

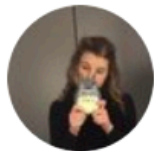
# “Intuitive” Tooling

@carolstran

# Tooling



*@carolstran*




**Carolyn Stransky**

@carolstran



Frontend devs: What are some tools/technologies/buzzwords that people describe as “simple” or “easy to pick up” but you just... don’t get?

My DMs are also open if you want to privately tell me the things you pretend to know 

11:06 AM - 5 Feb 2019

I wasn't alone

*@carolstran*

L I A R S

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# Typescript

“A typed superset  
of JavaScript”



“Just some types on  
your JavaScript”

“Just so stereotypes on  
your JavaScript”



Typescript is a  
whole new language

Typescript has a  
compiler

```
import * as React from 'react'
```

```
import * as React from 'react'
```

```
type 'string' is not  
assignable to type 'never'
```

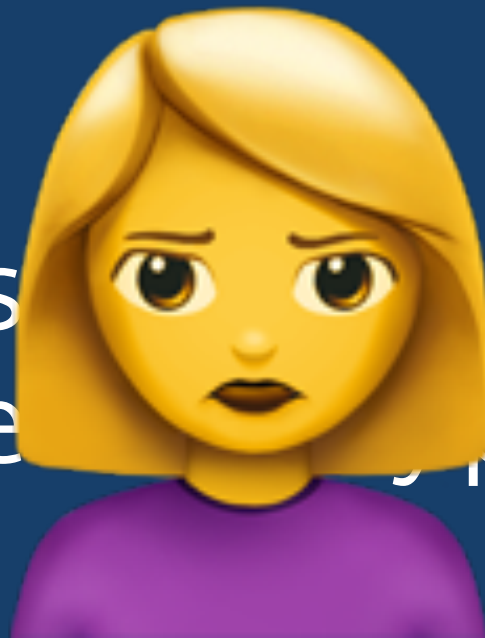
```
import * as React from 'react'
```

```
    type 'string' is not  
assignable to type 'never'
```

```
*.tsx *.d.ts *.map *.js
```

```
import * as React from 'react'
```

```
type 's' is not  
assignable to type 'never'
```



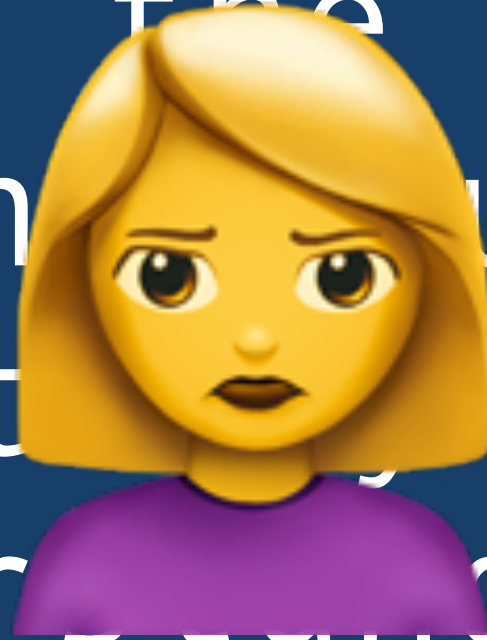
```
*.tsx *.d.ts *.map *.js
```



# Redux

“I think the best way  
to learn Redux is to  
forget trying to  
understand it”

“I think the best way  
to learn Redux is to  
forget everything to  
understand it”



# Unidirectional flow

Unidirectional flow

Lots of specific jargon

Unidirectional flow

Lots of specific jargon

MIDDLEWARE

Unidirectional flow

Lots of s



ic jargon

MIDDLEWARE

# GraphQL



“I use it but I  
don’t get it”

“I feel like I know  
it but I also know  
that I don’t”

*@carolstran*

“It’s like JSON”

“It’s



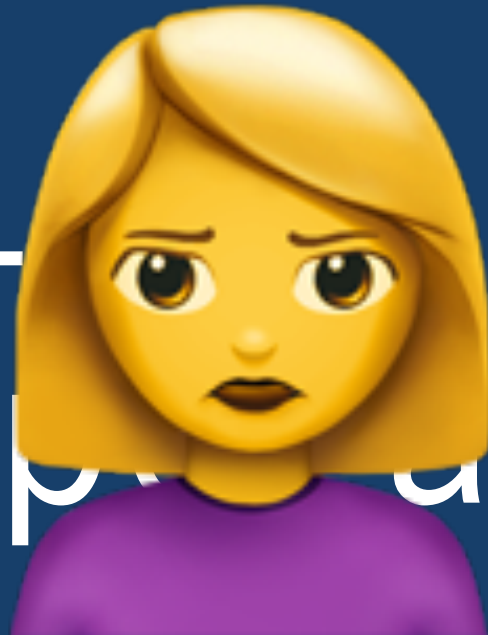
JSON”

“It’s like types”

