

The Latest on TypeScript

Just a few questions...

Introduction to TypeScript

Language Overview

Language Overview Demos

Using GitHub's Atom Editor

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>

Anders Hejlsberg

Turbo Pascal, Delphi, C#





ng-conf



Angular 2 & TypeScript

Tooling

Use the Editor of Your Choice



Installing TypeScript

```
npm install -g typescript
```

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

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

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

Language Features

More Demos

Using Microsoft's Visual Studio Code

Setup

Data Typing and Code Analysis

Classes

ES++ Support

Modules

Compiler Configuration

Decorators

React Support

Setup

Data Typing and Code Analysis

Classes

ES++ Support

~~Modules~~

~~Compiler Configuration~~

Decorators

React Support

Setup

~~Demo: Installation~~

Demo: Type Acquisition

Data Typing and Code Analysis

Demo: Strict Null Checking

Demo: Type Analysis

Demo: Maintaining Clean Code

Demo: Type Enhancements

Classes

Demo: Class Improvements

ES++ Support

Demo: Async/Await

~~Modules~~

~~Demo: Module Declaration Improvements~~

~~Compiler Configuration~~

~~Demo: New Compiler Options~~

Decorators

Demo: Custom Decorators

Demo: Components in Angular 2

React Support

Demo: React & TypeScript

Just get on with it already!

Wrap Up



Roadmap

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

Why Should I Care?

TypeScript is Just a Tool

Increased Productivity =
Happier Developers

Higher Quality Solutions =
Happier Users

Learn JavaScript

A large yellow square containing the text 'ES6' in a bold, dark blue, sans-serif font.

