

Exploring TypeScript

What is TypeScript?

3



#1 Superset of JavaScript

#2 Optional Static Typing



#3 Features from the Future

ES6, ES7, ES++

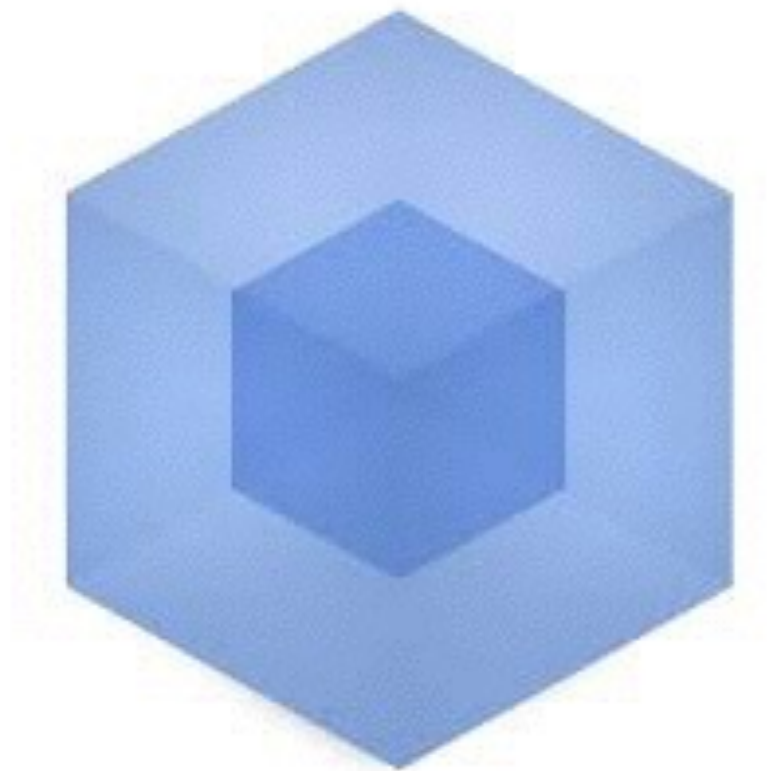
Open Source Project

<https://github.com/Microsoft/TypeScript>

Tooling

Use the Editor of Your Choice

Use the Build Tool of Your Choice



Installing TypeScript

```
npm install -g typescript
```

```
npm install -g typescript@rc
```

```
npm install -g typescript@beta
```

```
npm install -g typescript@next
```

Demos

And lots more...

ES++ Support (Async/Await)

Modules

Compiler Configuration

Decorators (Angular 2)

React Support

Wrap Up

Should I Use TypeScript?