“It’s 1  types”

“It’s like string  
interpolation”

“It’s a long string  
interpretation”





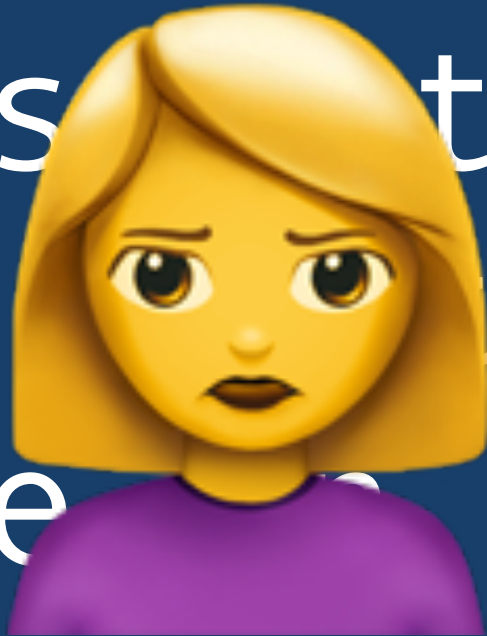
# GraphQL

# Gatsby

“The easiest way to  
make a static  
website in React”

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“The easiest way to  
make automatic  
website React”



# Already know React

Already know React

Already know GraphQL

Already know React

Already know GraphQL

Want a smaller site

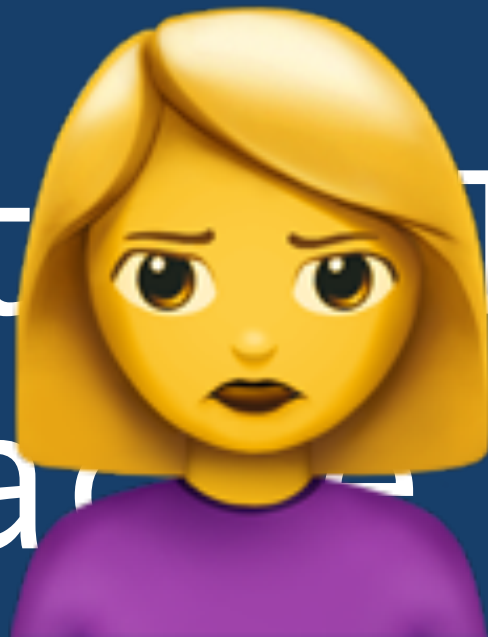
*@carolstran*

Gatsby has a lot  
of magic



Just delete  
the .cache folder

Just delete  
the .cache folder



# Flexbox

*@carolstran*

Flexbox Froggy - A game for learning CSS

https://flexboxfroggy.com

# FLEXBOX FROGGY

Level 1 of 24

Welcome to Flexbox Froggy, a game where you help Froggy and friends by writing CSS code! Guide this frog to the lilypad on the right by using the `justify-content` property, which aligns items horizontally and accepts the following values:

- `flex-start`: Items align to the left side of the container.
- `flex-end`: Items align to the right side of the container.
- `center`: Items align at the center of the container.
- `space-between`: Items display with equal spacing between them.
- `space-around`: Items display with equal spacing around them.

For example, `justify-content: flex-end;` will move the frog to the right.

```
1 #pond {
2   display: flex;
3   _____
4 }
5
6
7
8
9
10
```

Next

SPONSOR

Hotjar – See how your visitors are really using your website.

Flexbox Froggy is created by Codepip • GitHub • Twitter • Settings

Want to learn CSS grid? Play [Grid Garden](#).

