "We have three primary brand colors." (in dark gray)
- "Blue (\$blue)" and its hex code "#23b7fb" (in light blue)
- "Purple (\$purple)" and its hex code "#4e2b63" (in dark purple)
- "Yellow (\$yellow)" and its hex code "#fcd116" (in yellow)
- "For consistency, we try to use these four grayscale values throughout our interfaces."
- "Off Black (\$off-black)" and its hex code "#222" (in black)
- "Dark Gray (\$dark-gray)" and its hex code "#444" (in dark gray)

On the right side of the page, there is a sidebar with a search bar and a list of navigation links:

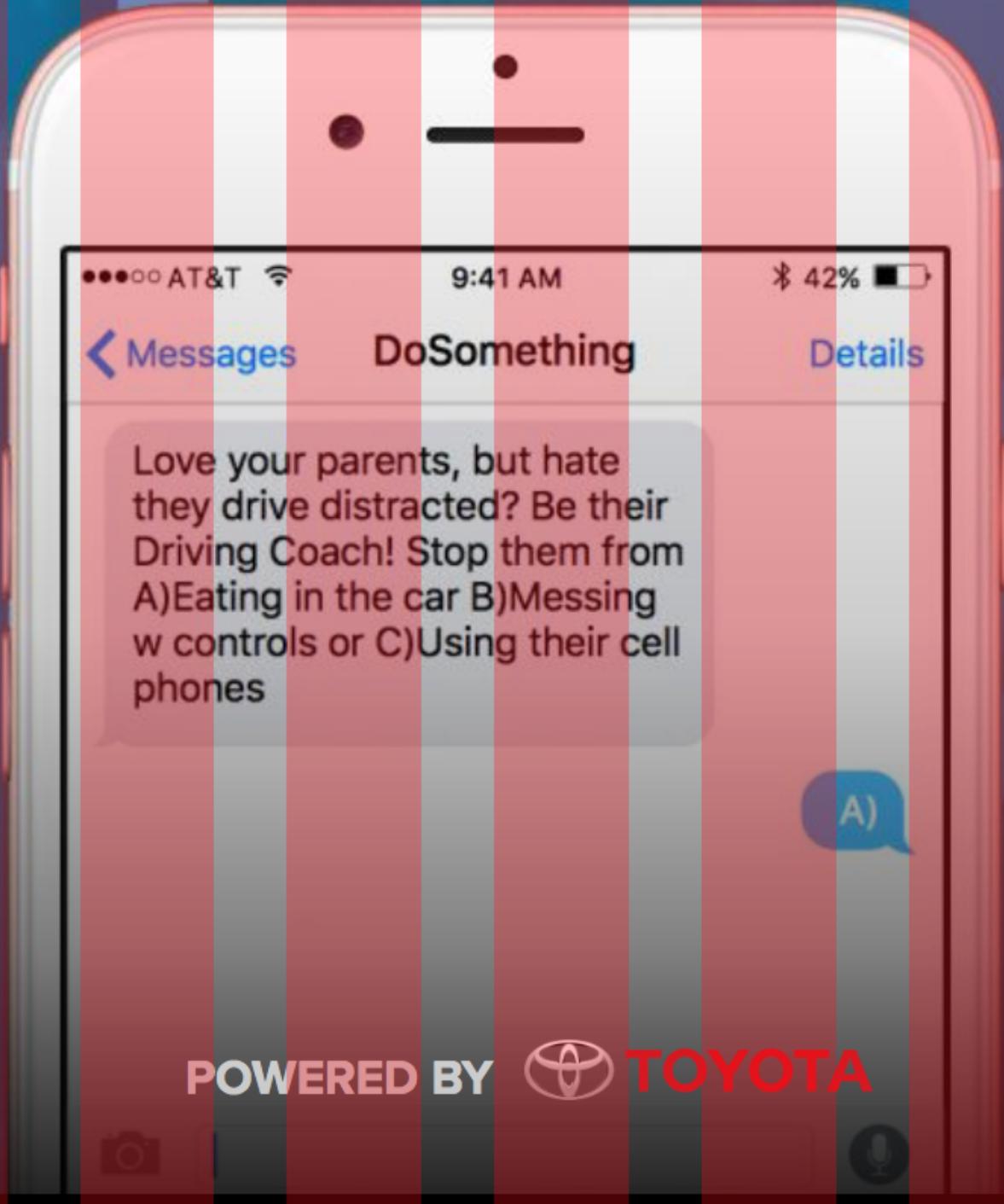
- Search...
- Introduction
- Base Styles
- Base Elements
- Fonts & Colors
- Grid System
- Animation
- Components
- Modules
- Regions
- Resources

 [Explore Campaigns](#)  
Any cause, anytime, anywhere.

[What is DoSomething.org?](#)  
Young people + Social change

[Log In](#)



  
AT&T 9:41 AM \* 42%  
Messages DoSomething Details  
Love your parents, but hate they drive distracted? Be their Driving Coach! Stop them from A)Eating in the car B)Messing w controls or C)Using their cell phones  
A)  
POWERED BY  TOYOTA

# The Driving Coach

Coach your parents into not driving distracted.  
Ends November 30

**STEP 1: KNOW IT**

Participate in Science Sleuth!

By sharing and playing the game, you'll unlock a donation to a real science classroom in need (and enter for a chance to win a \$10,000 scholarship)!

Invite three friends who you think would like to solve a mystery, and we'll send them a text to get started. FYI they'll have to play the game and invite three friends to enter the scholarship!

Your First Name

First Name

Your Cell Number

(555) 555-5555

Friend's Cell Number

(555) 555-5555

Friend's Cell Number

(555) 555-5555

Friend's Cell Number

(555) 555-5555

START

win a \$10,000 scholarship

Official Rules

over 1.4 million games played since 2012!

forge.dosomething.org

Forms - Button #

Buttons are generally used for interface actions. Suitable for all-purpose use. Defaults to primary call-to-action appearance.

**EXAMPLE BUTTON**

:hover Suble hover state (will not be displayed on touch interfaces)

**EXAMPLE BUTTON**

:focus Focus state for users navigating the page using tab keys.

**EXAMPLE BUTTON**

:active "Pushed" button state

**EXAMPLE BUTTON**

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**Components**

[Avatar](#)

[Chat Bubble](#)

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[Footnote](#)

[Heading](#)

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[Media Video](#)

[Message Callout](#)

[Messages](#)

[Social Icon](#)

[Spinner](#)

[Waypoints](#)

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[Resources](#)

forge.dosomething.org

Social Icons#

Social icons are used to link to social networks, or to link sharing actions.

.-facebook Facebook icon



.-twitter Twitter icon



.-tumblr Tumblr icon



.-instagram Instagram icon



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Call To Action #

The Call To Action module is used to show a short "call to action" message with an accompanying button or set of actions. CTAs typically span the full width of the page.

Miscreant! You should pay homage to our future kitten overlords:

**SUPPORT OUR KITTENS**

Rejoice, and share the good news of our benevolent feline rulers:

f      t

t

[Show Markup](#)

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**Modules**

[Call To Action](#)

[Figure](#)

[Gallery](#)

[Info Bar](#)

[Polaroid](#)

[Social Menu](#)

[Tabs](#)

[Tile](#)

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Footer #

Chrome footer with social links & footer menus.

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Header

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Who We Are

What is this?  
Who are they?  
Why are we?

Our Friends

Freshman  
ROTC Guys  
Preps  
Varsity Jocks  
Unfriendly  
Black Hotties  
The greatest  
people you  
will ever meet

Get Involved

Do things  
Do other  
things

Terms of Service   Privacy Policy

Show Markup

It's a \_\_\_\_\_: built using \_\_\_\_\_,  
distributed as an \_\_\_\_\_,  
documented using \_\_\_\_\_, and  
published on \_\_\_\_\_.

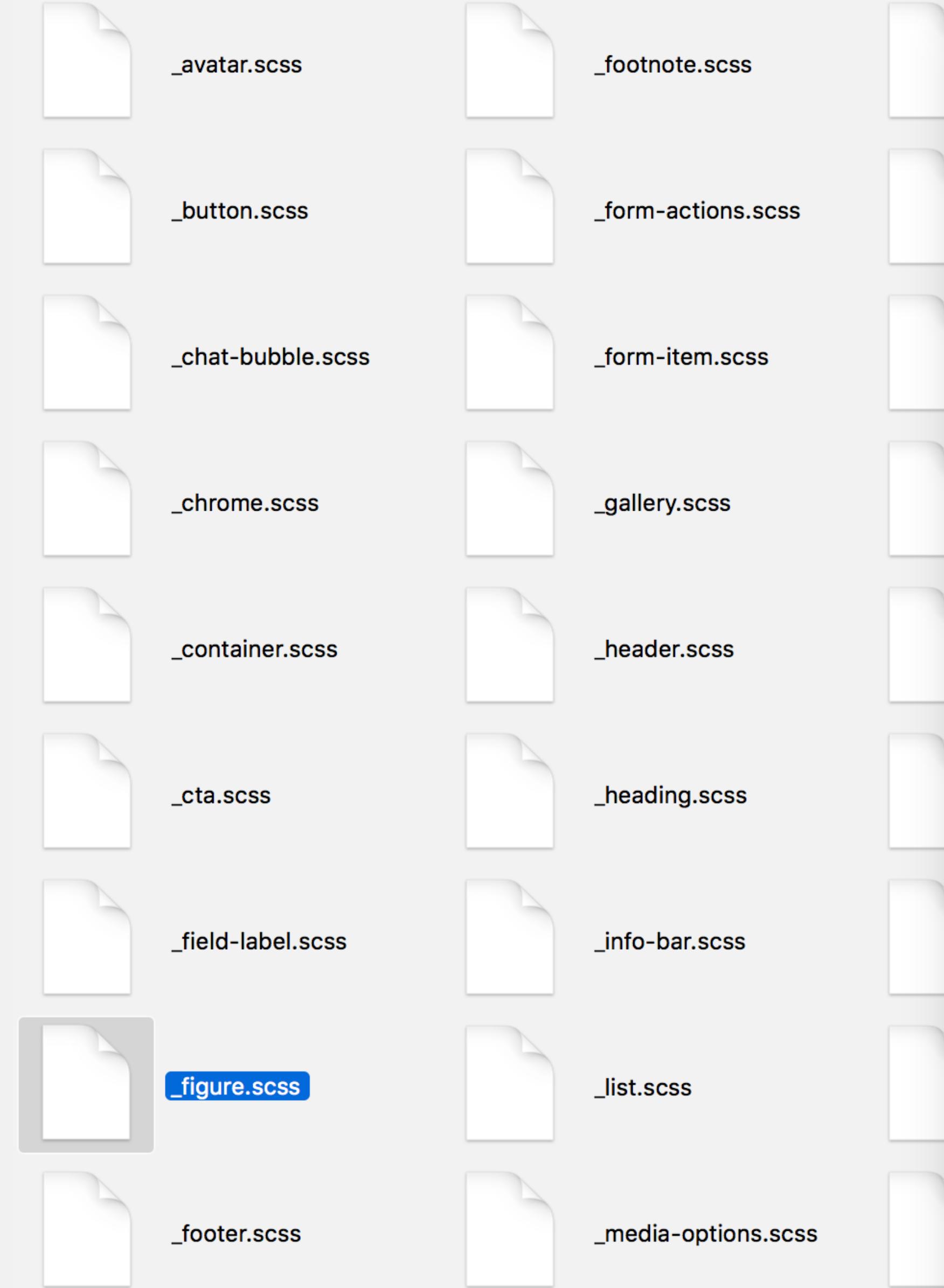
It's a library of interface components: built using \_\_\_\_\_,  
distributed as an \_\_\_\_\_, documented using \_\_\_\_\_, and published on \_\_\_\_\_.