ES6

Resources

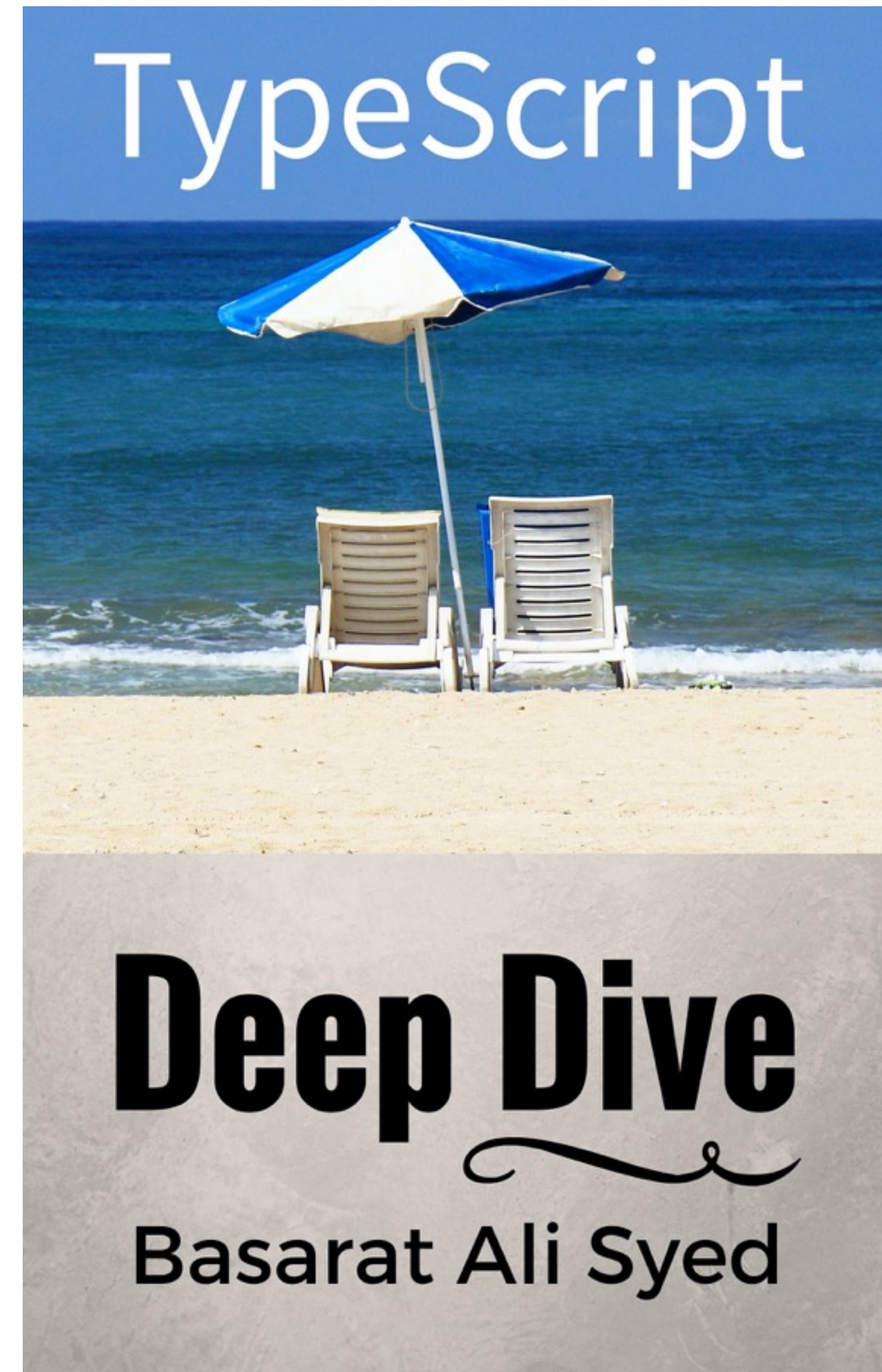


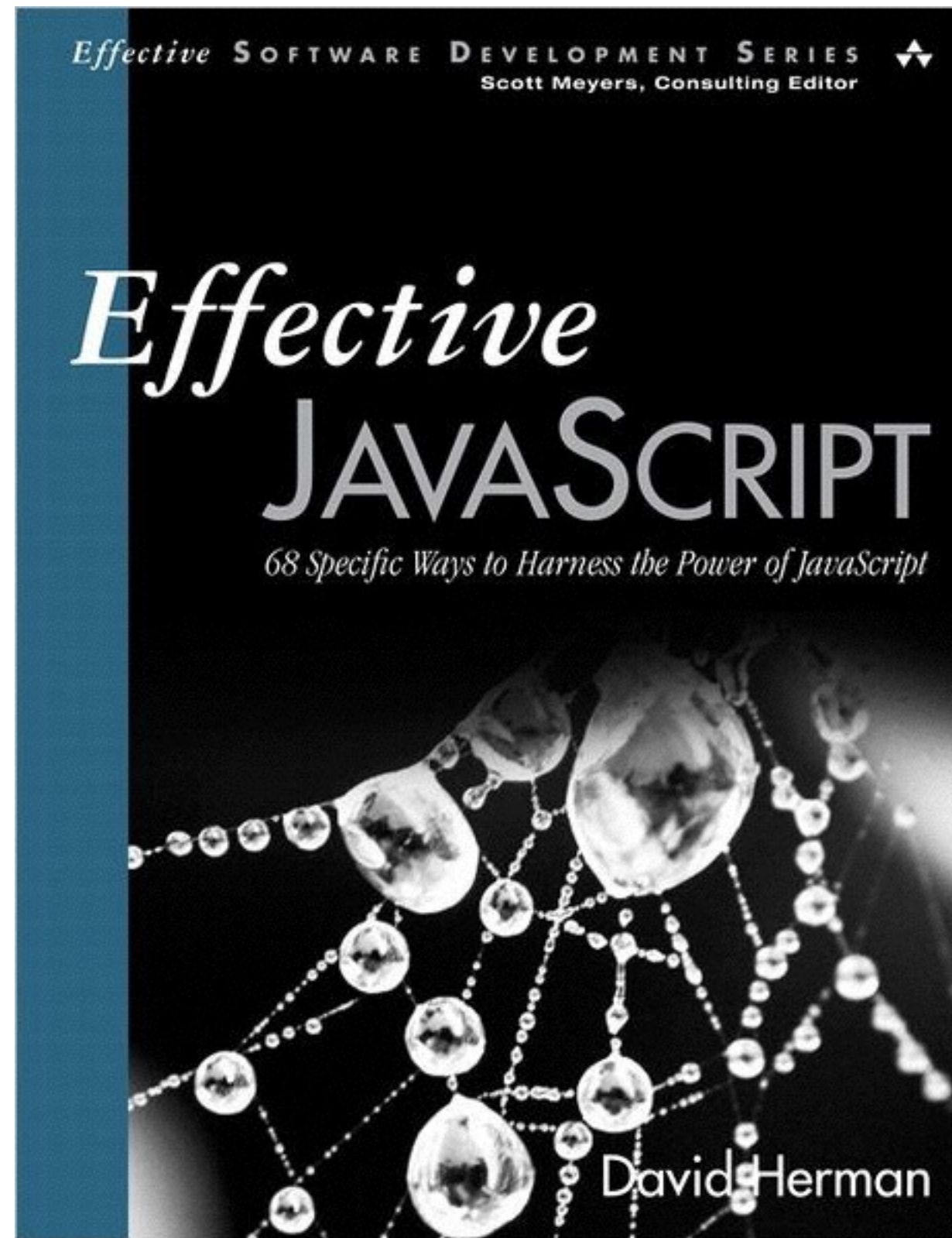
Official TypeScript Site

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

Free Book!

