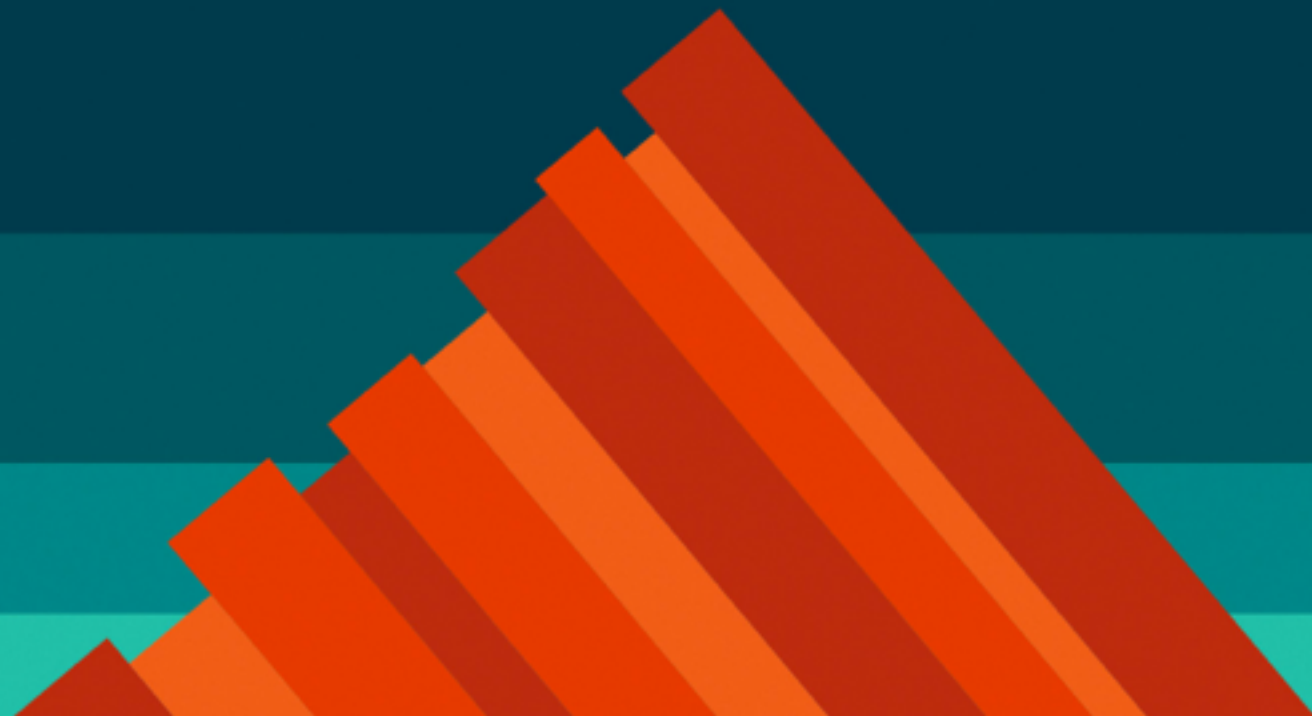


Web Components

———— a chance to ————

Create the future





@zenorocha

A large crowd of people is gathered on a city street at sunset. The sun is low on the horizon, casting a warm, golden glow over the scene. In the background, the jagged peaks of the mountains are visible against the sky. To the right, modern high-rise buildings line the street. Palm trees and other tropical vegetation are on the left. The crowd is dense, and many people are wearing white shirts. A few people in the center of the crowd are wearing colorful hats. Streetlights and traffic signs are visible in the distance.

I'm from **Brazil**

Create!