It's a library of interface components: **built using Sass**, distributed as an \_\_\_\_\_, documented using \_\_\_\_\_, and published on \_\_\_\_\_.

It's a library of interface components: built using Sass, distributed as an **npm module**, documented using [\\_\\_\\_\\_\\_](#), and published on [\\_\\_\\_\\_\\_](#).

It's a library of interface components: built using Sass, distributed as an npm module, documented using **KSS**, and published on [\[REDACTED\]](#).

It's a library of interface components: built using Sass, distributed as an npm module, documented using KSS, and published on **GitHub Pages**.



File: \_figure.scss (~/Sites/forge/scss/\_components) - VIM1

```
1 // Figure
2 // A figure block usually contains an image with a title and a description.
3 //
4 // .-left      - Show figure's media to the left of the description.
5 // .-left.-center - Show a figure's media to the left of the description, with the text vertically centered.
6 // .-right     - Show figure's media to the right of the description.
7 // .-medium    - Set figure's media to a fixed "medium" size.
8 //
9 // Markup:
10 //   <article class="figure {{modifier_class}}">
11 //     <div class="figure__media">
12 //       
13 //     </div>
14 //     <div class="figure__body">
15 //       <b>Teen Vogue</b> featured Comeback Clothes as one of the ways
16 //       fashion brands like H&M are taking eco-chic to the next level.
17 //     </div>
18 //   </article>
19 //
20 // Styleguide Figure
21 .figure {
22   @include clearfix;
23   width: 100%;
24   text-align: center;
25
26   // Add extra bottom margin on tiny screens
27   @include media($mobile) {
28     margin-bottom: ($base-spacing * 2);
29   }
30
31 &.-left {
32   text-align: left;
33
34   > .figure__media {
35     float: left;
36     padding-right: gutter();
37     margin: 0;
38   }
39
34   > .figure__body {
35     overflow: hidden;
36     padding-left: gutter();
37   }
38
39
40   // @NOTE: This modifier only pairs with `.-left`!
41   &.-center {
42     display: table;
43
44     &.-center {
45       display: inline-table;
46     }
47   }
48 }
```

NORMAL \_figure.scss

unix | utf-8 | scss 0% 1:1

```
1 //  
2 // A figure block usually contains an image with a title and a description  
3 //  
4 // .-left - Show figure's media to the left of the description.  
5 // .-left.-center - Show a figure's media to the left of the description, w  
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25  
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```

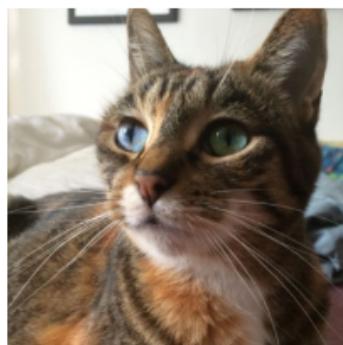


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23   width: 100%;
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48   display: table;
```

.figure.-left

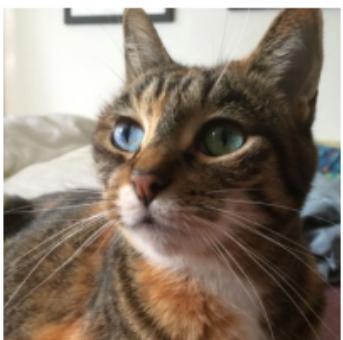
## Figure #

A figure block usually contains an image with a title and a description.



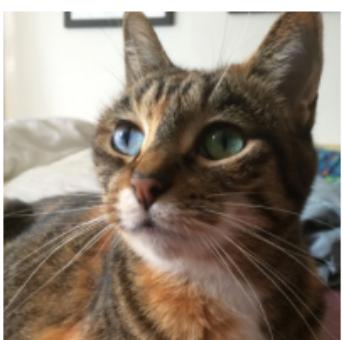
**Teen Vogue** featured Comeback Clothes as one of the ways fashion brands like H&M are taking eco-chic to the next level.

**.-left** Show figure's media to the left of the description.



**Teen Vogue** featured Comeback Clothes as one of the ways fashion brands like H&M are taking eco-chic to the next level.

**.-left.-center** Show a figure's media to the left of the description, text vertically centered.



**Teen Vogue** featured Comeback Clothes as one of the ways fashion brands like H&M are taking eco-chic to the next level.

**.-right** Show figure's media to the right of the description.

**Teen Vogue** featured Comeback Clothes as one of the

```
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56       margin: 0;
57     }
58
59     > .figure__body {
60       overflow: hidden;
61       padding-right: gutter();
62     }
63   }
64
65   &.-medium {
66     width: medium;
67   }
68
69   &.-center {
70     margin: 0 auto;
71   }
72
73   &.-right {
74     text-align: right;
75   }
76
77   &.-left.-center {
78     > .figure__media {
79       float: left;
80       margin: 0;
81     }
82
83     > .figure__body {
84       margin: 0;
85     }
86   }
87
88   &.-left.-right {
89     > .figure__media {
90       float: left;
91       margin: 0;
92     }
93
94     > .figure__body {
95       margin: 0;
96     }
97   }
98 }
```

nearly pooped myself

npm Inc.

npm private modules npm On-Site documentation blog npm weekly jobs support

**npm** find packages  sign up or log in 

# @dosomething/forge public

Interface framework and pattern library for DoSomething.org.

**Forge**  

This is **Forge**, our interface framework and pattern library. It defines a set of base styles and common patterns shared throughout our website. It's a strong foundation for building beautiful interfaces.

Forge was built for our internal needs at DoSomething.org, but it could also work for your organization. Feel free to fork this repository and use it as a starting point for your own pattern library, or read more about [why we open-source our code](#).

## Usage

You can get your own copy of Forge using [NPM](#):

```
npm install @dosomething/forge
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Include the bundled `dist/forge.css` and `dist/forge.js` in your page. Be sure to include jQuery 1.11+ and the bundled Modernizr build `dist/modernizr.js`. That's it! Check out the online [pattern library](#) and start building.

Forge supports Chrome 46+, Firefox 42+, Safari 8+, Android 4+, iOS 8+, and Internet Explorer 8+ (with polyfills). For IE 8 support, you'll need to include [HTML5Shiv](#) and [Respond.js](#).

  [npm i @dosomething/forge](#)

 [dfurnes](#) published a week ago

**6.6.2** is the latest of 6 releases

[github.com/DoSomething/forge](#)

MIT license

## Collaborators

## Stats

4 open issues on GitHub

No open pull requests on GitHub

## Keywords

None

## Dependencies (3)

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npm private modules npm On-Site documentation blog npm weekly jobs support

**npm** find packages

sign up or log in

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★

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npm Inc.

npm private modules npm On-Site documentation blog npm weekly jobs support

**npm** find packages

sign up or log in

# @dosomething/forge public

Interface framework and pattern library for DoSomething.org.

★

**Forge** build passed npm v6.6.2

This is **Forge**, our interface framework and pattern library. It defines a set of base styles and common patterns shared throughout our website. It's a strong foundation for building beautiful interfaces.

Forge was built for our internal needs at DoSomething.org, but could also work for your organization. Feel free to fork this repository and use it as a starting point for your own pattern library, or read more about [why we open-source our code](#).

**6.6.2**

## Usage

You can get your own copy of Forge using [NPM](#):

