



@tejaskumar\_

# Tejas

Like *“contagious”*

@tejaskumar\_



in Berlin, Germany 🇩🇪

@tejaskumar\_



@tejaskumar\_



11:29 ↗



**Fabien Bernard** ● ▾



**Fabien Bernard** 11:01 AM

^^

You should comeback to the office, I bake a banana cake this morning 🍰



**Tejas Kumar** 🔬 11:28 AM

Please don't make me jealous

Also please save some for me 😍

I missed French baking 😭



**Fabien Bernard** 11:28 AM

I will bake a new one just for you 😊



**Tejas Kumar** 🔬 11:28 AM

DREAM

TEAM



@tejaskumar\_

**TYPESCRIPT**

**@tejaskumar\_**



**the decaf guy**

@TejasKumar\_



Replying to [@ndm\\_haskell](#)

I use React + TypeScript daily and have never looked back. It is so enjoyable.

12:25 PM - 8 Sep 2018



@tejaskumar\_



**JavaScript Joe**

@jsjoeio

Following



Safe to say it was a huge successful 🙌🙌

@TejasKumar\_ is a phenomenal teacher. He walked me through everything and we ended up migrating the majority of the codebase to @typescriptlang within about 3 hours 😁😁😁

I am now a fan of TypeScript!

**JavaScript Joe** @jsjoeio

Join @TejasKumar\_ and I where we're going to learn how to add @typescriptlang to a @gatsbyjs project [twitter.com/TejasKumar\\_/st...](https://twitter.com/TejasKumar_/status/1106444444444444444)

9:24 PM - 30 Mar 2019

3 Retweets 26 Likes



3



3



26



@tejaskumar\_





**Ricky at React** 🇫🇮

@rickhanlonii



Something about typescript

12:29 AM · Apr 26, 2019 · [Twitter for iPhone](#)