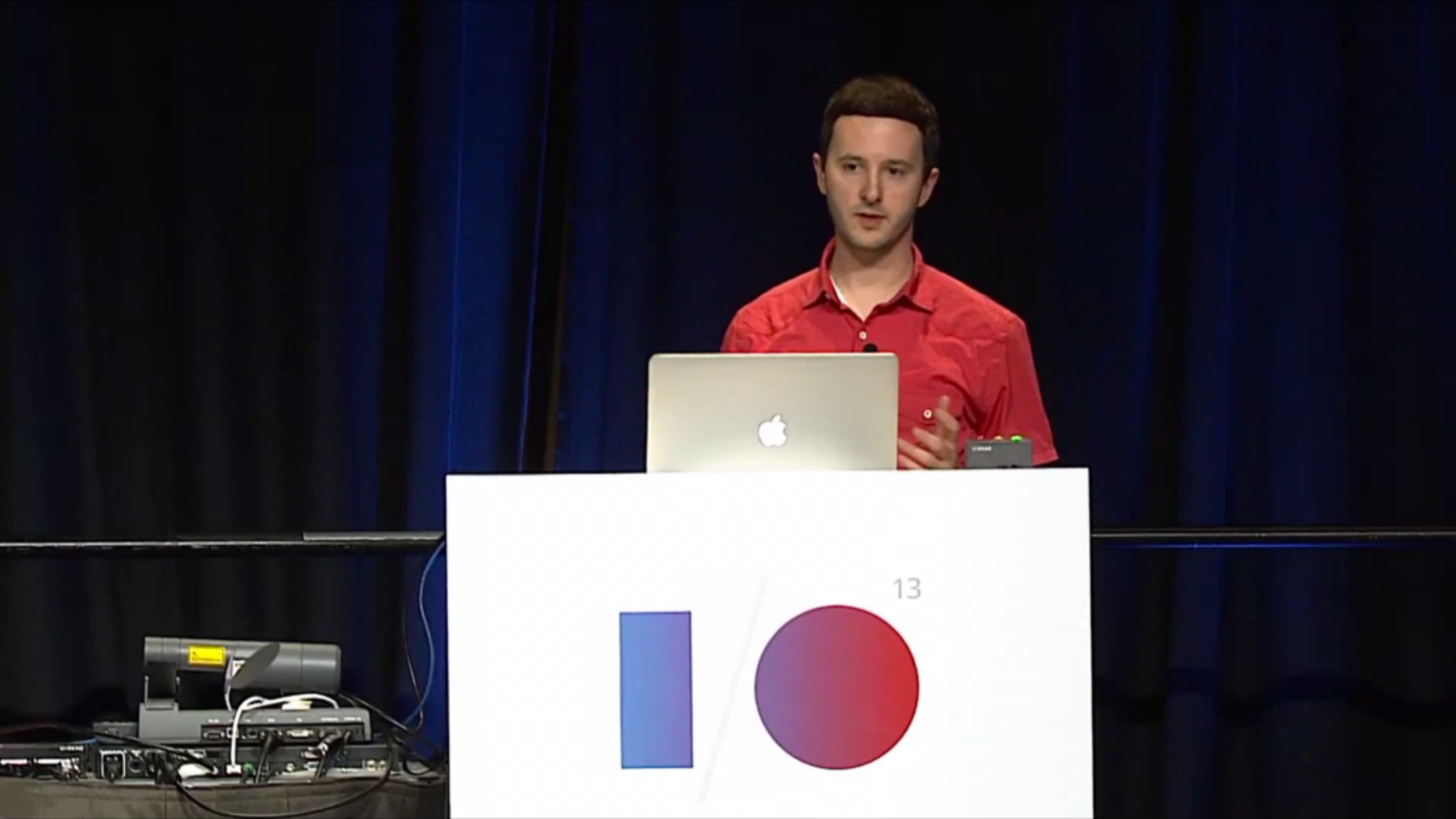
Share!



Learn!









But there was no
starter-kit =/





This repository ▾

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zenorocha + -

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Fork this repo if you want to start your own Web Component using Polymer — Edit

55 commits2 branches4 releases4 contributors

 branch: master polymer-boilerplate / +

Replace repository name placeholder

zenorocha authored a day ago latest commit 02659ca8d4

dist	Release v0.1.3	2 days ago
src	Make src more vanilla	2 days ago
.editorconfig	Insert final newline	a month ago
.gitignore	Stop to commit bower_components	2 days ago
Gruntfile.js	Replace repository name placeholder	a day ago
README.md	Change development instructions from to	2 days ago
bower.json	Remove authors and update description	2 days ago
index.html	Change titles to "my-repo"	2 days ago
package.json	Add deploy task to send files to gh-pages branch	2 days ago

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Issues 0

Pull Requests 0

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github.com/webcomponents/polymer-boilerplate



Fork this repo if you want to start your own Web Component using X-Tag — Edit

27 commits

2 branches

1 release

1 contributor

 branch: master ▾

x-tag-boilerplate / +

Replace repository name placeholder		
	zenorocha authored a day ago	latest commit c314de6237 
 dist	Release v0.1.0	2 days ago
 src	Add params to attributeChanged()	2 days ago
 .editorconfig	Initial boilerplate based on element-boilerplate	a month ago
 .gitignore	Stop to commit bower_components on master	2 days ago
 Gruntfile.js	Replace repository name placeholder	a day ago
 README.md	Change development instructions from to	2 days ago
 bower.json	Update "platform" dependency to v0.2.3	a day ago
 index.html	Change titles to "my-repo"	2 days ago
 package.json	Add deploy task to send files to gh-pages branch	2 days ago