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

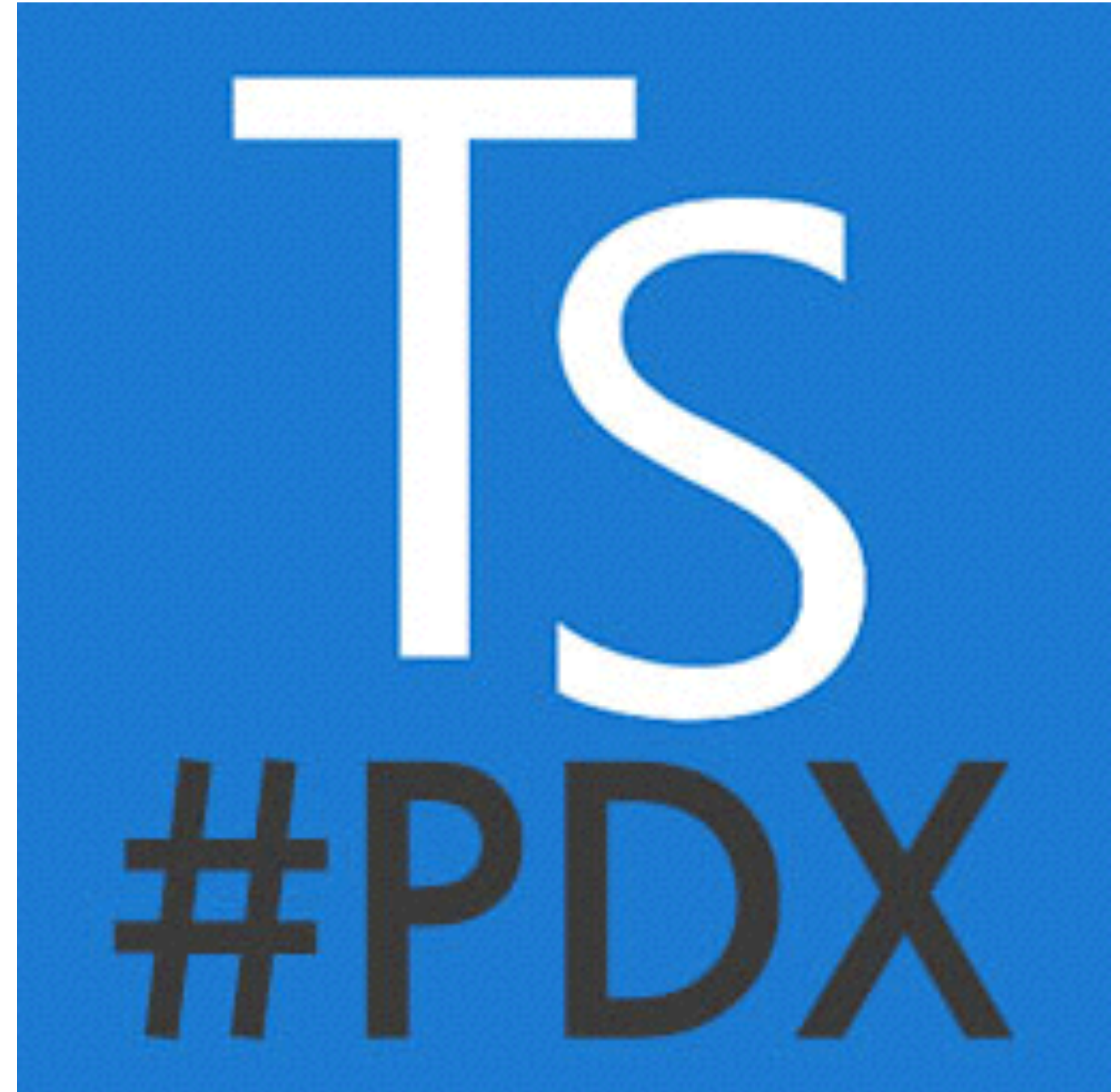




Portland Community

Portland TypeScript Meetup

<http://typescriptrpdx.com/>



TypeScript PDX

typescriptpdx.com

TS

#PDX

Meetup

GitHub

Twitter


About

Blog

RSS

Slack Invitation

Next Meeting: What's New in the TypeScript World




Jonathan Turner, program manager for the TypeScript team, will be joining us to talk about what's new in the TypeScript world. Be sure to not miss this special guest!

RSVP

Date: August 12, 2015 Time: 6:00 PM Location: CSG Pro - 734 NW 14th Ave, Portland, OR 97209


Meeting #4: TypeScript Editor Shootout



Join us for our July meeting where Adron Hall, Ken Howard, James Churchill, and Andrew Chalkley will be presenting a "TypeScript Editor Shootout" talk.

Date: July 15, 2015 Presenters: Ken Howard, James Churchill, Adron Hall, Andrew Chalkley


Meeting #3: Introduction to the TypeScript Toolchain



Join us for our June meeting where John Richter will be presenting "Introduction to the TypeScript Toolchain".

Date: June 11, 2015 Presenter: John Richter [Reference material and slide deck](#)

Meeting #2: Introduction to TypeScript Take Two - Classes,



Edit

#TypeScript

Christopher Supnig

@csupnig

1h

I finally found a way to extend classes in [#typescript](#) and use [#angular](#) filesort! Yeeey :)

Expand

Jeremy Morgan

@JeremyCMorgan

1h

Hey [#Portland](#) area developers, meet me tonight at for a discussion about the latest on [#TypeScript](#) --> [buff.ly/1Dr7AKR](#)

Show Summary

TechWars

@TechWars_io

4h

We compared [#typescript](#) vs [#haxe](#) - see results: [techwars.io/fight/typescri...](#)

Muki Seiler

@muuki88

9h

Really need some time for [#typescript](#) [infoq.com/news/2015/07/t...](#) [#javascript](#) [#es6](#)

Expand

Tim Perry

@pimterry

9h

Another day, another [@DefinitelyTyped](#) PR [github.com/borisyankov/De...](#) Remarkably addictive once you start, and a great way to learn [#TypeScript](#)!

Show Summary

Roland

@RolandOldengarm

17h

Just converted a [#javascript](#) only project to [#TypeScript](#). Found some bugs. Should have done this straightaway, great stuff.

Expand

https://twitter.com/typescriptpdx

Thanks!

James Churchill

Twitter: @SmashDev

GitHub: smashdevcode

<https://github.com/smashdevcode/the-latest-on-typescript-2016>