```
npm install @dosomething/forge
```

Include the bundled `dist/forge.css` and `dist/forge.js` in your page. Be sure to include jQuery 1.11+ and the bundled Modernizr build `dist/modernizr.js`. That's it! Check out the online [pattern library](#) and start building.

Forge supports Chrome 46+, Firefox 42+, Safari 8+, Android 4+, iOS 8+, and Internet Explorer 8+ (with polyfills). For IE 8 support, you'll need to include [HTML5Shiv](#) and [Respond.js](#).

[npm i @dosomething/forge](#)

 dfurnes published a week ago

**6.6.2** is the latest of 6 releases

[github.com/DoSomething/forge](#)

MIT license

## Collaborators

## Stats

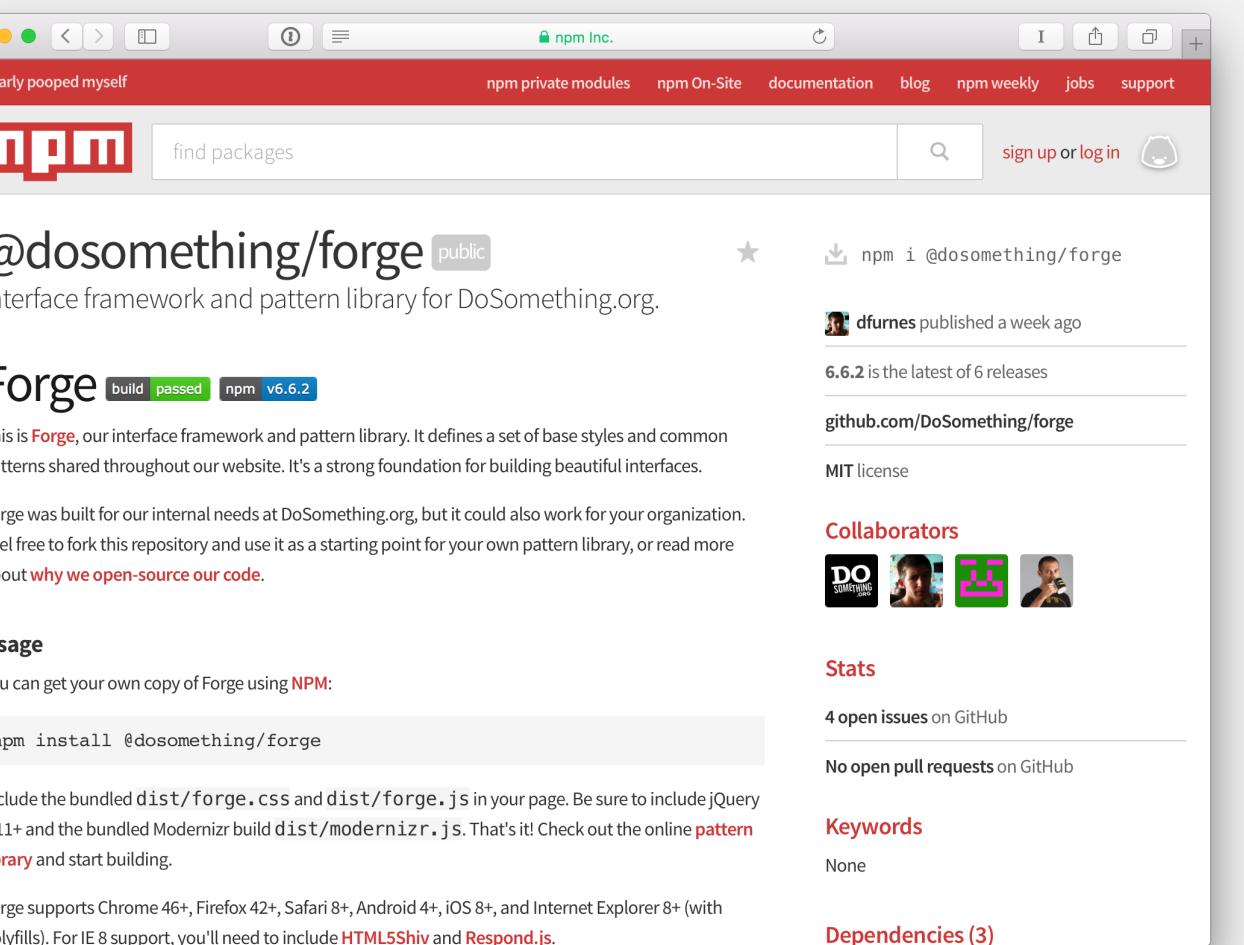
4 open issues on GitHub

No open pull requests on GitHub

## Keywords

None

## Dependencies (3)



The homepage features a purple header with the DoSomething logo and navigation links for "Explore Campaigns", "What is DoSomething.org?", and "Log In". A large call-to-action button says "Join 4,344,762 members.". Below it are three "STAFF PICK" cards: "Pregnancy Text" (Send friends a sassy text baby to take care of for a day), "Smiles for Soldiers" (Make thank-you cards for our troops), and another unnamed card showing a person pouring liquid from a flask.

The blog page has a blue background with various icons like a trumpet, a pencil, a smartphone, and a recycling symbol. The title "BIG, LOUD, & EASY" is prominently displayed. Below it is the subtitle "DoSomething.org Staff Blog". Navigation links for "OUR BLOG", "MEMBER WINS", and "PRESS" are visible. A blog post titled "Why Blackface Isn't OK on Halloween (Or Ever)" is shown, posted on October 27, 2015, by Lizzy Divine. The post discusses the inappropriateness of blackface for Halloween costumes.

The page title is "Subscription settings for dfurnes@dosomething.org". It lists two checked options: "The Weekly Do: Our weekly newsletter about campaigns you can take action on" and "Your Campaign Digest: Your weekly update on campaigns you signed up for". A blue "UPDATE" button is at the bottom.

~6.6.0

~6.6.0

~6.5.1

nearly pooped myself

npm Inc.

npm private modules npm On-Site documentation blog npm weekly jobs support

**npm** find packages  sign up or log in 

# @dosomething/forge public

Interface framework and pattern library for DoSomething.org.

**Forge**  

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## Collaborators

## Stats

4 open issues on GitHub

No open pull requests on GitHub

## Keywords

None

## Dependencies (3)



DoSomething / forge



# PROCESS

**PROCESS  
YOUR OWN TOOLKIT**

PROCESS

YOUR OWN TOOLKIT

THE FUTURE

PROGRESS



Make **development** easier.

[SIGN ON](#)[GO](#)[Maximize Cash Flow](#)[Raise Capital](#)[Mitigate Risk](#)[Go International](#)[Learn More >](#)[Sign on to PINACLE® >](#)[What is PNC Purchase Payback](#)[How PNC Purchase Payback Works](#)[Get Connected >](#)[GETRATES](#)[Enroll Mobile Device](#)[Get Started >](#)[Sign On](#)[Next Step](#)[Add Reminder](#)[Search Transactions](#)[Export All](#)[Print Spend](#)[Print Reserve](#)[Learn More >](#)[Savings History](#)[Customize Your Pig](#) [Add](#)[Sign On >](#)[Check Rates >](#)[Continue](#)[Search >](#)[Go](#)[CLEAR](#)[SUBMIT](#)[Apply Now >](#)[+ Add transaction](#) [Show Bars](#)[GO >](#) [Rate Virtual Wallet](#) [Share Your Story](#)[Sign On >](#)[Set Payday](#)[Try Again](#)[Sign Up for V.me](#)[Learn More >](#)[Learn More >>](#)

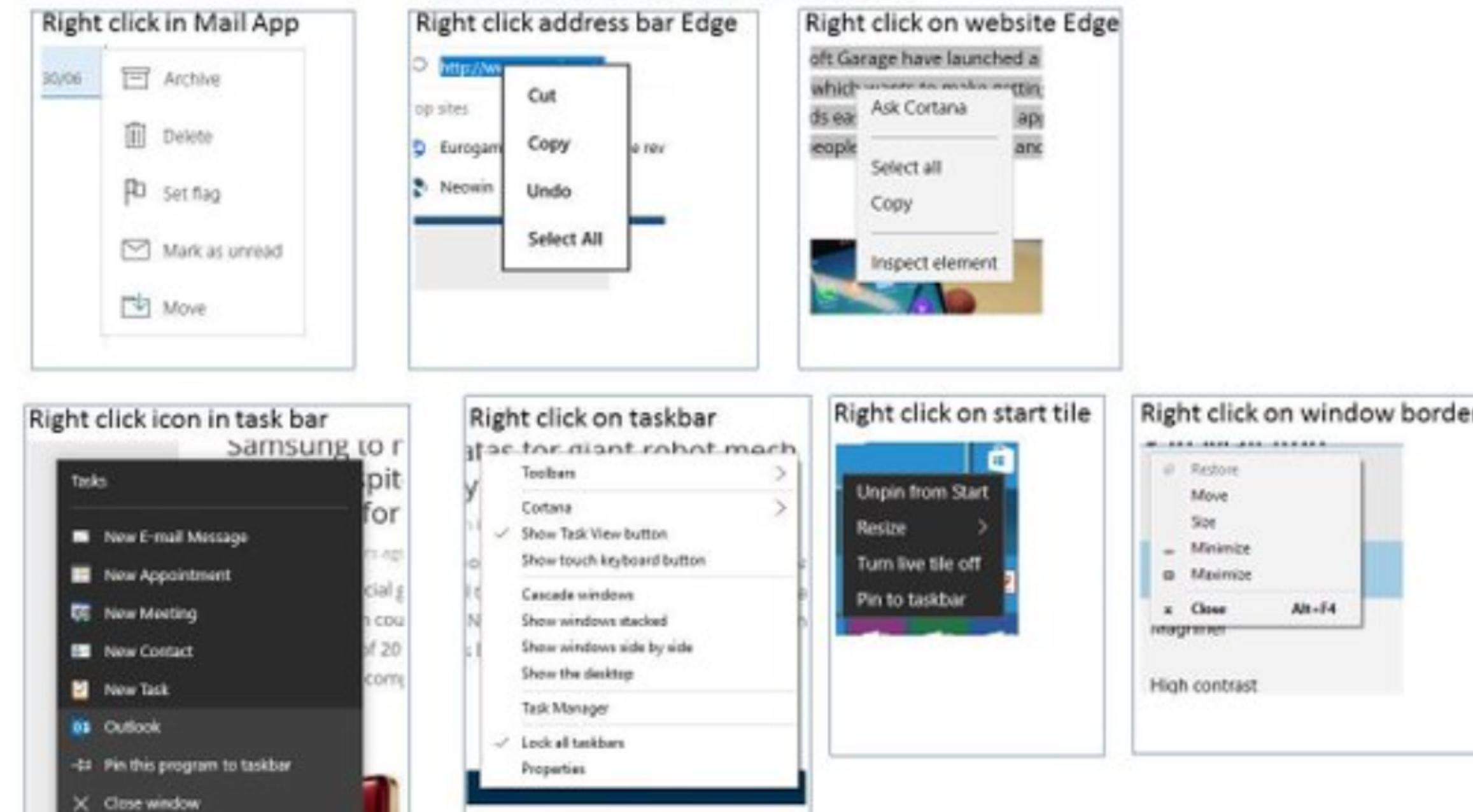
PNC Bank buttons, courtesy of Brad Frost  
<http://bradfrost.com/blog/post/interface-inventory/>



Zac Bowden  
@ZacB\_

Pick a menu, ANY MENU... AND STICK WITH IT PLEASE.

**Windows 10 build 10162**



RETWEETS  
**1,022**

LIKES  
**720**



3:12 PM - 11 Jul 2015



Make **design** easier.

POOFS  
Mocks suck.

**Style Guide**

Mobile Portrait   Desktop

Insert Group Ungroup Create Symbol 25% Edit Transform Rotate Flatten Mask Scale Union Subtract Intersect Difference Forward Backward Mirror View Export

Page 1 ▾

Footer Mobile  
Footer  
Buttons  
Labels  
Stash  
Typography  
Color Inventory  
Mobile SMS  
SMS Game  
Mobile Portrait  
Footer Mobile 2  
CTA  
Campaign Block  
Heading 1 Banner  
Hero Image 2  
1 Col  
Side Block

Desktop  
Footer 2  
CTA

Filter

**Heading 1** 54PX  
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed ac nunc rutrum, dapibus nisl eu, rhoncus nunc. Morbi eget ante dolor. Ut consequat lacus quis tristique dictum.

**Heading 2** 36PX  
Heading 3 24PX  
Heading 4 18PX

**HEADING 1**  
**HEADING 2**  
**HEADING 3**  
**HEADING 4**

**EXAMPLE BUTTON** EXAMPLE BUTTON  
EXAMPLE BUTTON Example Button

**Color Inventory**

#0337F9	#4C29E3	#FFCD11	#E9E9E9	#F0A20A
#D8D8D8	#C7C7C7	#F7F7F7	#A4A4A4	#000000

Who We Are Our Friends Get Involved  
f t i v  
Terms of Service Privacy Policy

**DO SOMETHING** Explore Campaigns Any cause, anytime, anywhere. What Is DoSomething.org? Young people + Social change

**Hero Image** Hero Image subtle  
**Heading 2**  
Notes From Shawn Complete seven causey challenges in seven days.  
Heading 3 Info Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed ac nunc rutrum, dapibus nisl eu, rhoncus nunc. Morbi eget ante dolor. Ut consequat lacus quis tristique dictum.  
Senior Socials You had 128 people attend!  
Sign up for Pineapple Push-Ups to speak out against sexist comments.  
SIGN UP  
Who We Are Our Friends Get Involved  
f t i v  
Terms of Service Privacy Policy

**Hero Image** Hero Image subtle  
Notes From Shawn Complete seven causey challenges in seven days.  
Birthday Mail Complete seven causey challenges in seven days.  
Support for Su Complete seven challenges in seven days.  
Wild Life Cards You submitted 8 cards!  
DoSomething T-Shirts Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed ac nunc rutrum, dapibus nisl eu, rhoncus nunc. Morbi eget ante dolor. Ut consequat lacus quis tristique dictum.  