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github.com/webcomponents/x-tag-boilerplate



Fork this repo if you want to start your own Web Component using VanillaJS — Edit

30 commits

2 branches

1 release

2 contributors

 branch: master ▾

element-boilerplate / 

Replace repository name placeholder

 zenorocha authored a day ago

latest commit d25b6d254b 

 src	Remove unnecessary comment	2 days ago
 .editorconfig	Initial boilerplate based on element-boilerplate	a month ago
 .gitignore	Stop to commit bower_components	2 days ago
 Gruntfile.js	Replace repository name placeholder	a day ago
 README.md	Change development instructions from to	2 days ago
 bower.json	Update "platform" dependency to v0.2.3	a day ago
 index.html	Change titles to "my-repo"	2 days ago
 package.json	Add deploy task to send files to gh-pages branch	2 days ago

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<my-repo>

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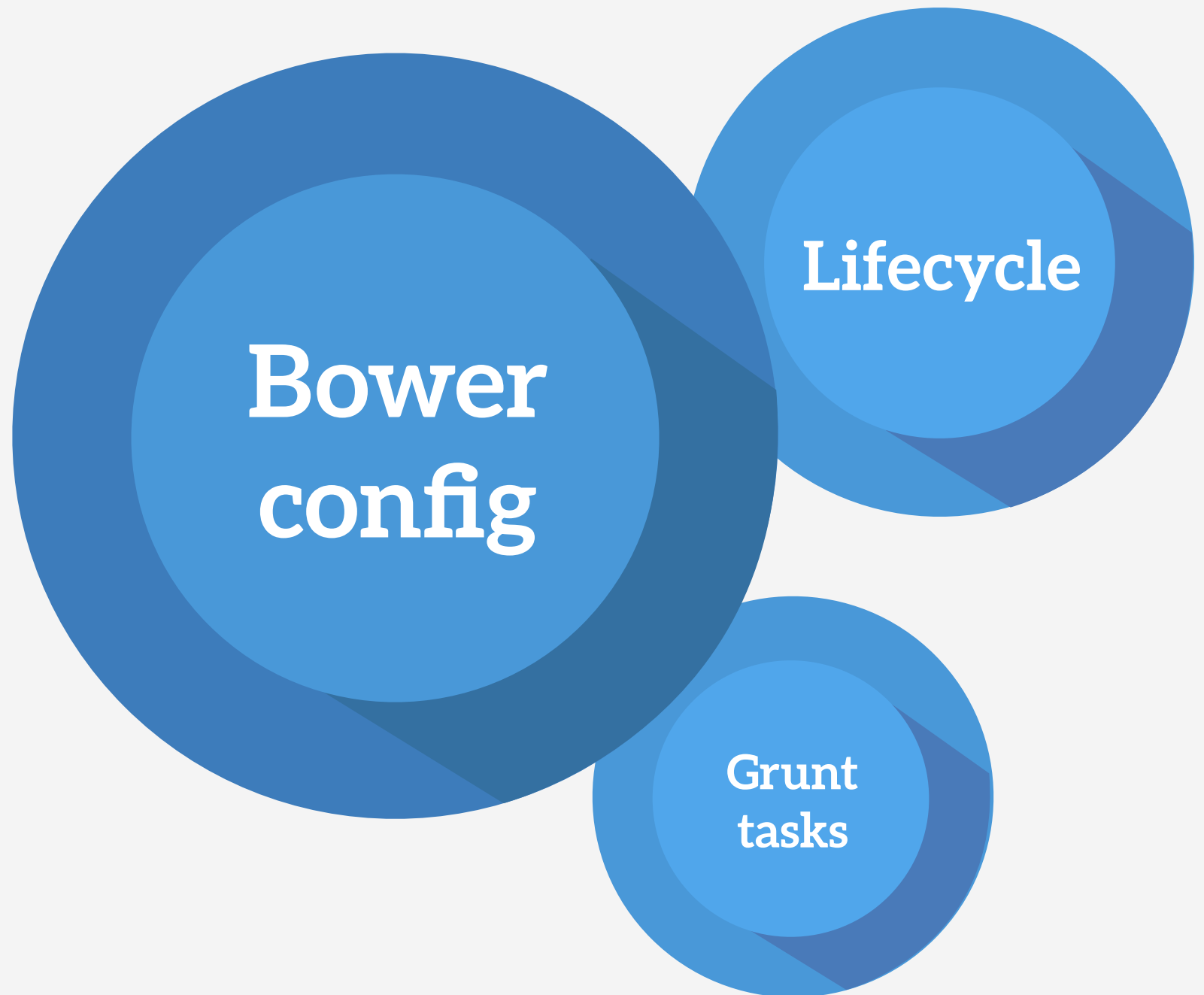
 Clone in Desktop

 Download ZIP

github.com/webcomponents/element-boilerplate

What's included?

