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Southeast Michigan JavaScript

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# Angular 2.0 With Typescript

By Bill Wagner

Feb 10, 2016 at 9:30PM by David Giard

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01:27:17

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Description Share Embed Download

Bill Wagner describes how to build web applications using Angular 2.0 and TypeScript.

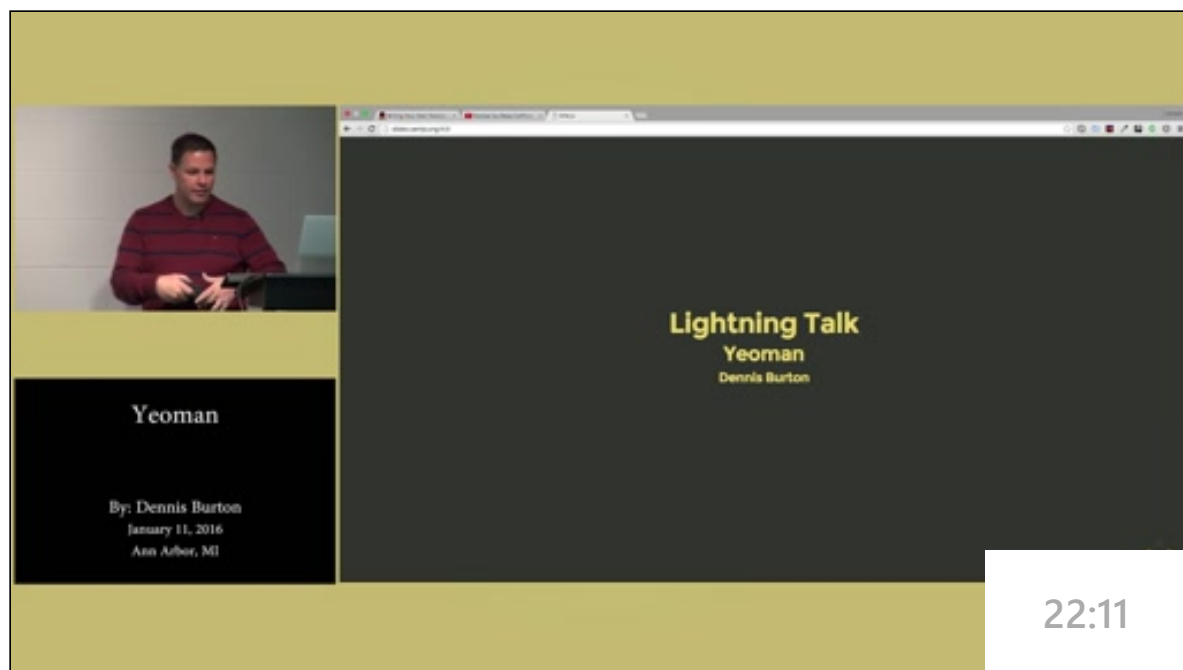
Angular 2.0 will be built using the TypeScript language. It will embrace TypeScript's idioms for working with immersive web experiences in larger applications.

You can get those same benefits by working with TypeScript and Angular together. In this session, you'll learn how Angular and TypeScript work together to create single page applications. You'll see how you can leverage the features of ECMAScript 6, and still support today's browsers. You'll see how adopting TypeScript can be as easy as changing the extensions on your .js files. How you use the TypeScript features is completely in your control.

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tags: [Frameworks](#), [JavaScript](#), [TypeScript](#)