The Problem Racism and discrimination negatively impact the emotional and physical well being of those who experience it. Racism sucks.  
Column 1 Column 2  
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed ac nunc rutrum, dapibus nisl eu, rhoncus nunc. Morbi eget ante dolor. Ut consequat lacus quis tristique dictum.  
Sign up for Pineapple Push-Ups to speak out against sexist comments.  
SIGN UP  
Who We Are Our Friends  
f t i v  
Terms of Service Privacy Policy

Position X Y  
Size Width Height  
Transform Rotate Flip  
Opacity  
Blending Normal  
Fills  
Borders  
Shadows  
Inner Shadows  
Gaussian Blur

Make talking about  
design easier.

It's like an API for  
your style sheets.

Make on boarding easier.

Your pattern library is  
a tool for building  
a healthy process.



YOUR OWN

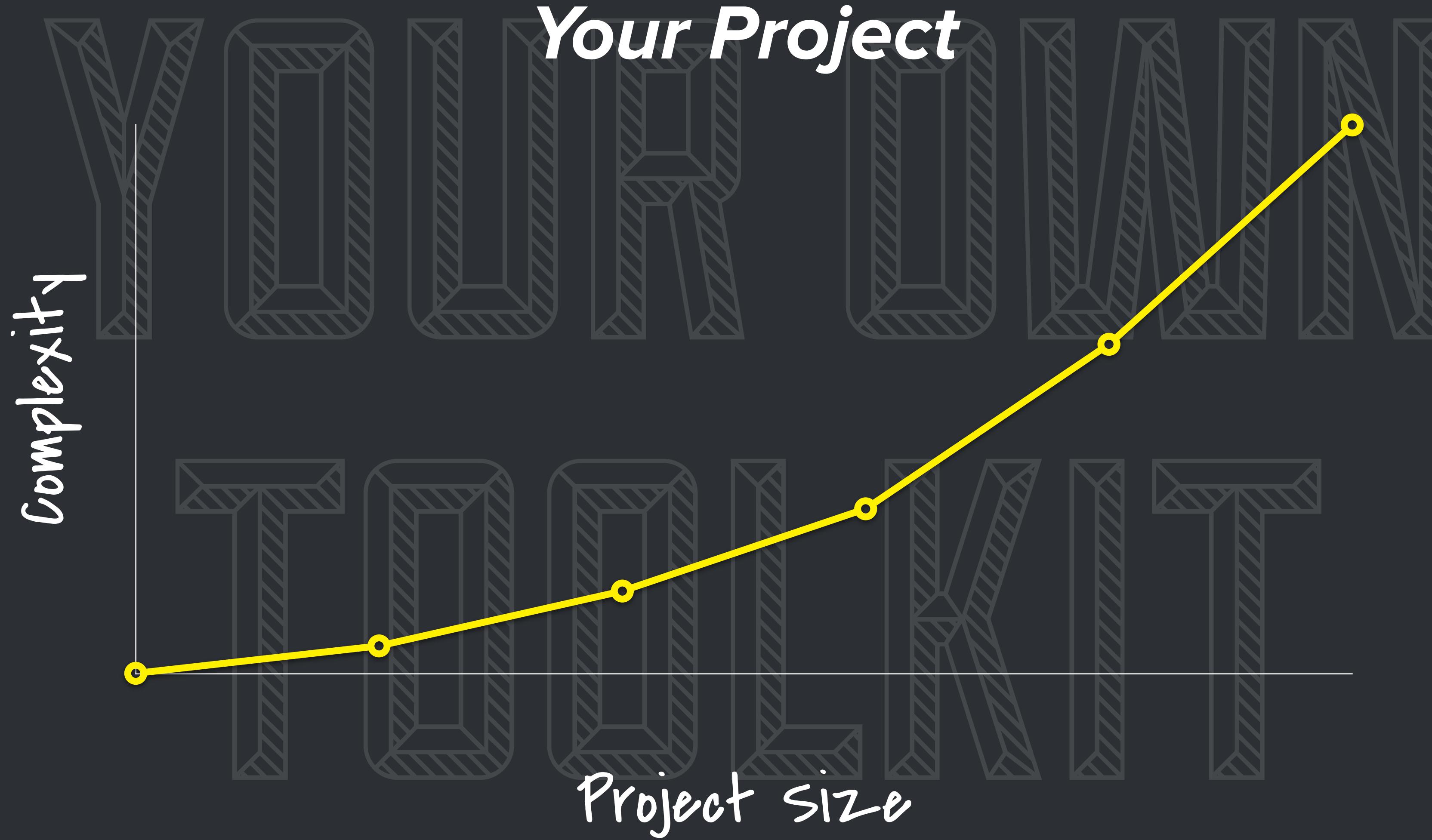
TOOLKIT



YOUR  
MAN

Build your own

Bootstrap.T  
TOOLKIT



YOUR  
Handle complexity

over time. IT  
TOOLKIT

DRY YOUR KISS

SOLID YAGNI

DRY

Stop re-inventing  
the wheel.

SOLID

XSS

YAGNI



DRY

KISS

Don't repeat yourself.

SOLID

YAGNI

DRY

KISS

You Ain't Gonna Need It

SOLID

YAGNI

DRY

SOLID

KISS  
**SOLID**

YAGNI

DRY

Single Responsibility

Principle

SOLID

VASS

YAGNI

## SINGLE RESPONSIBILITY PRINCIPLE

*"The single responsibility principle states that every class should have a single responsibility, and that responsibility should be entirely encapsulated by the class."*

## SINGLE RESPONSIBILITY PRINCIPLE

YOUR  
MAN

1

Identify responsibility.

# SINGLE RESPONSIBILITY PRINCIPLE

## 1 Identify responsibility.

David Furnes  
1 min · 🔒

How & why we built our pattern library at @dosomething: <http://bit.ly/1YJXE6G>  
...also, use DOSOMETHING for 10% off a 2-day pass to @FOWD!

Fighting Design Bloat with Pattern Libraries - Blog - Events, News, and Videos for Web Designers...

Editors note: This is a guest blog written by David Furnes, software engineer at DoSomething.org ...

FUTUREINSIGHTS.COM

Like Comment Share

Write a comment...

## SINGLE RESPONSIBILITY PRINCIPLE

YOUR DOMAIN

2

Separate responsibilities.

dosomething.org

Explore Campaigns Any cause, anytime, anywhere.

What is DoSomething.org? Young people + Social change

Dave

# Hey, Dave!

Rock your campaigns and send pics to prove it.

## YOU'RE DOING



### GTFO

Get The Filter Out! Clean up cigarette butt litter.

[PROVE IT](#)

### #TheSexiestWords

Share the hottest ways to ask for consent without killing the mood.

[PROVE IT](#)

### Visionary Volunteer

Create a vision board with a student to set goals for next year.

[PROVE IT](#)



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**PROVE IT**

<Button>

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<Button>

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<Button>

dosomething.org

Explore Campaigns Any cause, anytime, anywhere.

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# Hey, Dave!

Rock your campaigns and send pics to prove it.

## YOU'RE DOING

<Figure>

GTFO

Get The Filter Out! Clean up cigarette butt litter.

</Figure>

PROVE IT

<Figure>

#TheSex

Share the hottest consent without the hottest sex.

</Figure>

PROVE IT

Figure #

A figure block usually contains an image with a title and a description.

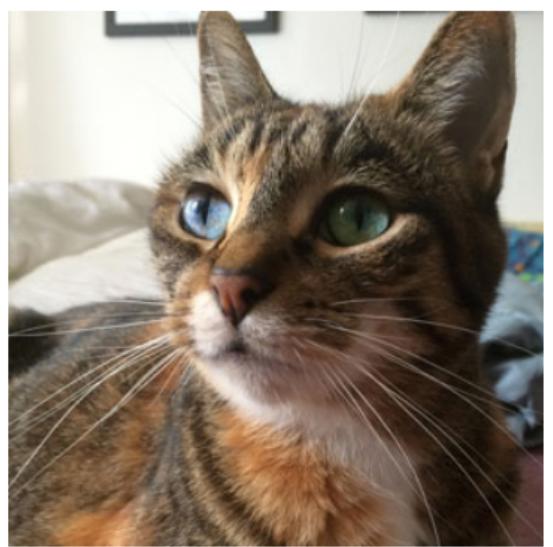
Teen Vogue featured Comeback Clothes as one of the ways fashion brands like H&M are taking eco-chic to the next level.

Show Markup

## Gallery - Triad #

A "triad" gallery shows three items per row. Galleries can contain items of any type but work particularly well with **Figures** and **Tiles**. May optionally include a heading within `.gallery_heading`.

# Gallery Heading



Teen Vogue featured Comeback Clothes as one of the ways fashion brands like H&M are "taking eco-chic to the next level."

Seventeen ran an Earth Day story about recycling old fabrics through DoSomething.org and H&M's Comeback Clothes.

Nylon urged readers to clean out their closets and do good for the planet by recycling old clothes at H&M.

<> Show Markup

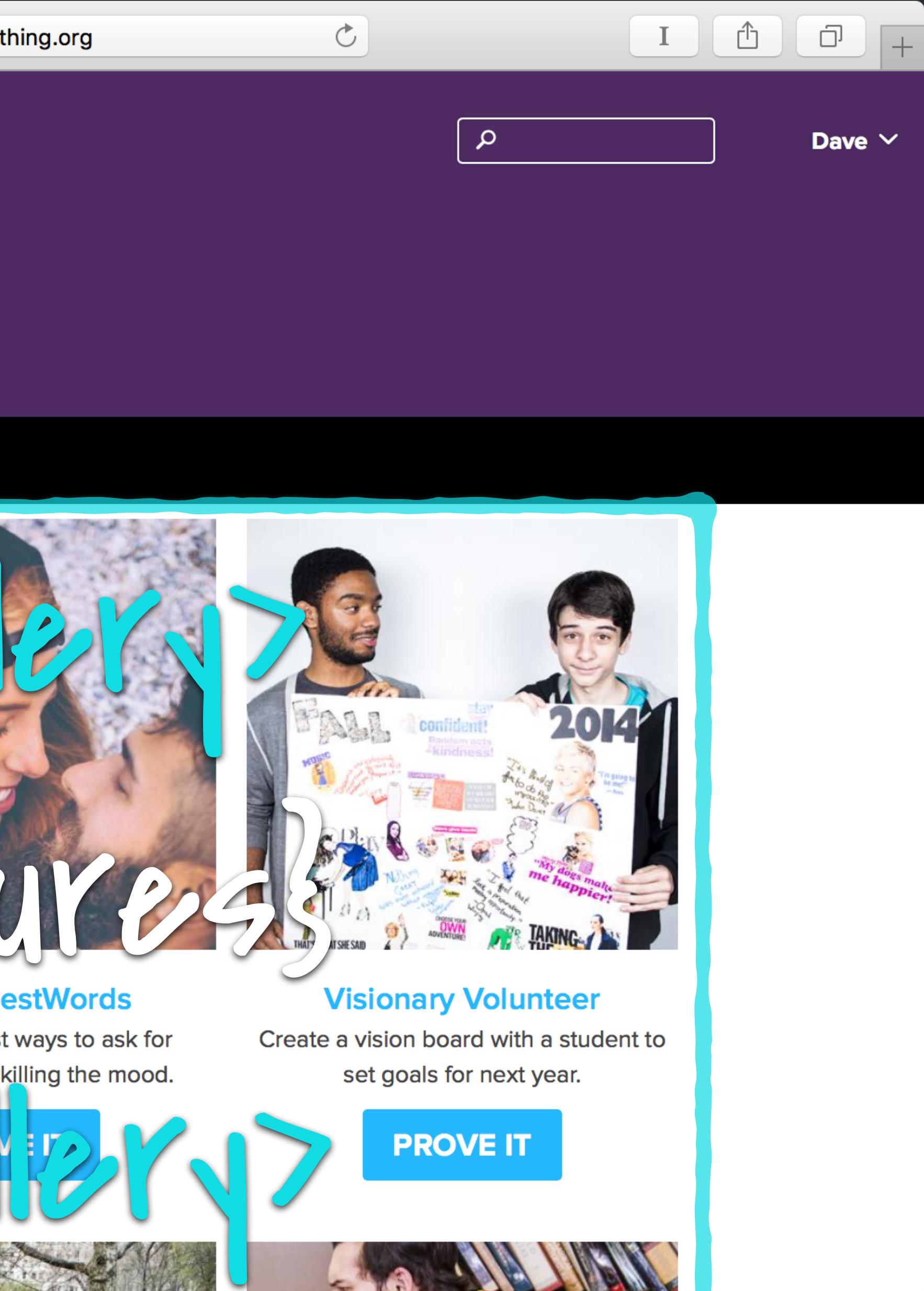
## Get The Filter Out! Clean up cigarette butt litter.

**PROVE IT**

Share the hottest ways to ask for consent without killing the mood.

Create a vision board with a student to set goals for next year.

# PROVE IT



dosomething.org

The website features a header with a search bar and a user icon. Below the header, there's a grid of project cards. A large, stylized central graphic contains the word "Gallery" in a blue, bubbly font, with arrows pointing left and right, and curly braces above and below it.

**GTFO**  
Get The Filter Out! Clean up cigarette butt litter.

**#TheSexiestWords**  
Share the sexiest ways to say or else it's the quickening the mood.

**Visionary Volunteer**  
Create a vision board with a student to set goals for next year.

**Love It Forward**  
Ask social influencers to publicly support LGBTQ rights.

**Bubble Breaks**  
Create homemade bubble blowing kits for kids at a family shelter.

**Unban Underpants!**  
Read from "Captain Underpants" in class to protest censorship.

**Show More**

dosomething.org

GTFO

Get The Filter Out! Clean up cigarette butt litter.

#TheSexiestWords

Share the hottest ways to ask for consent without killing the mood.

Visionary Volunteer

Create a vision board with a student to set goals for next year.

PROVE IT

PROVE IT

PROVE IT

Love It Forward

Ask social influencers to publicly support LGBTQ rights.

Bubble Breaks

Create homemade bubble blowers for kids and families.

Captain Underpants!

Read from "Captain Underpants" in class to protest censorship.

PROVE IT

PROVE IT

PROVE IT

Show More

<Revealer>

<Gallery>...</Gallery>

</Revealer>

## SINGLE RESPONSIBILITY PRINCIPLE

YOUR DOMAIN

3

Compose.

TOOLKIT