We encourage a series of best practices like setting up a live demo, documenting your API, maintaining a changelog for release purposes, and sharing it in a package manager.







This repository ▾

Search or type a command

ExploreGistBlogHelp

zenorocha

+•✂

PUBLIC

webcomponents / generator-element

Unwatch ▾3

★ Unstar15

Fork2

A Yeoman generator for Custom Elements <https://npmjs.org/generator-element> — Edit

42 commits

1 branch

4 releases

2 contributors

branch: master ▾

generator-element / +

Add new generator for individual elements

zenorocha authored a day ago

latest commit 8e604bda30

app	Add new generator for individual elements	a day ago
elements	Add new generator for individual elements	a day ago
test	Update template to use polymer-boilerplate v0.1.4	2 days ago
.editorconfig	Standardize indentation and other stuff according to the pattern we'r...	a month ago
.gitignore	Adding initial yo generator output	2 months ago
.jshinttrc	Adding initial yo generator output	2 months ago
.travis.yml	Adding initial yo generator output	2 months ago
README.md	Add new generator for individual elements	a day ago
banner.js	Add new generator for individual elements	a day ago
package.json	Add new generator for individual elements	a day ago

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github.com/webcomponents/generator-element

Create!



Share!



Learn!



So people started to
create elements

tracking.js

Change the way you interact with your browser



Download now

Fork on Github

Example

Basic Usage

This example is a simple way to initialize the user browser camera and start tracking for objects with color **magenta**.

There are two available callbacks, `onFound` is fired when the object is detected and `onNotFound` does the opposite.

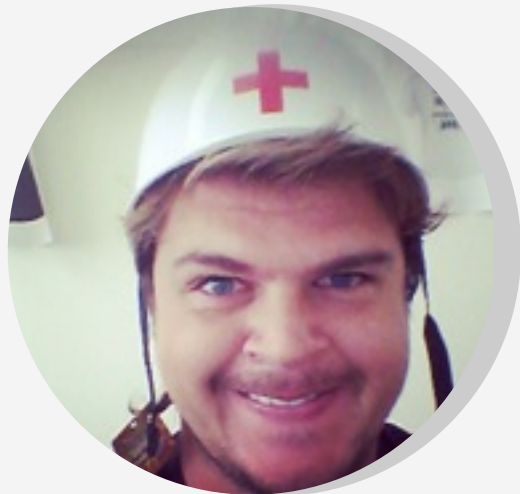
```
1 var videoCamera = new tracking.VideoCamera().render().renderVideoCanvas();
2
3 videoCamera.track({
4   type: 'color',
5   color: 'magenta',
6   onFound: function(track) {
7     console.log(track.x, track.y, track.z);
8   },
```

<SF-HTML5>

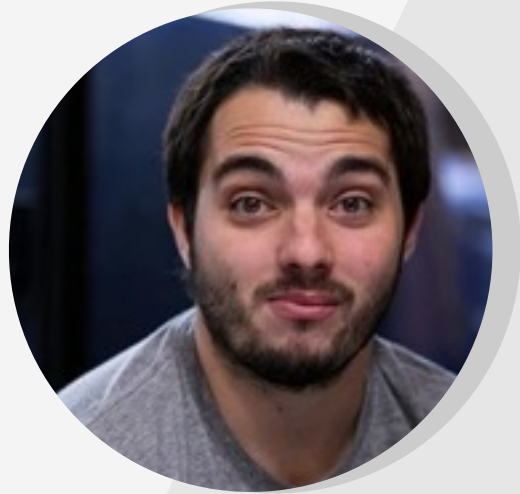


We **needed a place** to
show these elements

Got some friends together...



Bernard
De Luna



Djalma
Araújo



Eduardo
Lundgren



Custom Elements

a web components gallery for modern web apps



172



975



847



217

What is Web Components?