**13** Likes

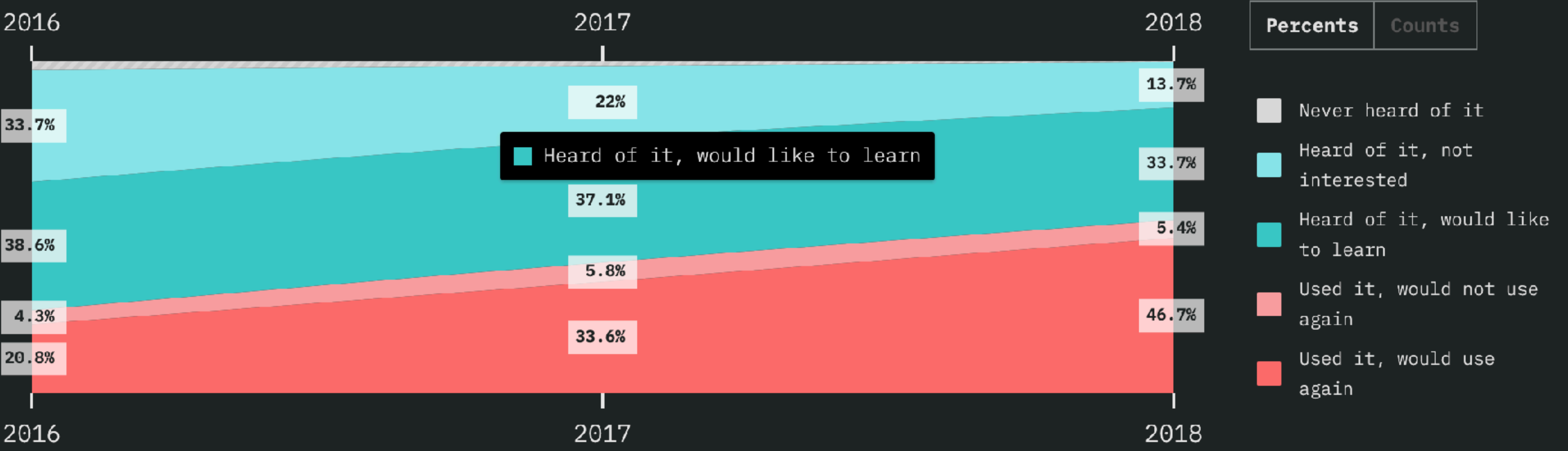


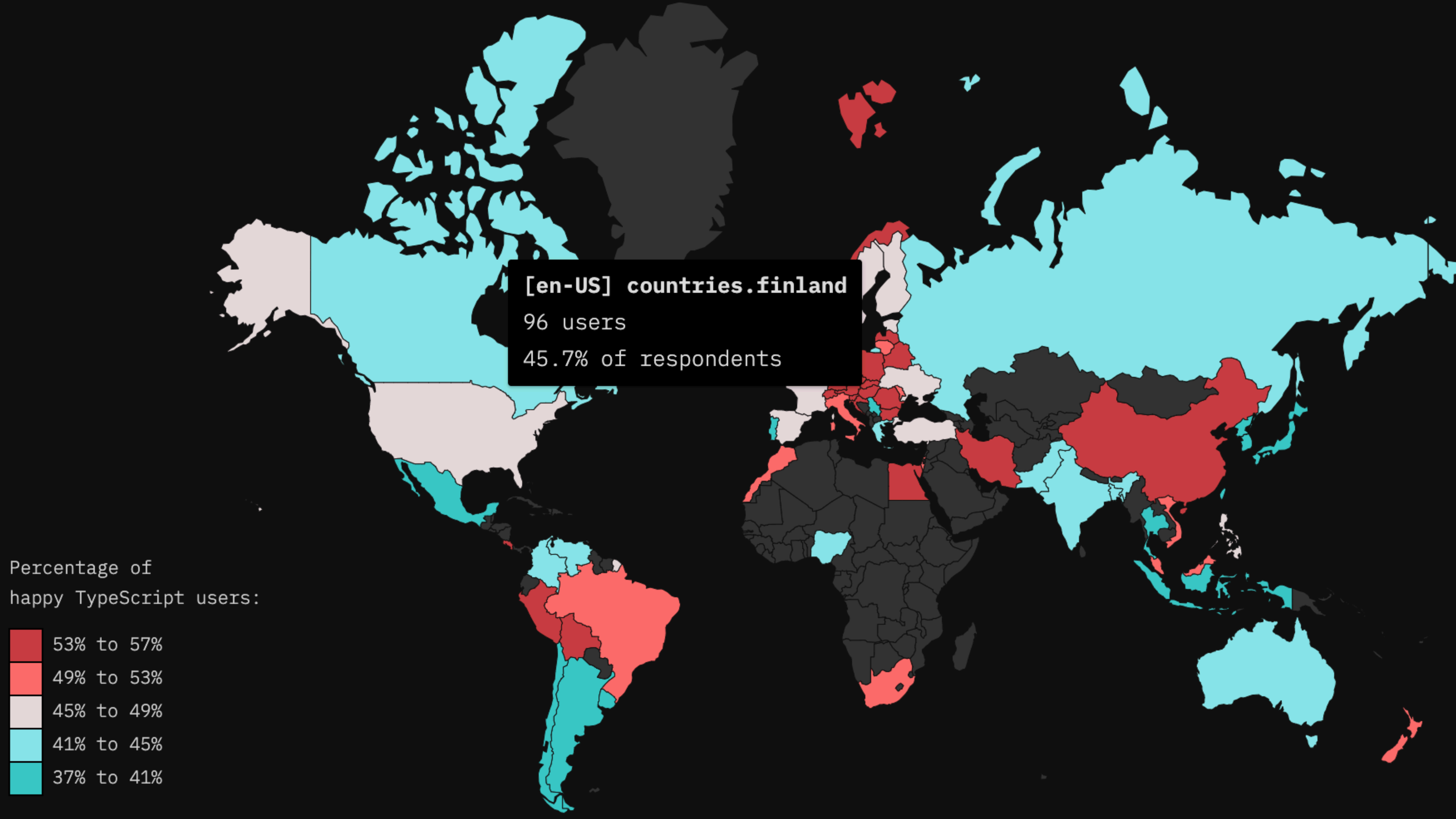
# TYPESCRIPT

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# TypeScript's Popularity Over Time

Share





# Why?





Contracts



Confidence



Scale

# Why TypeScript?

# Why TypeScript?



Contracts



Confidence



Scale



# Demo

# DESIGN SYSTEMS

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PASQUALE



@pasql

Follow



Design systems apocalypse the movie:

The year is 2022. A world without design systems. 98% of the population is unemployed. Everything is falling apart, but one guy has the idea to use the same button in three places again, writes a medium article, and saves the world.