```
<Revealer start=6>
  <Gallery columns=3>
    <Figure img="gtfo.jpg">
      <a href="#">GTF0</a>
      <p>Get the filter out! Clean up cigarette butt litter.</p>
      <Button>Prove It</Button>
    </Figure>
    <Figure img="the-sexiest-words.jpg">
      <a href="#">#TheSexiestWords</a>
      <p>Share the hottest ways to ask for consent without
         killing the mood.</p>
      <Button>Prove It</Button>
    </Figure>
    <!-- ... -->
  </Gallery>
</Revealer>
```



Whatever your passion, whether its protecting dogs, saving cats, helping endangered animals or saving wildlife, we have you covered.

Sign up now. Join millions of young people volunteering to make a difference.

STAFF PICK



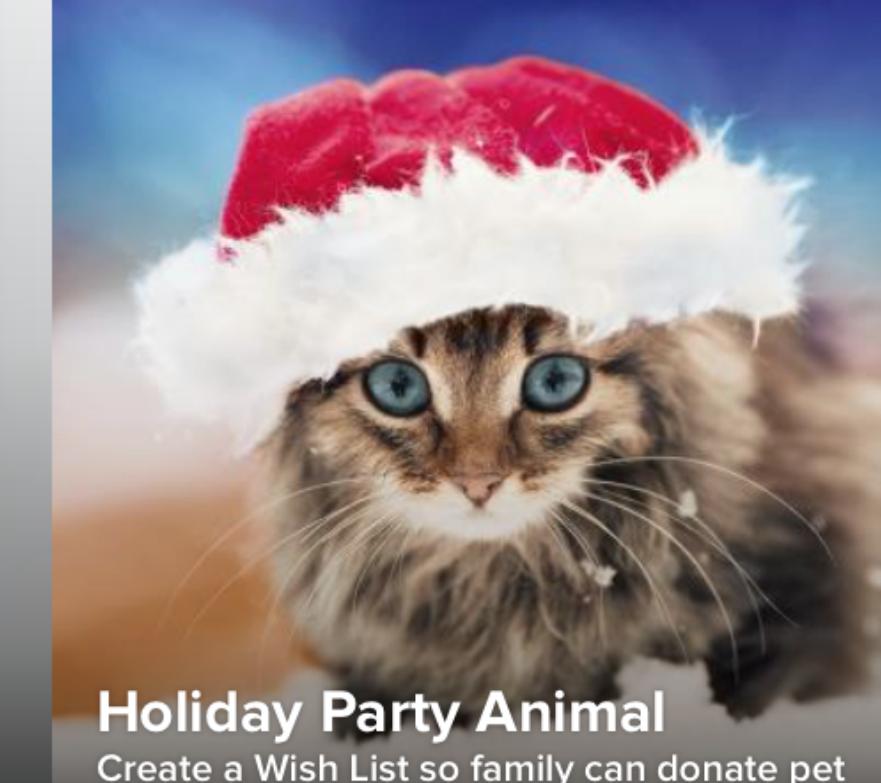
**GTFO**

Get The Filter Out! Clean up cigarette butt litter.



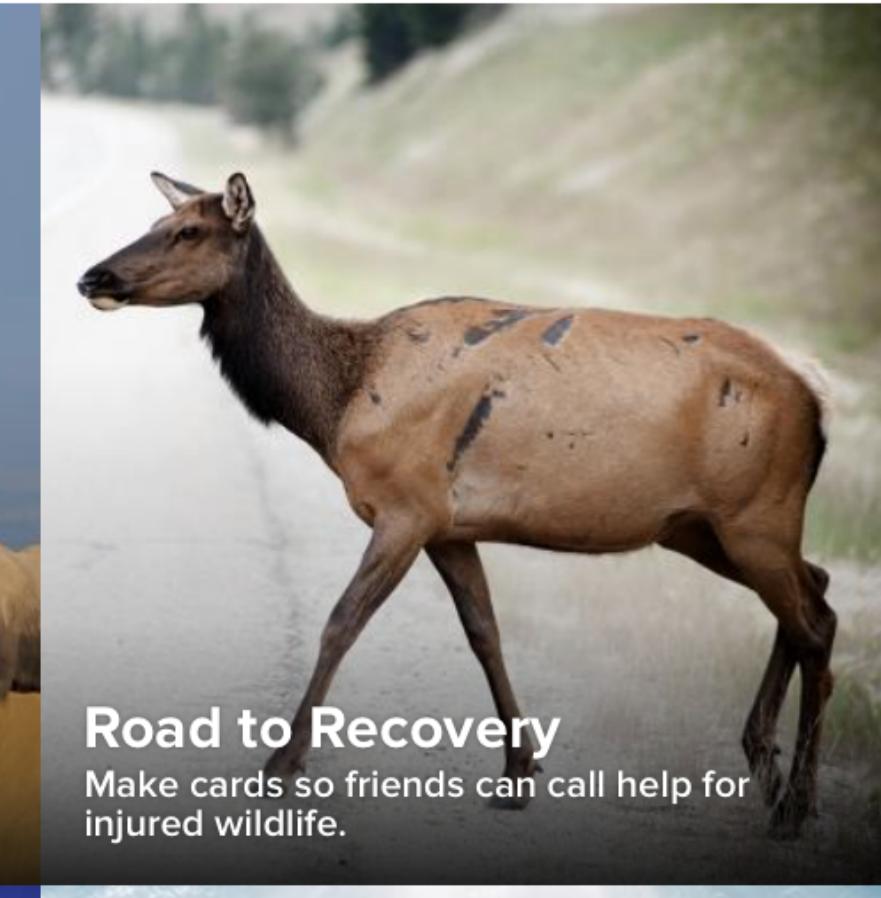
**Elephant Task Force**

Flag ivory items on Craigslist to stop elephant poaching.



**Holiday Party Animal**

Create a Wish List so family can donate pet supplies to shelters.



**Road to Recovery**

Make cards so friends can call help for injured wildlife.



**Sea Turtle Street Sweep**

Save sea turtles by picking up trash before it reaches the ocean.

[Show More](#)

Open "<https://www.dosomething.org/campaigns/gtfo?source=taxonomy/term/16>" in a new tab



Whatever your passion, whether its protecting dogs, saving cats, helping endangered animals

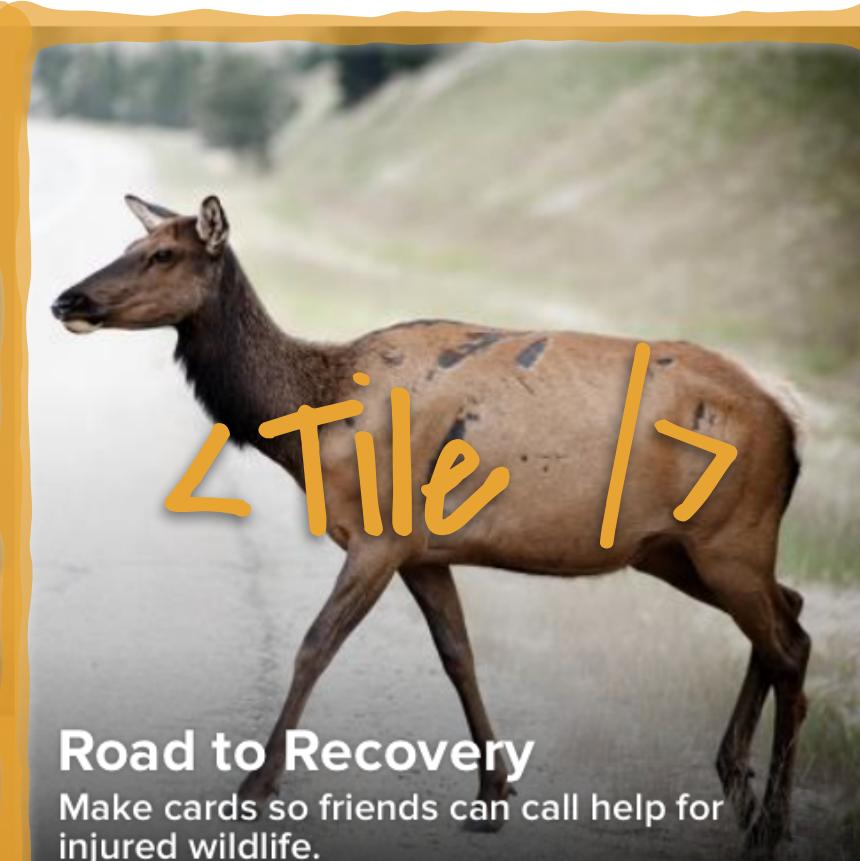
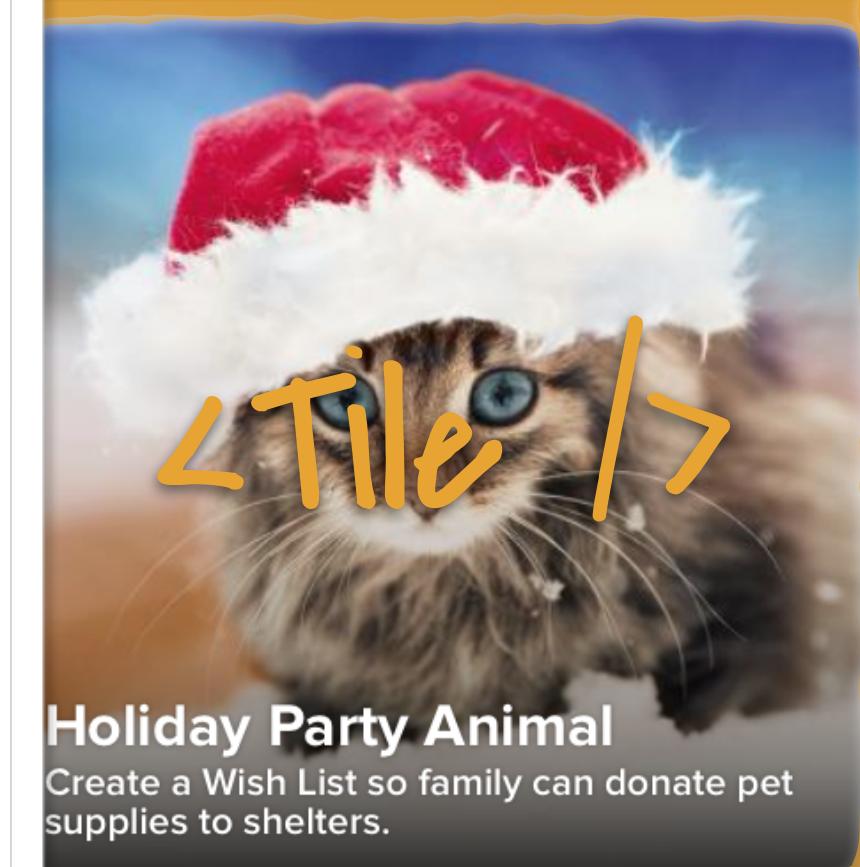
#### Tile #

A tile block contains an image with an overlaid title and tagline. Generally used for campaigns, but can be used in any context.



>Show Markup

difference.



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**STAFF PICK**

**Gallery - Featured #**

Gallery style which emphasizes the first item in the gallery. Works best when paired with the gallery's -quartet and -mosaic modifier classes.

**Kitten Overlord**

**Kitten Overlord**

**Kitten Overlord**

**LGallery**

**Elephant Task Force**

Flag ivory items on Craigslist to stop elephant poaching.

**Road to Recovery**

Make cards so friends can call help for injured wildlife.

**Sea Turtle Street Sweep**

Save sea turtles by picking up trash before it reaches the ocean.

[View More](#)

[a new tab](#)

[Show Markup](#)

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**STAFF PICK**

**GTFO**  
Get The Filter Out! Clean up cigarette butt litter.

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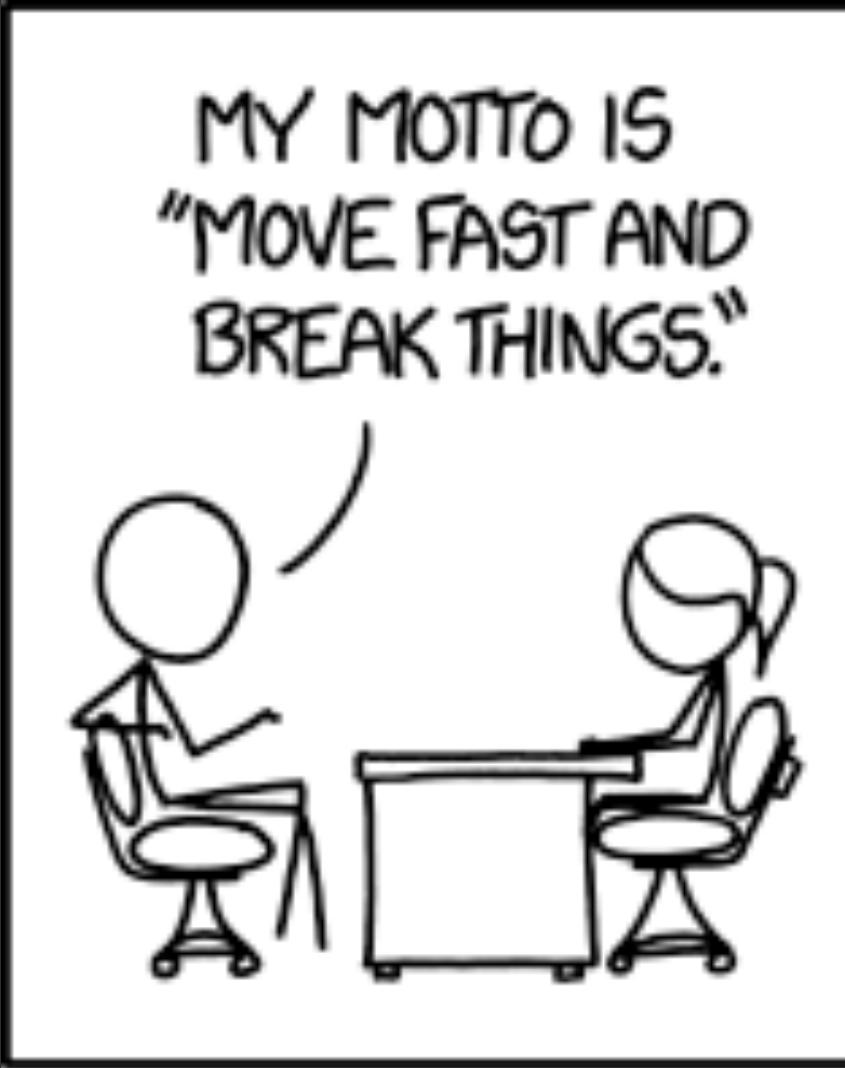
[Show More](#)

Open "<https://www.dosomething.org/campaigns/gtfo?source=taxonomy/term/16>" in a new tab