Web Components are a collection of standards which are working their way through the W3C. They enable truly encapsulated and reusable components for the web. And if you think HTML5 changed the web, wait to see what Web Components will do.

For lots more information about it, including articles and presentations, check out webcomponents.github.io.

— [Zeno Rocha](#), project lead.

Submit your own

Got a great idea for a custom element? Awesome! There are boilerplates for [Polymer](#), [X-Tag](#), and [VanillaJS](#) that you can fork and get up and running with a simple component.

When you're ready to go, submit it to the form below and it'll appear on this site for others to play and use!

Submit

Latest elements

[gravatar-tag](#)

Custom Element for Gravatar without Polymer.

Most popular elements

[x-gif](#)

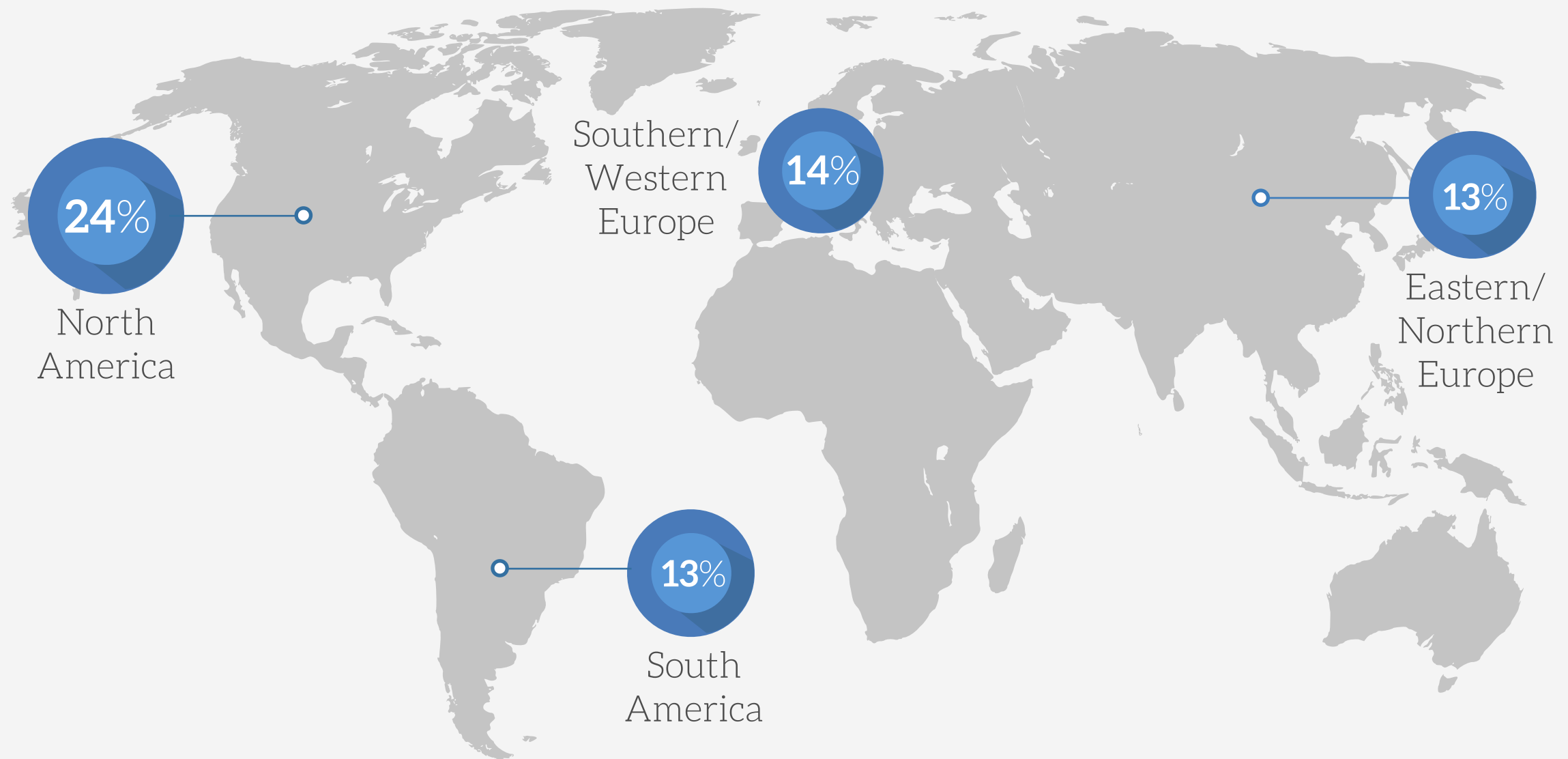
A custom element for flexible GIF playback

customelements.io

CustomElements.io

+ 170 elements

+ 100,000 pageviews



How to add
an element there?

