The Latest on TypeScript

Introduction to TypeScript

Just a few questions...

Language Overview

Language Overview Demos

Using GitHub's Atom Editor

What is TypeScript?



#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#





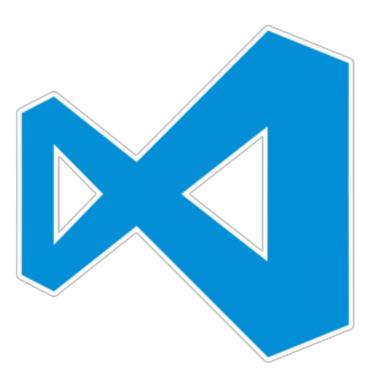


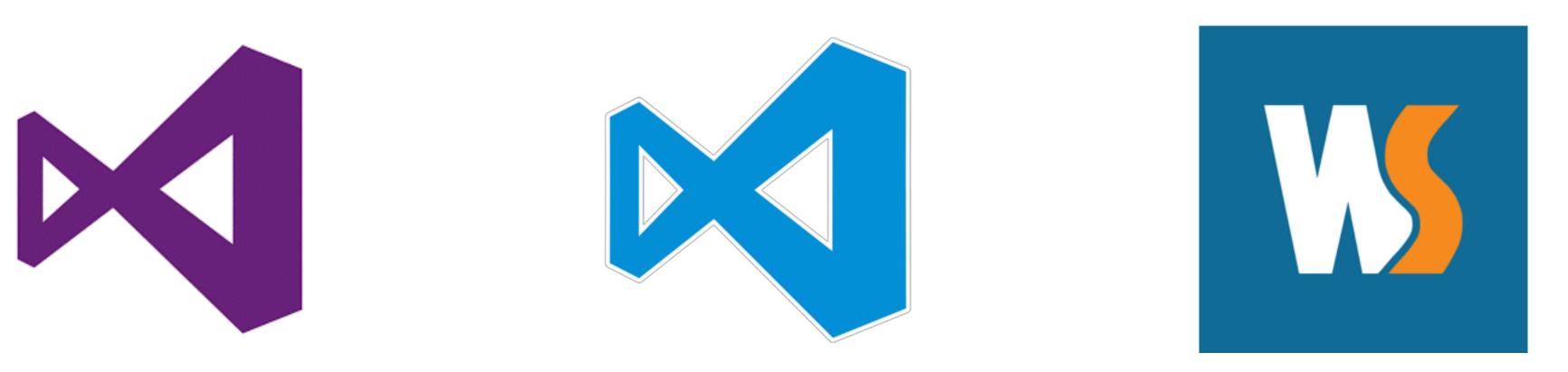
Angular 2 & TypeScript

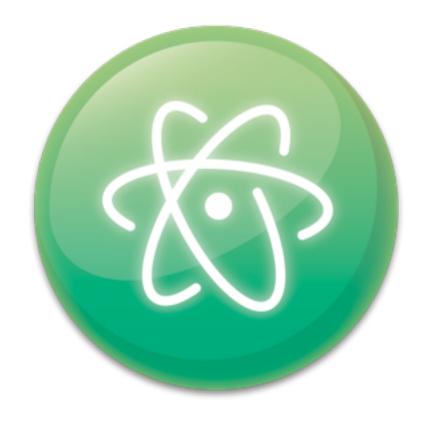
Tooling

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

Hodules

Demo: Module Declaration Improvements

Compiler Configuration

Demo: New Compiler Options

Decorators

Demo: Custom Decorators

Demo: Components in Angular 2

React Support