```
<Revealer start=5>
  <Gallery mosaic=true columns=4 featured=true>
    <Tile title="GTF0" description="..." img="gtfo.jpg" staffPick=true />
    <Tile title="..." description="..." img="elephants.jpg" />
    <Tile title="..." description="..." img="deer.jpg" />
    <Tile title="..." description="..." img="kitten.jpg" />
    <Tile title="..." description="..." img="turtle.jpg" />
  </Gallery>
</Revealer>
```

YOUR  
Stay agile.  
TOOLKIT

YOU TOOK IT



FEDEX DRIVER  
CRANE OPERATOR  
SURGEON  
AIR TRAFFIC CONTROLLER  
PHARMACIST  
MUSEUM CURATOR  
WAITER  
DOG WALKER  
OIL TANKER CAPTAIN  
VIOLINIST  
MARS ROVER DRIVER  
MASSAGE THERAPIST

KIT

YOUR DOMAIN  
Make your site **faster**.  
TOOLKIT

YOUR  
MAN  
Make **building** your  
site faster. **TOOLKIT**

**Build less, but  
better things.**



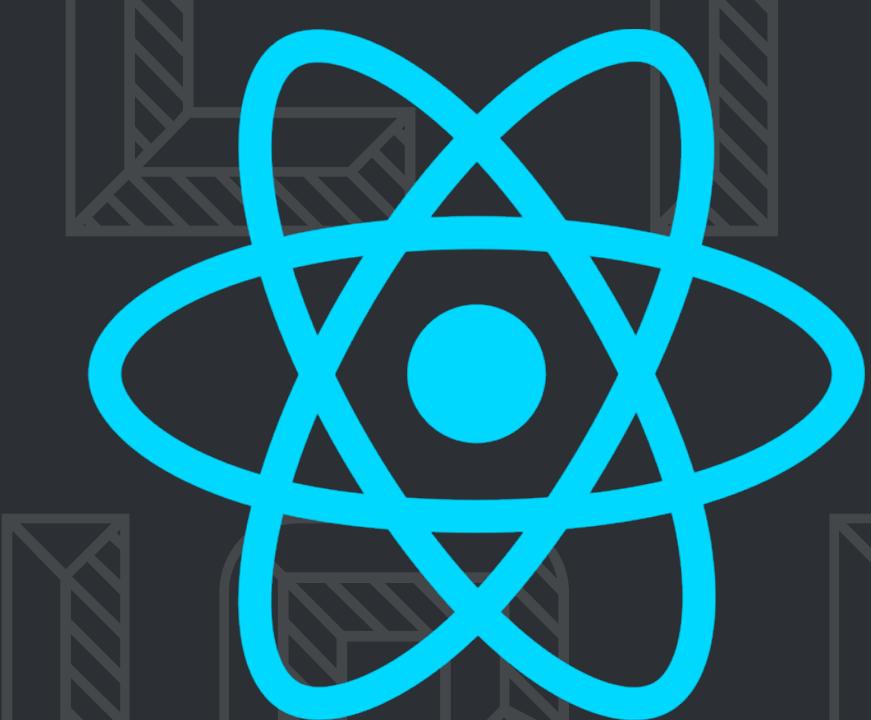
THE FUTURE

THE FUTURE

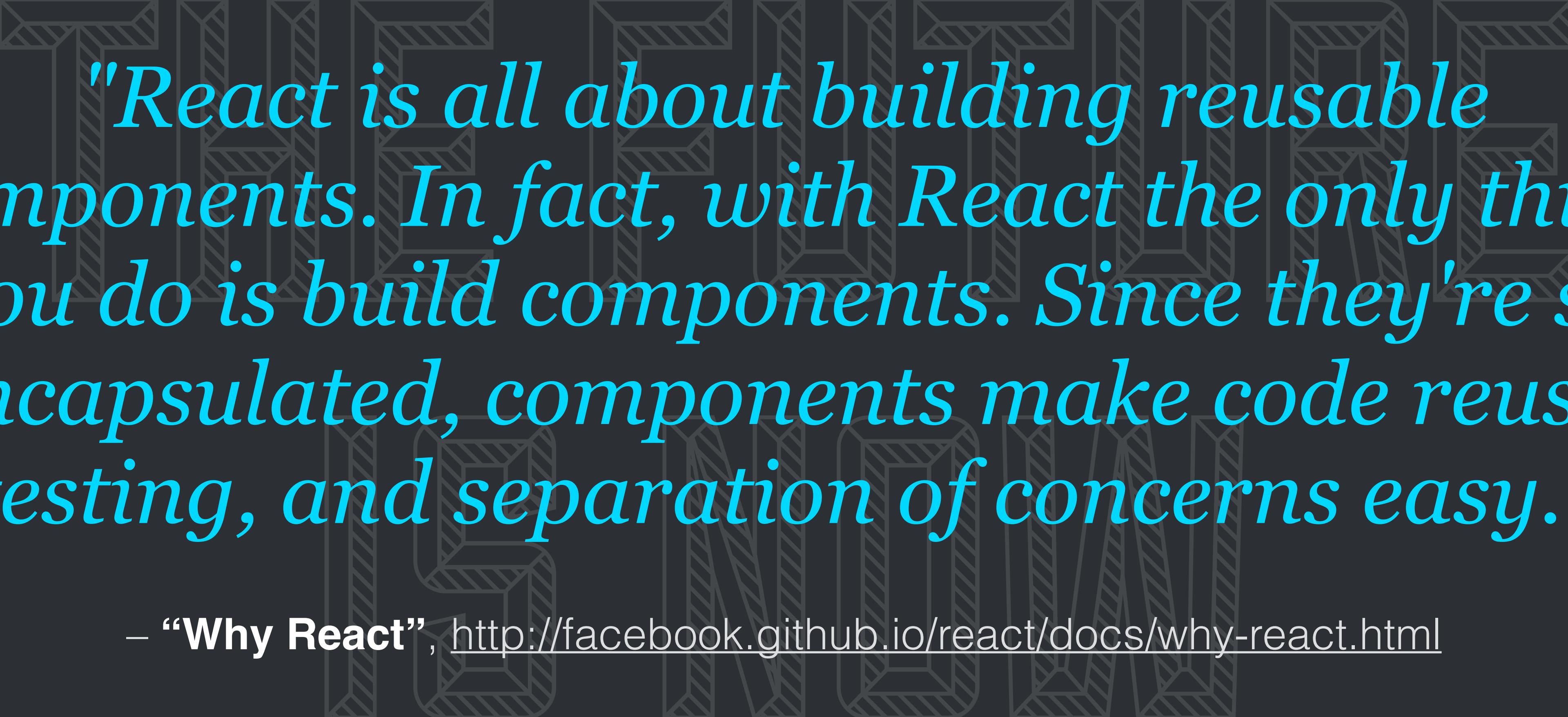
IS NOW



# THE FUTURE IS NANO



# React



*"React is all about building reusable components. In fact, with React the only thing you do is build components. Since they're so encapsulated, components make code reuse, testing, and separation of concerns easy."*

– “Why React”, <http://facebook.github.io/react/docs/why-react.html>

THE FUTURE  
Build components,  
not pages.

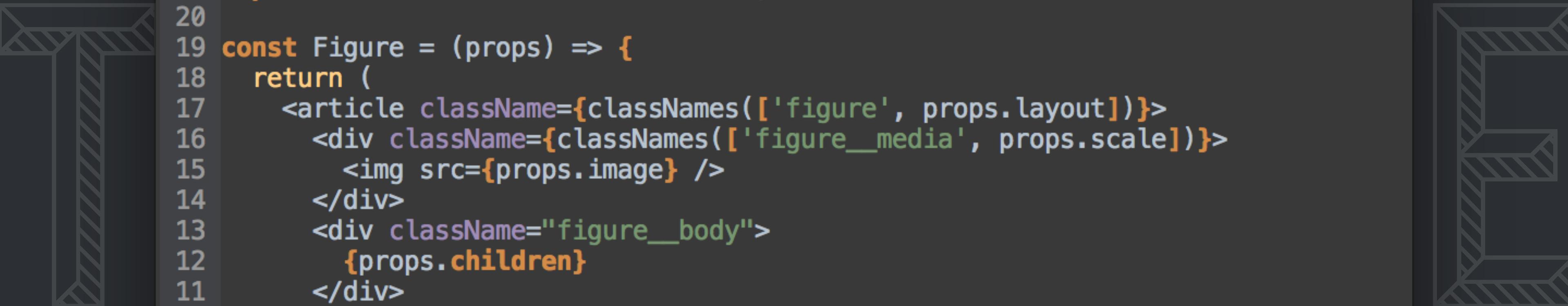


figure.js (~/fowd) - VIM1