bower.json

```
1  {
2    "name": "my-repo",
3    "version": "0.0.0",
4    "description": "My awesome Custom Element",
5    "license": "MIT",
6    "main": "src/my-element.html",
7    "keywords": [
8      "web-components"
9    ],
10   "ignore": [
11     "**/*.*",
12     "node_modules",
13     "bower_components"
14   ],
15   "dependencies": {
16     "platform": "Polymer/platform#~0.2.3"
17   }
18 }
```

Create!



Share!



Learn!

What's the
main reference
to learn Web
Components?



Addy Osmani

And a bunch of awesome people...



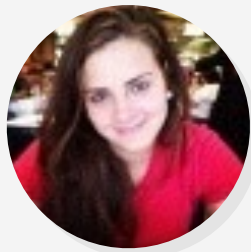
Alex
Komoroske



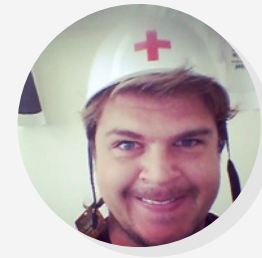
Eric
Bidelman



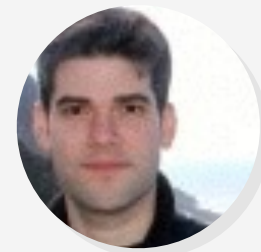
Rob
Dodson



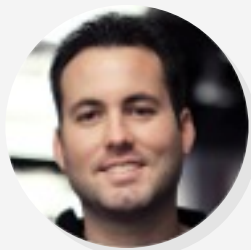
Briza
Bueno



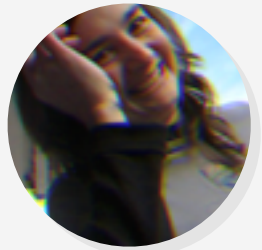
Bernard
De Luna



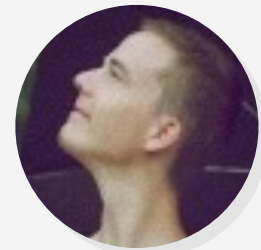
Eduardo
Lundgren



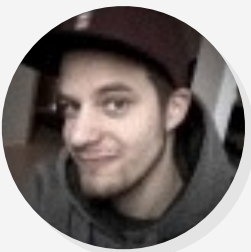
Daniel
Buchner



Soledad
Penadés



Sindre
Sorhus



Pascal
Precht



Bruce
Lawson



Mathias
Bynens





WebComponents.org

the web platform specs that will change the way you build apps

WHAT?

WebComponents.org is where pioneers and community-members of the Web Components ecosystem (like *Polymer*, *X-tags*, and other interested parties) document web components best practices so that others can follow the same path instead of needlessly striking out on their own.

SPECS



WEB COMPONENTS

This document is a non-normative reference, which provides an overview of Web Components. It summarizes the normative information in the respective specifications in easy-to-digest prose with illustrations.



CUSTOM ELEMENTS

This specification describes the method for enabling the author to define and use new types of DOM elements in a document.



HTML IMPORTS

HTML Imports are a way to include and reuse HTML documents in other HTML documents.

ARTICLES



WEB COMPONENTS BEST PRACTICES

[Web Components](#) (WC) are a new set of web platform features that enable developers to build applications in a declarative, composable way. The following is an initial list of best practices we advocate component authors consider to ensure their elements are good citizens in the Web Component ecosystem.

[Read More >](#)

[see all articles](#)

BROWSER SUPPORT

CHROME

OPERA

FIREFOX

SAFARI

IE



webcomponents.github.io

Gather **best practices**

Highlight great
articles & talks

Introduce useful
tools and resources

Discuss API
implementations



Create!



Share!



Learn!



The best way to predict
the future is **to create** it.

Zeno Rocha

zenorocha.com

Thank you!



bit.ly/wc-mailing



#webcomponents



@webcomponents



+WebComponents

The background of the image is a repeating pattern of red squares and white wrenches. The wrenches are oriented diagonally, with their heads pointing towards the top-left and bottom-right corners. The red squares are placed between the wrenches, creating a grid-like effect. The overall color scheme is red and white.

Stickers \o/