Demo: React & TypeScript

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



Resources

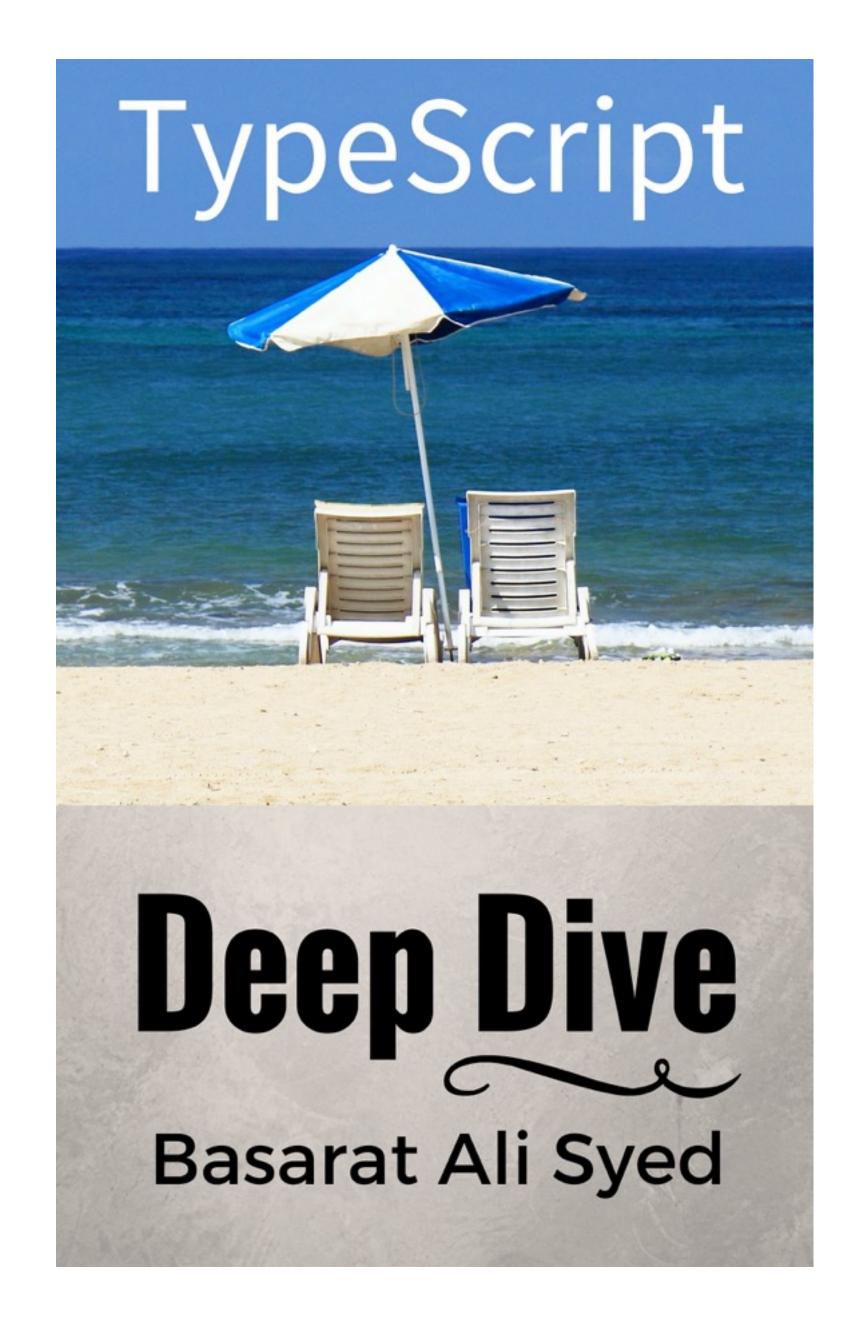


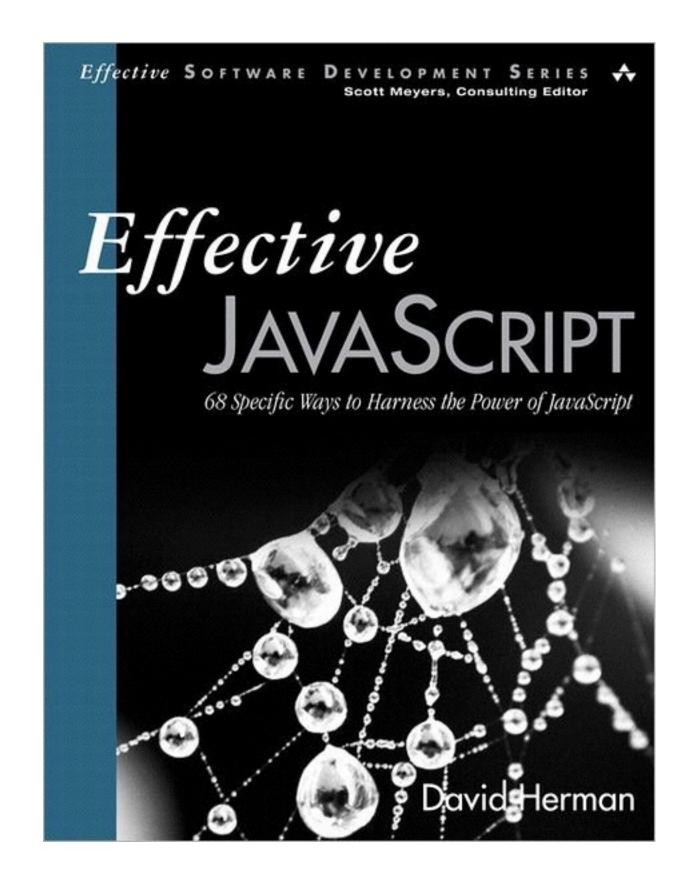
Official TypeScript Site

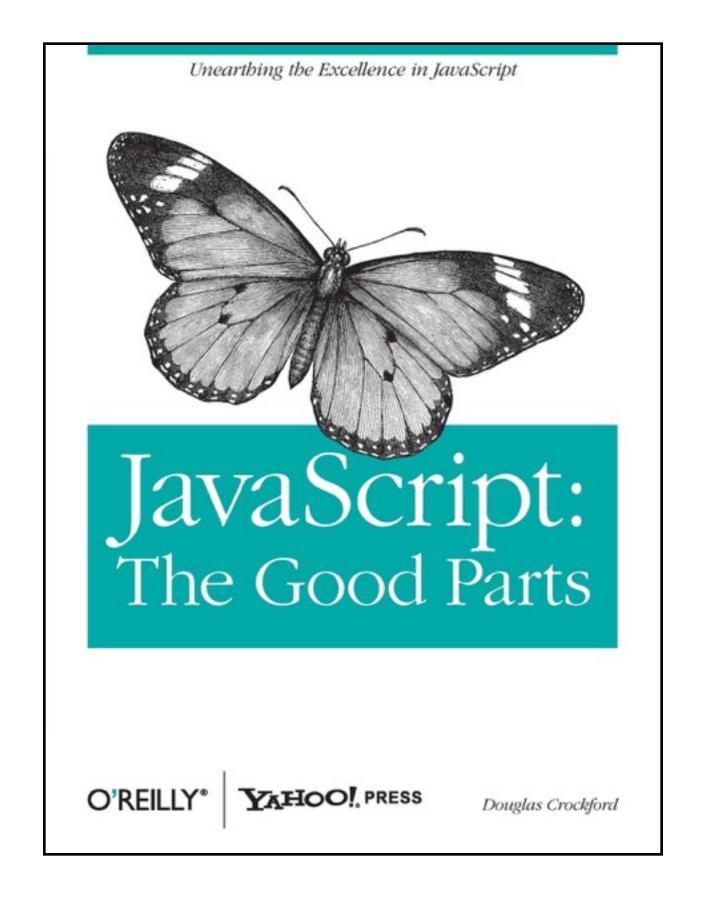
http://www.typescriptlang.org/

Free Book!

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







Portland Community

Portland TypeScript Meetup

http://typescriptpdx.com/









IS TypeScript PDX

typescriptpdx.com













Meetup

GitHub



About

Blog

A 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,

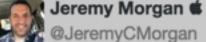
₽ Edit

#TypeScript



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

Expand



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

Show Summary



@TechWars io

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



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

Expand



Another day, another @DefinitelyTyped PR github.com/borisyankov/De....

Remarkably addictive once you start, and a great way to learn #TypeScript!

Show Summary



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

Expand

Thanks!

James Churchill

Twitter: @SmashDev

GitHub: smashdevcode

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