```
22 import React from 'react';
21 import classNames from 'classnames';
20
19 const Figure = (props) => {
18   return (
17     <article className={classNames(['figure', props.layout])}>
16       <div className={classNames(['figure__media', props.scale])}>
15         <img src={props.image} />
14       </div>
13       <div className="figure__body">
12         {props.children}
11       </div>
10     </article>
9   );
8 };
7
6 Figure.propTypes = {
5   layout: React.PropTypes.oneOf(['-left', '-right']),
4   scale: React.PropTypes.oneOf(['-small', '-medium']),
3   image: React.PropTypes.string.isRequired,
2 }
1
23 export default Figure;
```

~ NORMAL figure.js unix | utf-8 | javascript 100% 23:22

```
<Figure layout='left' image='img.png'>  
Hello, F0WD!  
</Figure>
```

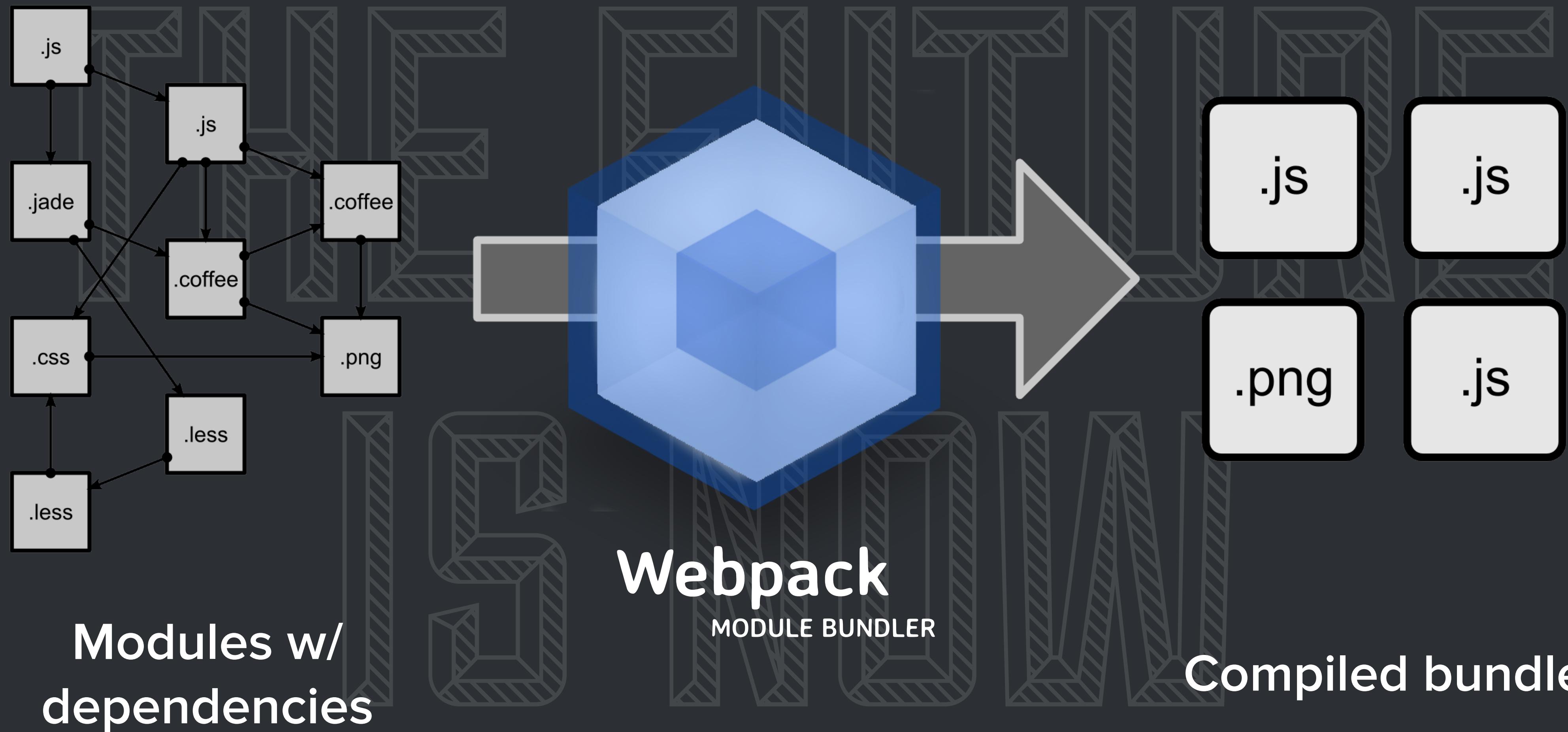
```
<article class="figure-left">  
  <div class="figure__media">  
      
  </div>  
  <div class="figure__body">  
    Hello, F0WD!  
  </div>  
</article>
```

```
<Figure layout='left' image='img.png'>  
Hello, F0WD!  
</Figure>
```

```
<article class="figure left">  
  <div class="figure__media">  
      
  </div>  
  <div class="figure__body">  
    Hello, F0WD!  
  </div>  
</article>
```

**A** Failed propType: Invalid prop `layout` of value `left` supplied to `Figure`, expected one of ["-left", "-right"].







button.css (~/fowd) - VIM

```
13 .button {  
12   border-radius: 4px;  
11   padding: 12px;  
10 }  
9  
8 .primary {  
7   background: #23b7fb;  
6   font-size: 24px;  
5   font-weight: bold;  
4 }  
3  
2 .secondary {  
1   background: #333;  
14 }
```

~  
~  
~  
~  
~  
~

NORMAL button.css

unix | utf-8 | css 100% 14:1





button.js (~/fowd) - VIM1

```
22 import React from 'react';
21 import classNames from 'classnames';
20 import styles from './button.css';
19
18 class Button extends React.Component {
17   render() {
16     var kind = this.props.kind || 'primary';
15     var classes= classNames([styles.base, styles[this.props.kind]]);
14
13     return (
12       <button className={classes} onClick={this.props.onClick}>
11         {this.props.children}
10       </button>
9     );
8   }
7 }
6
5 Button.propTypes = {
4   kind: React.PropTypes.oneOf(['primary', 'secondary']),
3   onClick: React.PropTypes.fn
2 };
1
23 export default Button;
```

NORMAL button.css

NORMAL button.js

unix | utf-8 | javascript 100% 23:22

**Build documentation into  
your components.**