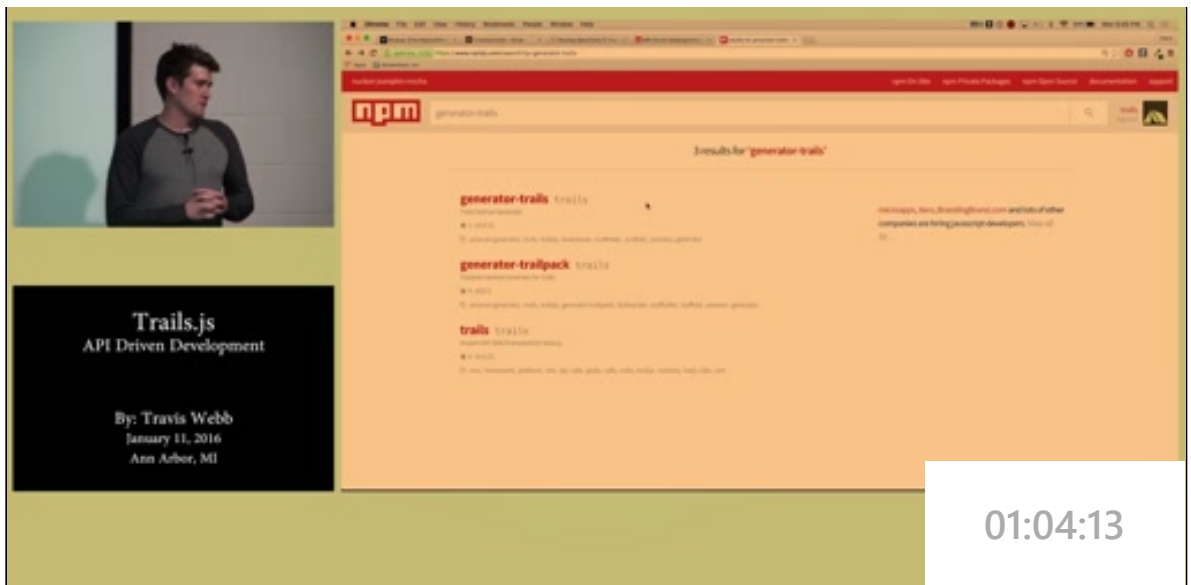
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Trails.js by Travis Webb

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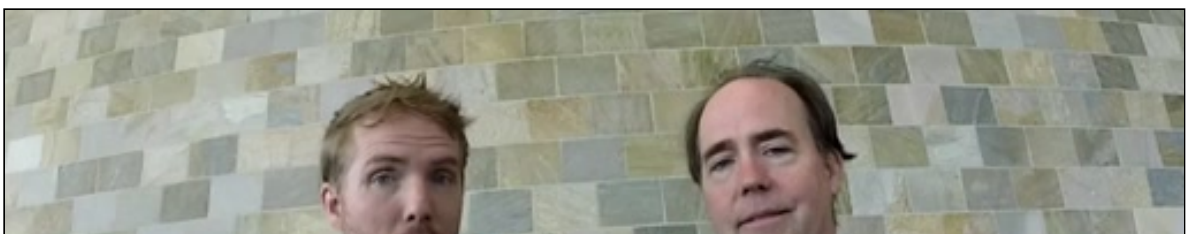
## Five Things

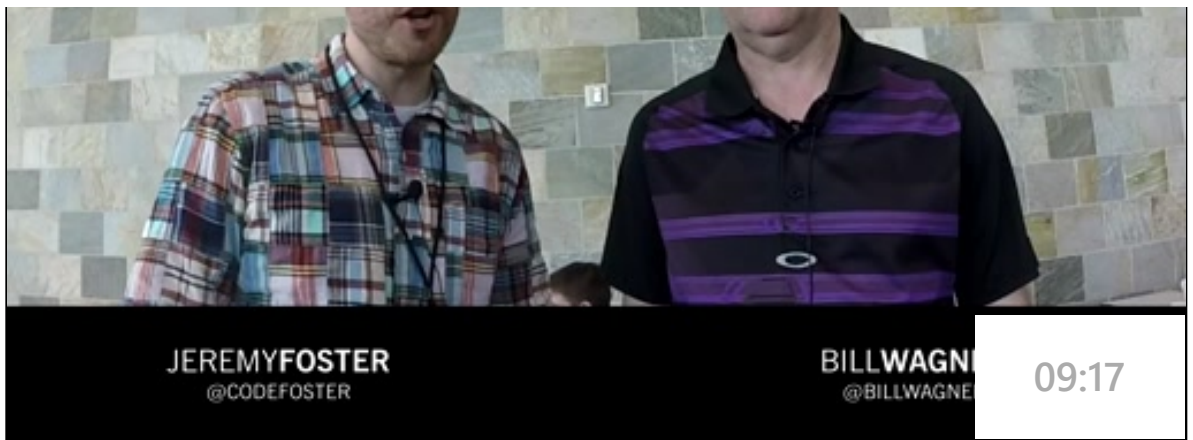
S01 E08: Five Things About Visual Studio Code

