

First Look at Angular 2

The big picture of Angular 2. How you can write apps with it and how your Angular 1 skills translate to it



Streamlined Learning Experience

The screenshot displays the Plunker web IDE interface. On the left, a file explorer shows the project structure with files like `api/characters.json`, `api/vehicles.json`, and `app/app.component.ts`. The main editor area contains TypeScript code for an Angular 2 application. The code defines a `Character` class, a `Vehicle` class, and a `CharacterSolvedComponent` that uses the `@Component` decorator. The component's template URL is `./app/solution/character-solved.component.html` and its style URLs are `['./app/solution/character-solved.component.css']`. The `CharacterSolvedComponent` class has a `character` property of type `Character`, a `color` property, an `isSelected` boolean, a `selectLabel` string, and an array of `vehicles`. The `vehicles` array contains three `Vehicle` objects: `new Vehicle(1, 'Slave 1')`, `new Vehicle(2, 'Imperial Star Destroyer')`, and `new Vehicle(3, 'Escape Pod')`. The `constructor` method initializes the `character` property with a new `Character` object: `this.character = new Character(100, 'Boba Fett', 'dark', 'assets/mc')`. The `select` method takes a `name` string, logs a message, and toggles the `isSelected` property: `select(name: string) { let msg = `You selected ${name}`; console.log(msg); this.isSelected = !this.isSelected; }`. On the right, a live preview shows the rendered application. It features a pink button labeled `SWITCH TO STARTER`, a title `BOBA FETT`, and a form with input fields for `Name` (containing `Boba Fett`) and `Color` (containing `#EEE`). Below the form is a circular image of Boba Fett. A pink button labeled `SELECT` is positioned below the image. At the bottom, a message states: `Your character Boba Fett has these vehicles:`, followed by a list of vehicles: `Slave 1`, `Imperial Star Destroyer`, and `Escape Pod`.

Write code here

See results immediately

TypeScript

We can use ES5, ES2015, or TypeScript to write Angular 2. We will write all code samples with TypeScript.



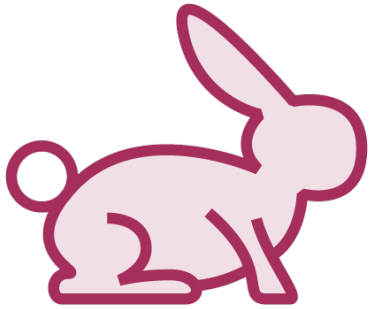
JavaScript Basics



Why Angular 2?



Angular 2



Fast



Powerful



Clean



Easy





iOS

 Internet
Explorer

9, 10, 11 and Edge



4.1+

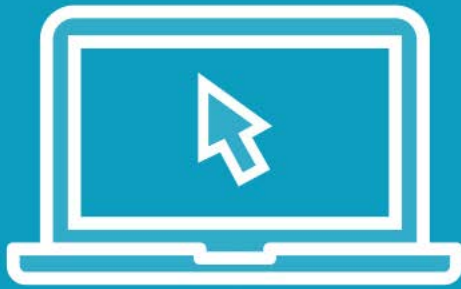


Google AdWords

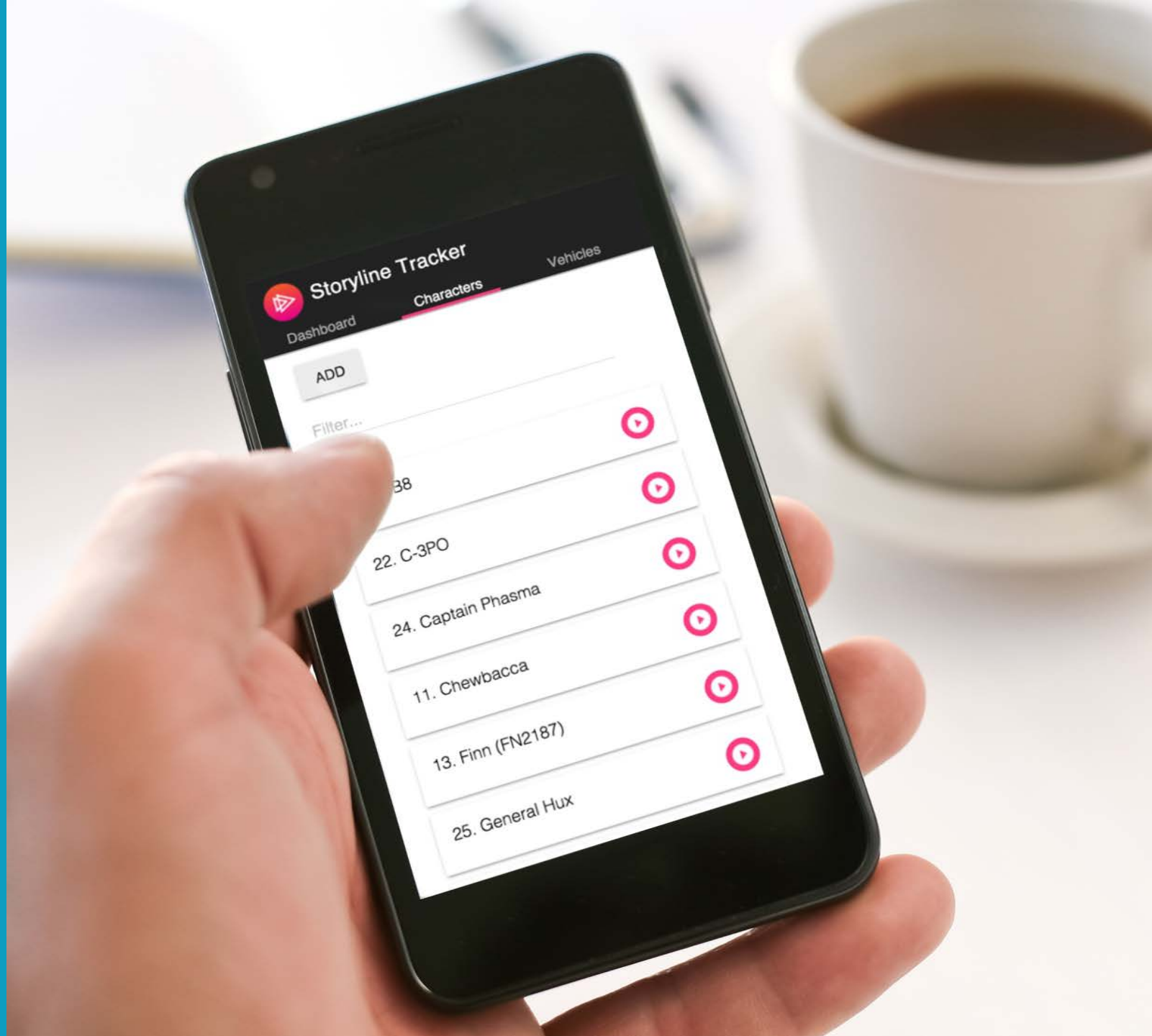
100s of Developers, Millions of lines of code



Demo



Storyline
Tracker



Running the Sample Code



Live Samples on the Web

Code along and run all samples live on the web.

No setup required.

<http://jpapa.me/a2firstlook>



Beyond the First Look

Follow the QuickStart and tutorial on <http://angular.io>

Getting Started and Fundamentals courses on Pluralsight