```
Button.propTypes = {  
  kind: PropTypes.oneOf(['primary', 'secondary'])  
};
```

EXAMPLE BUTTON

```
<Button kind="primary">  
  Example Button  
</Button>
```

```
TYPEFITTER
```

```
Button.propTypes = {  
  kind: PropTypes.oneOf(['primary', 'secondary'])  
};
```



```
Button.propTypes = {  
  kind: PropTypes.oneOf(['primary', 'secondary'])  
};
```



Warning

```
<Button kind="big">  
  Example Button  
</Button>
```

## EXAMPLE BUTTON

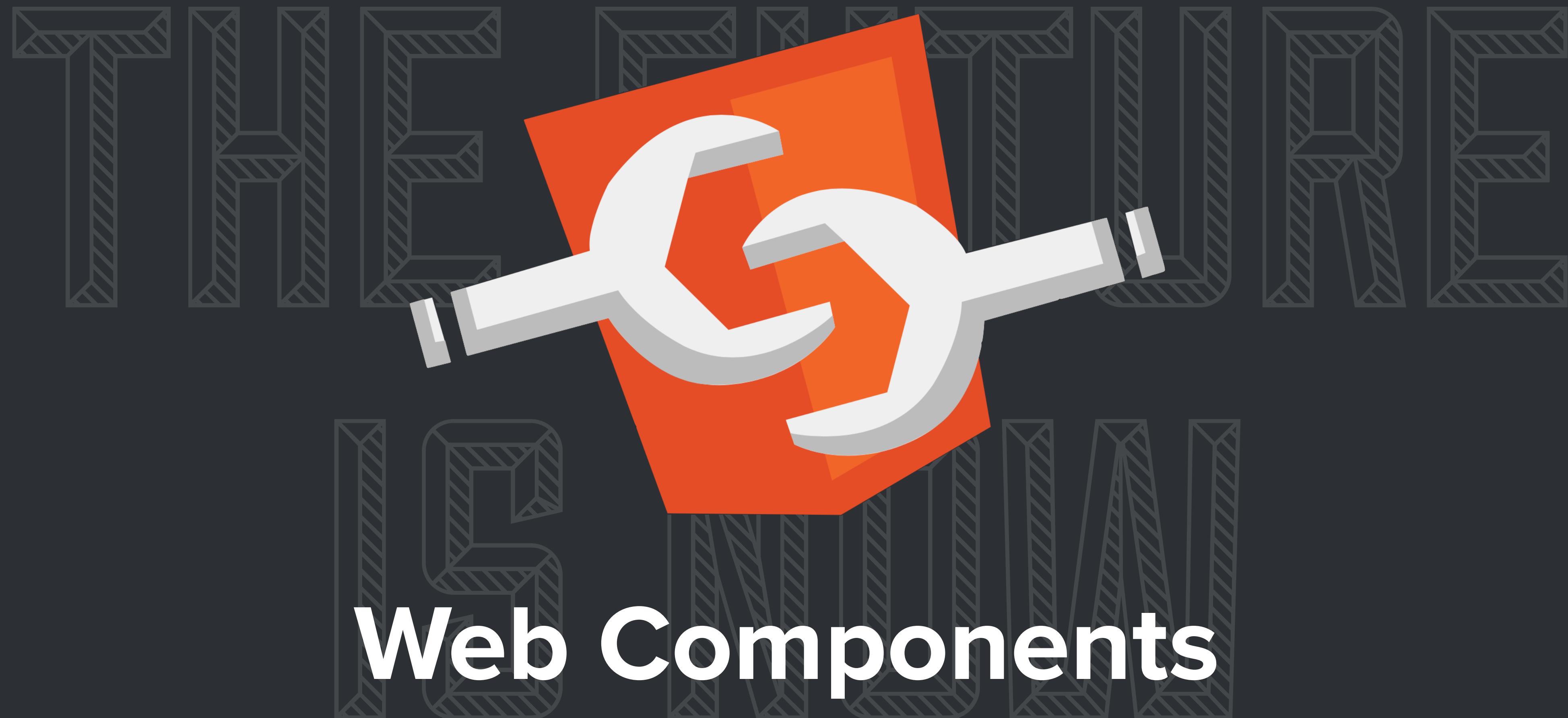
```
<Button kind="primary"/>
```

```
<button class=".23_aKvs-bz0 .13B9w-t01">  
  Example Button  
</button>
```

# THE FUTURE IS MODULES

<http://dfurn.es/css-modules>





```
<template id="button-template">
  <style>
    ds-button { /* ... */ }
    .primary { background: #23b7fb; font-size: 24px; }
    .secondary { background: #444; font-size: 18px; }
  </style>
  <content></content>
</template>

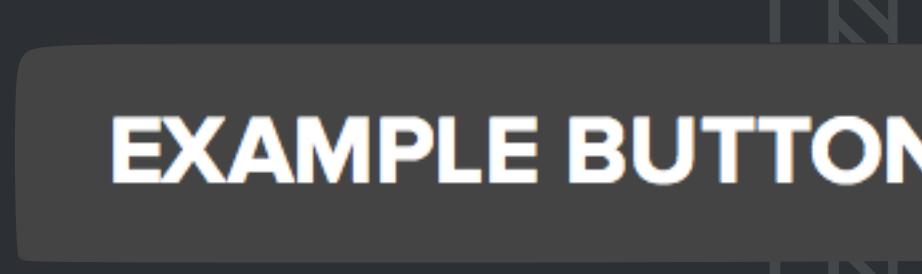
<script>
  document.registerElement('ds-button', {
    prototype: Object.create(HTMLButtonElement.prototype),
    extends: 'button',
    createdCallback: {
      value: function() {
        var t = document.querySelector('#button-template');
        var clone = document.importNode(t.content, true);
        this.createShadowRoot().appendChild(clone);
      }
    }
  });
</script>
```



**EXAMPLE BUTTON**



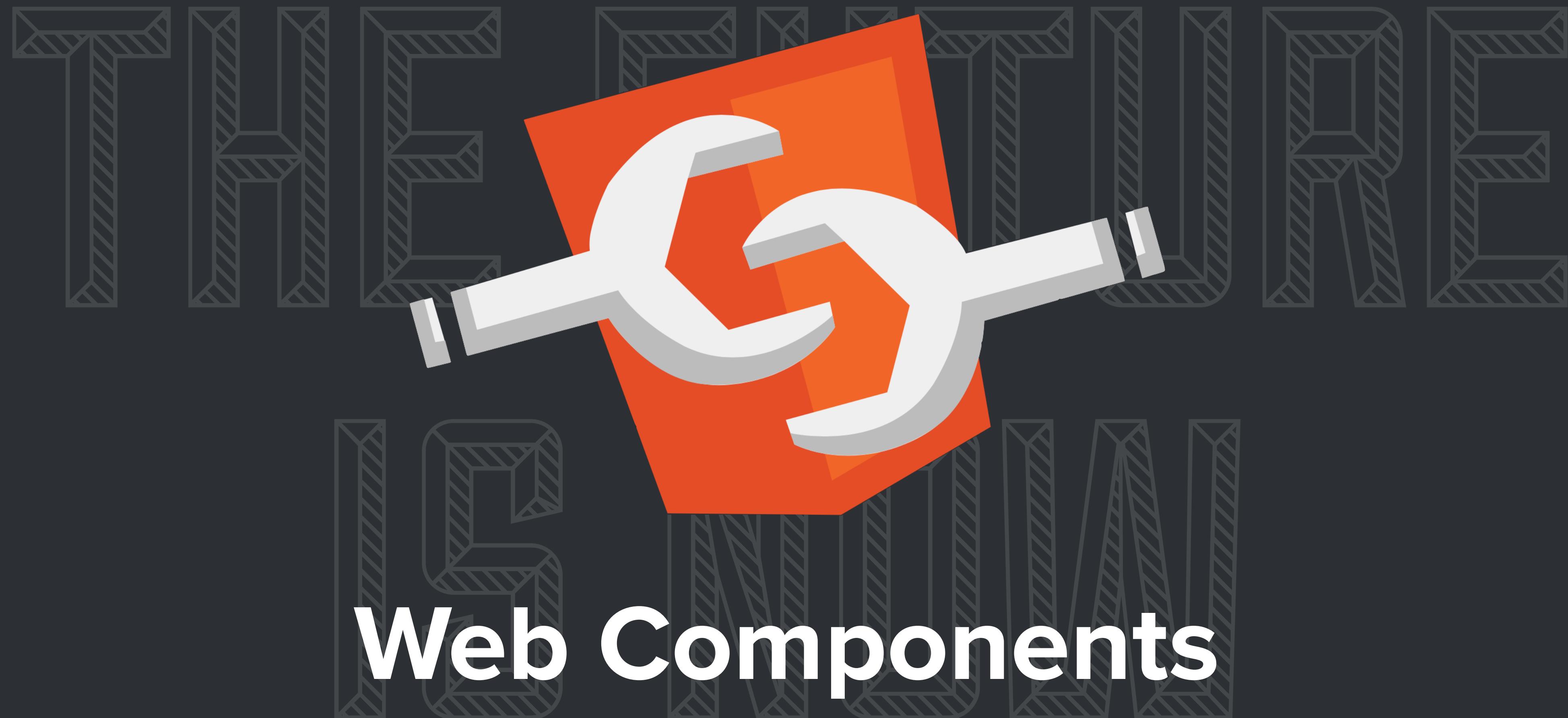
```
<button is="ds-button" class="primary">  
  Example Button  
</button>
```



**EXAMPLE BUTTON**



```
<button is="ds-button" class="secondary">  
  Example Button  
</button>
```



A screenshot of a web browser displaying the [polymer-project.org](http://polymer-project.org) website. The page is titled "Production ready" and features a large "1.0" logo composed of geometric shapes. The header includes links for "Get Started", "Guides & Resources", "Element Catalog", "Blog", and "v. 1.0". A search icon is also present. Below the main title, there is a paragraph of text about the benefits of Polymer 1.0. At the bottom, there is a blue banner with the text "Watch Polymer Summit 2015" and "A full day of talks and code labs from the Polymer team", accompanied by a logo of two stylized figures.

polymer-project.org

polymer

Get Started   Guides & Resources   Element Catalog   Blog   v. 1.0  

# Production ready

Polymer 1.0 has been rebuilt from the ground up for speed and efficiency. The new, leaner core library makes it easier than ever to make fast, beautiful, and interoperable web components. If you haven't used Polymer before, it's time to try it out. If you haven't tried it recently, time to take another look.

GET POLYMER   VIEW ON GITHUB

Watch Polymer Summit 2015  
A full day of talks and code labs from the Polymer team

polymer-project.org

**Build things that help  
you build things.**



Your pattern library is  
a tool for building  
a healthy process.

**Build less, but  
better things.**

**Build things that help  
you build things.**

David Furnes  
@dfurnes