TypeScript is Just a Tool

Increased Productivity =
Happier Developers

Higher Quality Solutions =
Happier Users

Resources

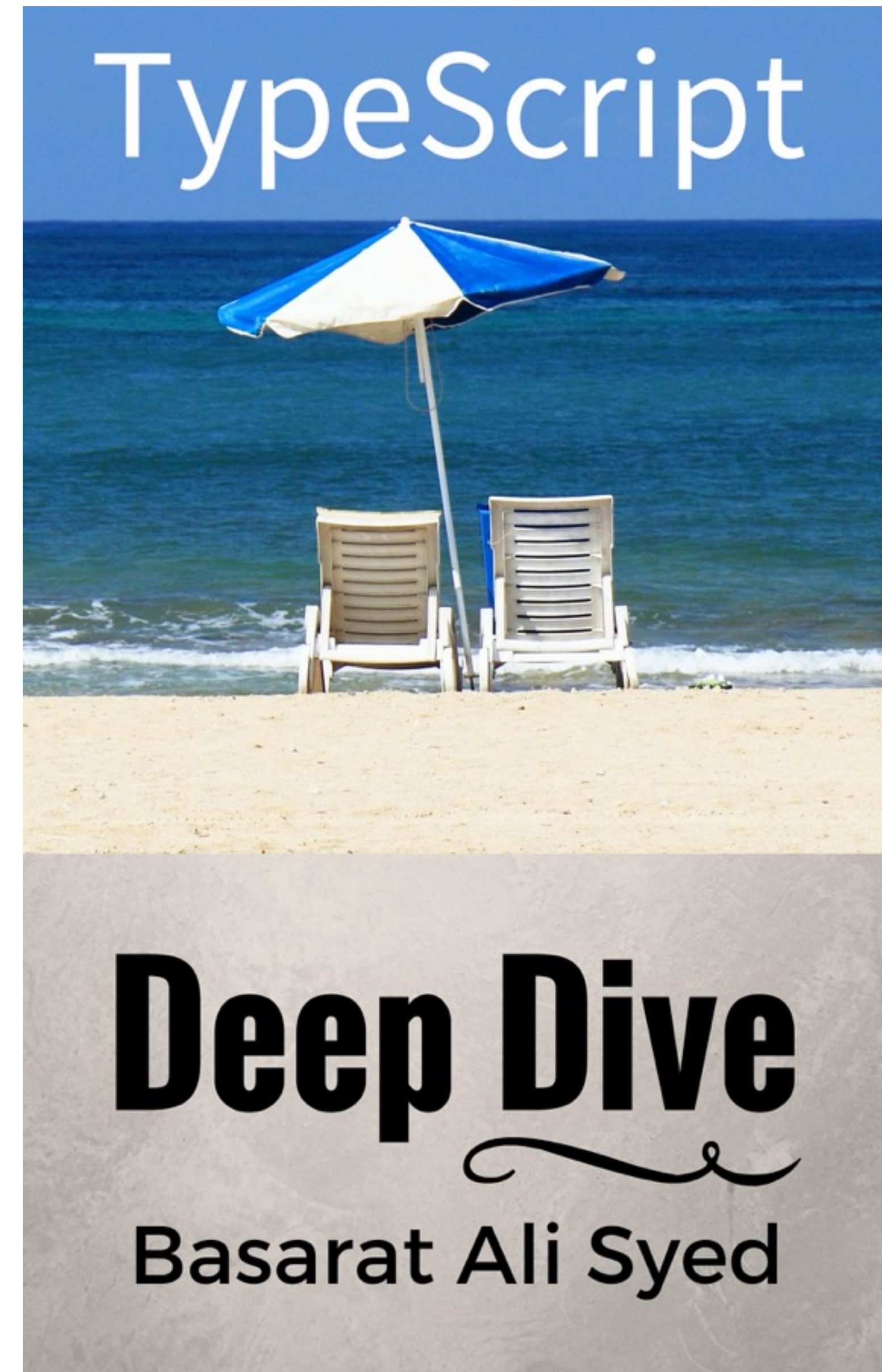


Official TypeScript Site

<http://www.typescriptlang.org/>

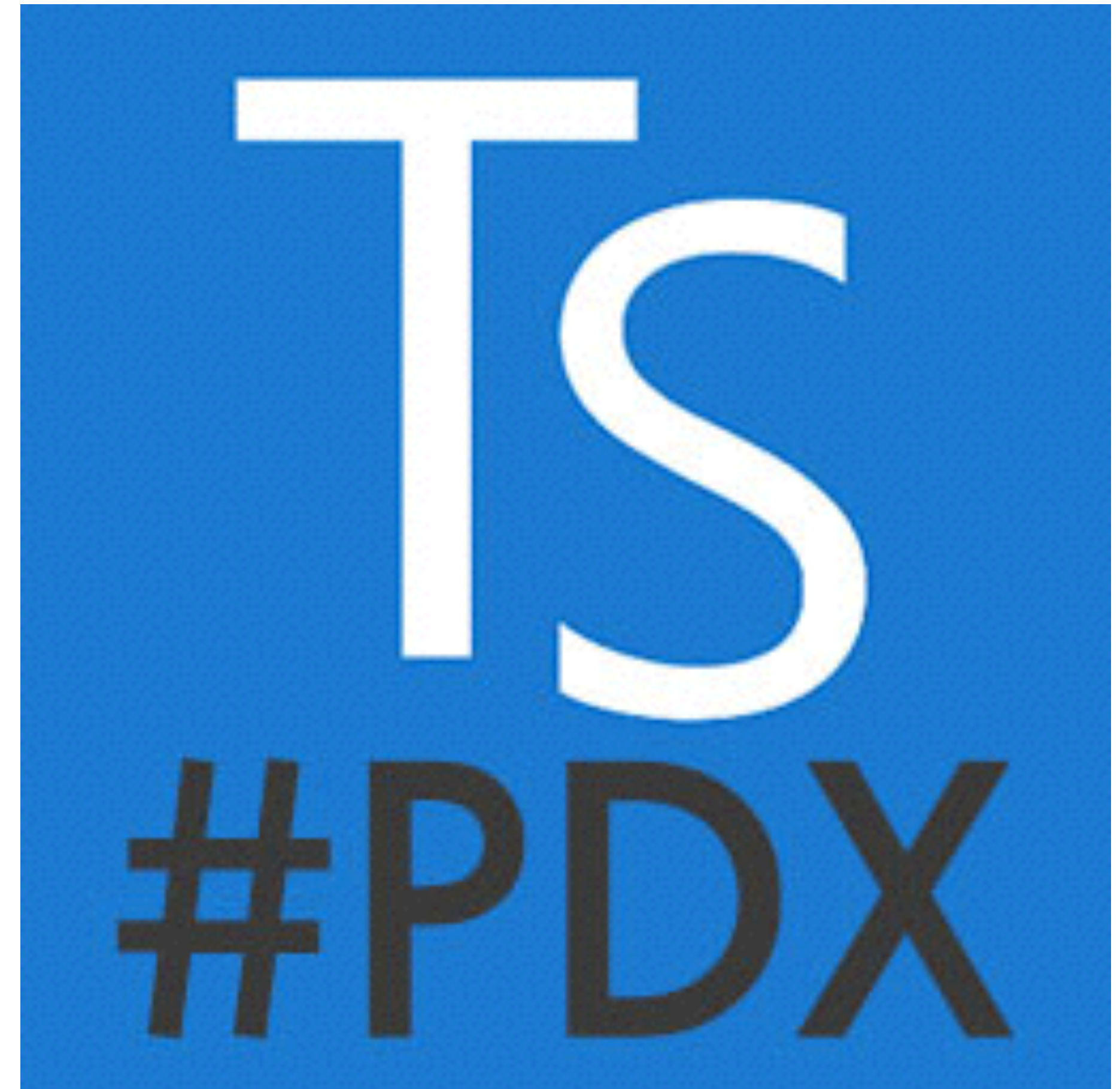
Free Book!

<http://basarat.gitbooks.io/typescript/>



Portland TypeScript Meetup

<http://typescriptrpdx.com/>



Thanks!

James Churchill

Treehouse: <https://teamtreehouse.com/jameschurchill>

Twitter: @SmashDev

GitHub: smashdevcode

<https://github.com/smashdevcode/typescriptpdx-exploring-typescript>