The image shows a presentation slide with a yellow background. On the left, there is a small video inset showing a man in a black t-shirt with 'done.js' on it, standing next to a laptop. Below the video, a black box contains the text 'Done.js' and 'By: Justin Meyer, June 13, 2016, Ann Arbor, MI'. The main part of the slide is white and features the 'done.js' logo, which includes a checkered flag icon. Below the logo, the text reads 'Your App. Done' and 'Performance, Usability, Maintainability'. In the bottom right corner, a white box displays the duration '01:20:15'.

## Southeast Michigan JavaScript

Done.js - Your App Done! by Justin Meyer





## CodeChat

CodeChat 061 - Talking TypeScript and Angular 2.0 with Bill Wagner

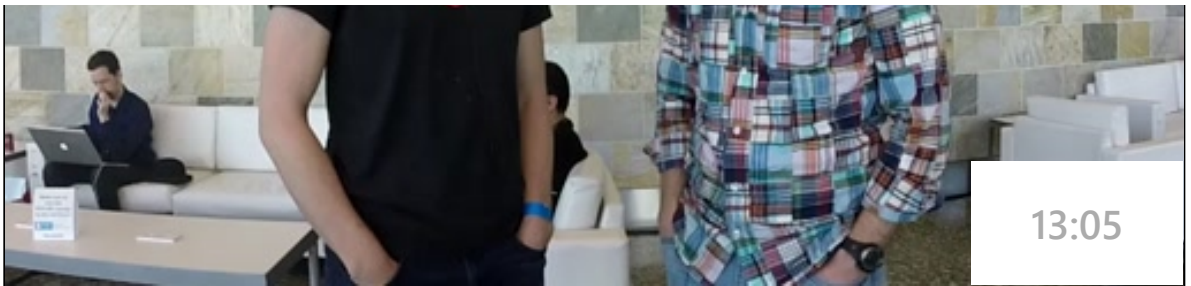


## Seth Juarez

Anders Hejlsberg on TypeScript 2

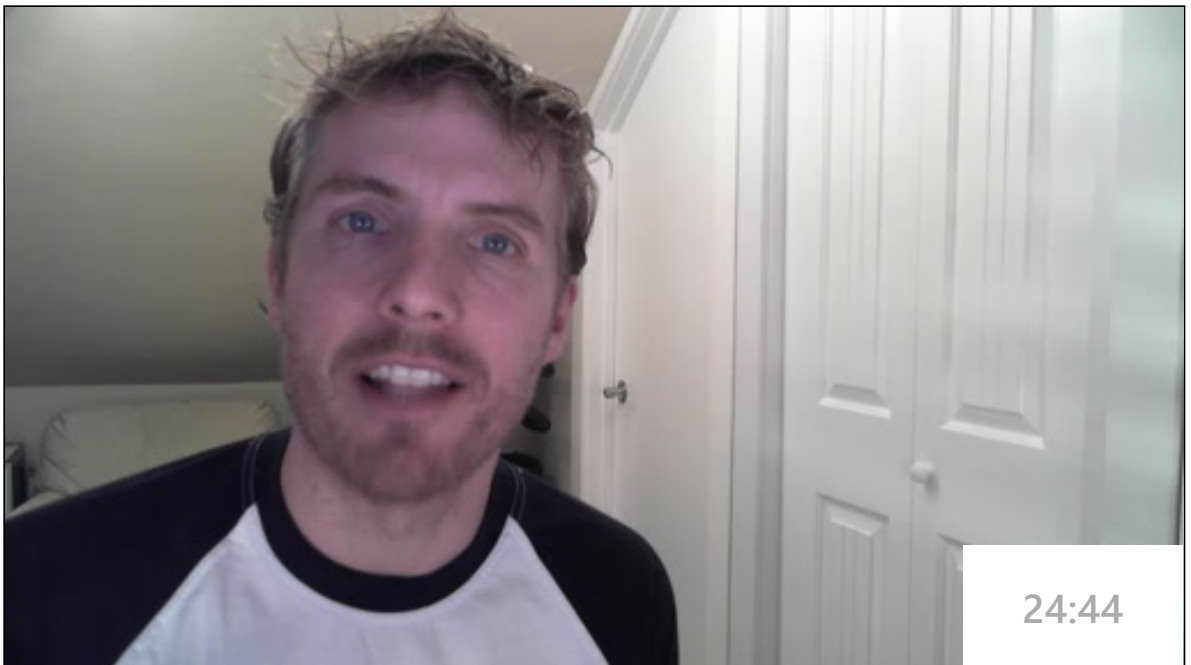






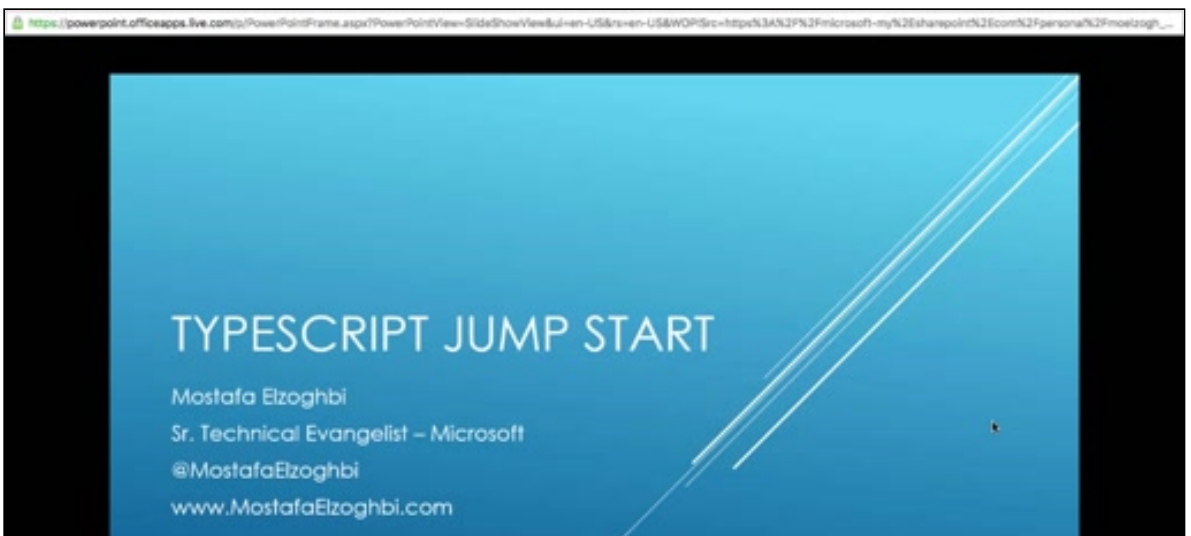
## CodeChat

CodeChat 059 - The State of Angular 2.0 with Brad Green



## Web.Dev

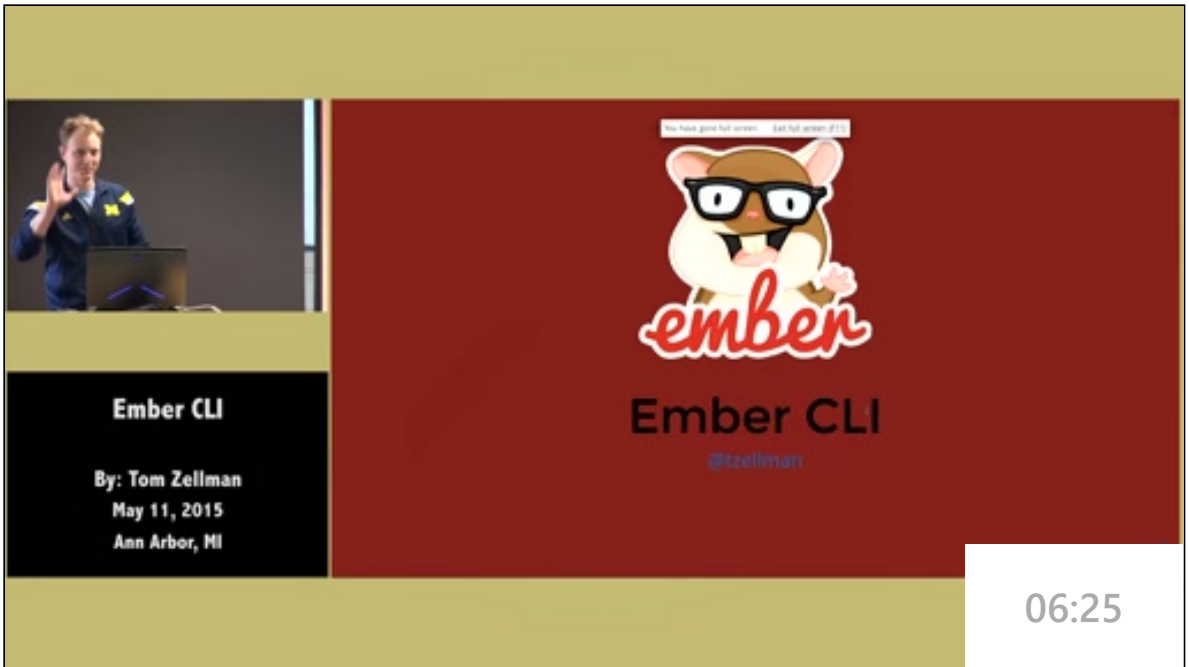
Web.Dev 2: Getting Started with Angular 2.0



30:36