Read staticxx.facebook.com

align-items

align-items  
align-content

align-items

align-content

justify-content

align-items

align-content

justify-content

flex-wrap



align-items

align-content

justify-content

flex-wrap

flex-flow

align-items

align-content

justify-content

flex-wrap

flex-flow

flex-direction

align-items

align-content

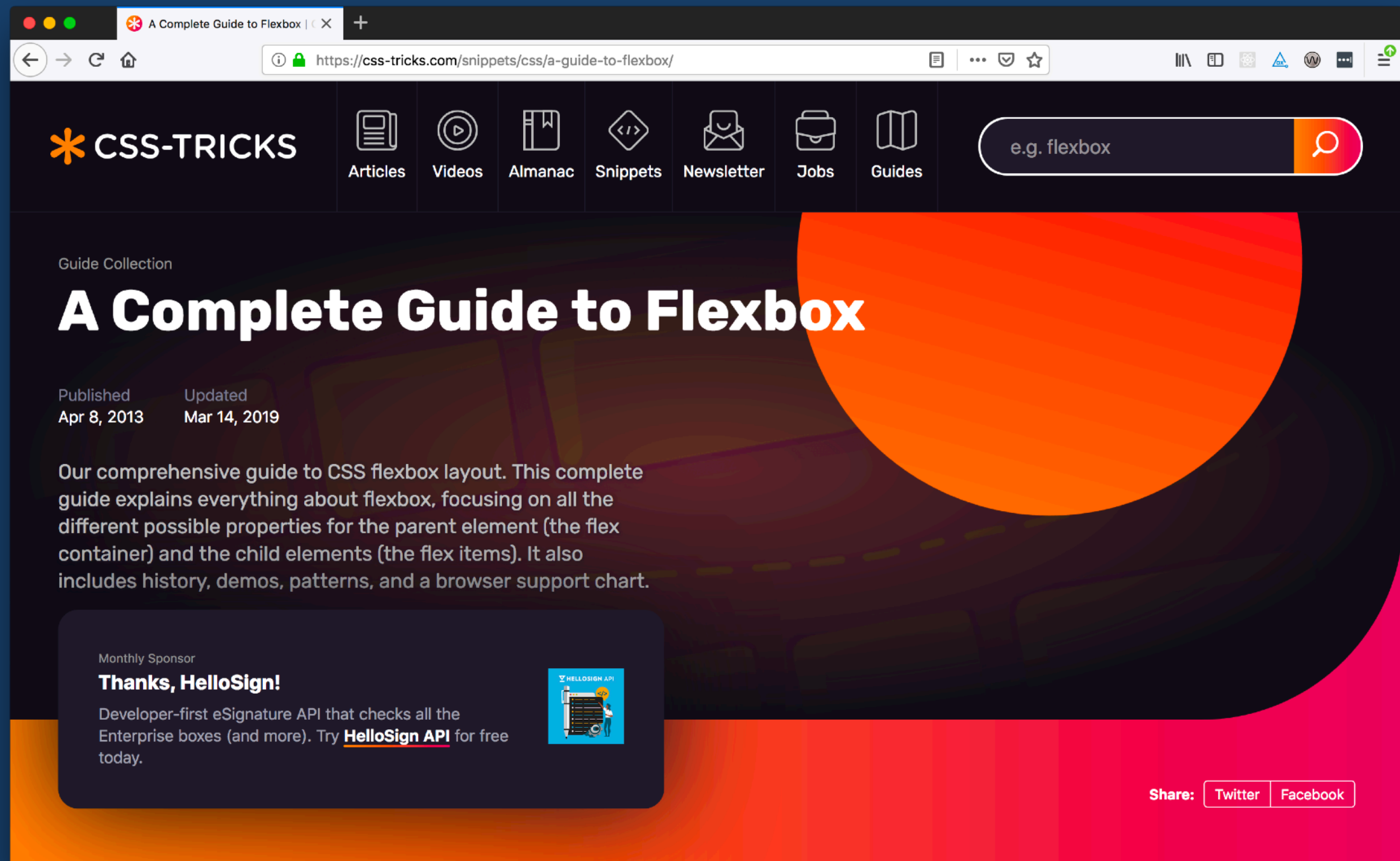
justify-content

flex-wrap

flex-flow

flex-direction





*bit.ly/complete-flexbox-guide*

*@carolstran*

You're not alone

*@carolstran*

# React



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*@carolstran*





*@carolstran*

“We mistake  
familiarity for  
simplicity”



*@carolstran*







*@carolstran*

“We mistake  
familiarity for  
simplicity”







*@carolstran*

# Spiral of silence

*[bit.ly/spiral-of-silence-noelle](https://bit.ly/spiral-of-silence-noelle)*

*Elisabeth Noelle-Neumann*



*[bit.ly/spiral-of-silence-noelle](https://bit.ly/spiral-of-silence-noelle)*

*Elisabeth Noelle-Neumann*

“The assessment of one’s  
social environment may  
not always correlate  
with reality”



*@carolstran*

# Increased Empathy

Empathy matters  
more in education

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Empathy requires  
humility





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Take ownership of the  
communities we're in

*@carolstran*



*@carolstran*



*@carolstran*



*@carolstran*

Start an internal  
mentorship program

*@carolstran*

Someone you admire

Someone you admire

Someone you feel  
comfortable with



Someone you admire

Someone you feel  
comfortable with

NOT YOUR MANAGER



*@carolstran*

Try out empathy-  
driven teaching

*@carolstran*

Relate your own  
experiences

*@carolstran*

I can see that  
you feel...

I have felt  
that way when...

What I have  
found is that...

Ban words like  
"easy" from your  
vocabulary



Be specific

# Be comparative

Be absolute

Show, don't tell

Deconstruct  
your biases

Keep a learning  
journal

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*@carolstran*

Just because you  
understand something  
doesn't mean that  
everyone else will too

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People learn at  
different rates



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*@carolstran*

Brains are  
weird

Everyone is a beginner  
at some point

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It's ok that  
things are hard

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Programming  
is hard

“By saying something is easy, you remove the accomplishment of learning something as it was always supposed to be easy.

And learning something is always an accomplishment”

*@ThisIsJoFrank*