5:02 PM - 5 Apr 2019 from [Brooklyn, NY](#)

22 Retweets 180 Likes



10



22



180



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**InVision**   
@InVisionApp

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The secret to connecting designers and  
developers? Design systems 🙌

[invs.io/2VLS1aW](https://invs.io/2VLS1aW)

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# DESIGN SYSTEMS

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Salesforce Lightning Bulb Shopify Polaris

# DESIGN SYSTEMS

Backpack Kendo UI WeWork Plasma Aurora

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Ant Design   Operational UI   Kiwi Orbit  
Salesforce Lightning   Bulb   Shopify Polaris

# DESIGN SYSTEMS

Backpack   Kendo UI   WeWork Plasma   Aurora  
Blueprint   Precise UI   Material Design   SAP OpenUI

**@tejaskumar\_**

# DESIGN SYSTEMS

IBM Carbon

Audi UI Kit

eBay Skin

Ant Design

Operational UI

Kiwi Orbit

Salesforce Lightning

Bulb

Shopify Polaris

Backpack

Kendo UI

WeWork Plasma

Aurora

Blueprint

Precise UI

Material Design

SAP OpenUI

Trello Nachos

Semantic UI

Pusher Chameleon

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# DESIGN SYSTEMS

CBRE Blocks  
Purple3  
Primer  
Reach UI  
IBM Carbon  
Aragon UI  
eBay Skin  
Audi UI Kit  
Ant Design  
Operational UI  
Kiwi Orbit  
Salesforce Lightning  
Bulb  
Shopify Polaris  
Backpack  
Kendo UI  
WeWork Plasma  
Aurora  
Blueprint  
Precise UI  
Material Design  
SAP OpenUI  
Trello Nachos  
Semantic UI  
Pusher Chameleon  
Office UI Fabric  
Elastic UI  
Base UI

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# Why?