## MostafaElzoghbi

### TypeScript Jump Start



The screenshot shows a presentation slide for Ember CLI. On the left, a small video inset shows Tom Zellman speaking. The main slide has a red background with the Ember logo (a cartoon squirrel wearing glasses) and the text "ember" in a stylized font. Below the logo, it says "Ember CLI" and "@tzeliman". A black box in the bottom left corner contains the text: "Ember CLI", "By: Tom Zellman", "May 11, 2015", and "Ann Arbor, MI". A small text box at the top of the slide says "You have gone full screen. [Esc] full screen [F11]".

Ember CLI

By: Tom Zellman  
May 11, 2015  
Ann Arbor, MI

Ember CLI  
@tzeliman

06:25

## Southeast Michigan JavaScript

### Ember CLI by Tom Zellman



A video frame showing Tom Zellman speaking. He is a man with dark hair, wearing a green t-shirt under a grey zip-up jacket. He is in a dimly lit room with a bookshelf in the background.

05:30

raw tech.

Why use TypeScript instead of just using JavaScript?

## The Discussion

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Dammalapatir

Hi, could someone guide me to a source where I can get step by step instructions on setting up Angular 2 project with Typescript in Visual Studio 2015 Community please.

I have tried finding sources in google but none of the articles that I found could get me started

I am able to run the setup fine in Atom, but I guess I need some extras in visual studio to make it work

Any guidance/suggestions will be much appreciated. Thanks

Last modified [Feb 17, 2016 at 6:09AM](#)



syad

@Dammalapatir:

you don't need anything vs specific, just get some dependencies from npm or bower and a typescript compiler.

may be the below rep from Dan wahlin help you



<https://github.com/DanWahlin/Angular2-JumpStart>

Last modified Feb 17, 2016 at 10:51AM



Pamela Thalacker

@Dammalapatir Source code is here

<https://github.com/BillWagner/TypeScriptAngular2>

Last modified Feb 17, 2016 at 2:53PM



Mithun

@Dammalapatir

Check this out if interested in VS 2015

<http://www.mithunvp.com/angular-2-in-asp-net-5-typescript-visual-studio-2015/>

Last modified Feb 18, 2016 at 8:37AM



BillWagner

The GitHub repo reference contains updates for Angular 2 Beta 1, so there are a few differences from the video and the current code. I will keep updated the repo as new releases are available.

Last modified Feb 22, 2016 at 9:55AM

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