Contracts



Confidence



Scale

# Why Design Systems?

# Why Design Systems?

 Contracts

 Confidence

 Scale

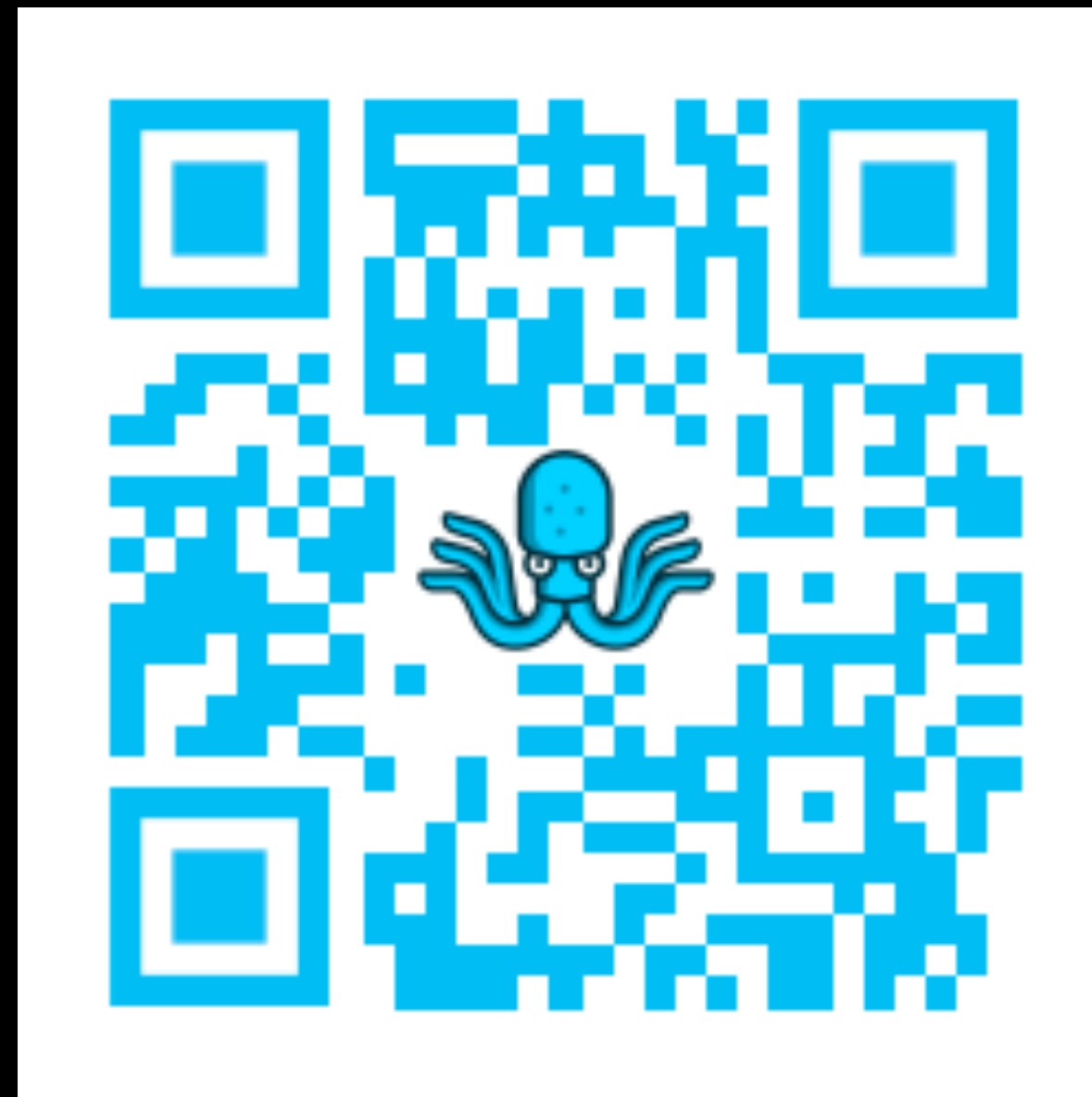




# OPERATIONAL

# react-styleguidist

[github.com / styleguidist / react-styleguidist](https://github.com/styleguidist/react-styleguidist)



@tejaskumar\_



  @iamsapegin

Thank you for `react-styleguidist`

@tejaskumar\_



## STYLEGUIDE



TypeScript First



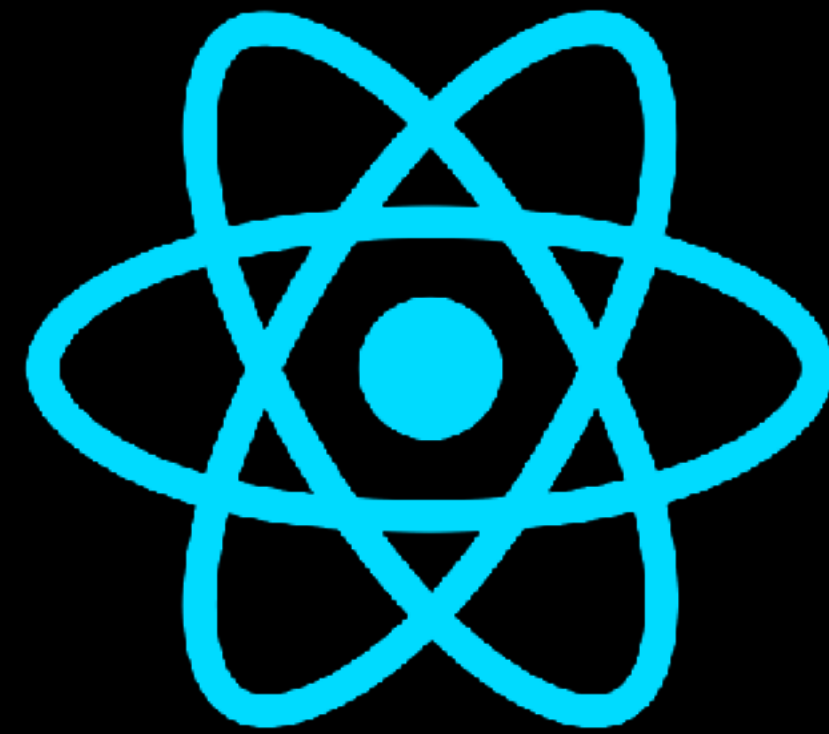
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Monaco



Monaco Editor



React

# Demo



# Takeaways

# Takeaways

- **Static Type Analysis is Valuable** 🤝 ✍️ 📈
- **Working with Monaco**
  - Run workers in separate threads
  - Inject type declarations at run time
- **Working with Hooks**
  - Pass mutable references via `useRef`

# Takeaways

- Learning === Hacks
- `makeItWork()`
  - `.then(makeItRight)`
  - `.then(makeItFast)`
- `!(one tool for all)`
- Docs Contributions are Contributions

# Thank You

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