

Dive back into Angular 2 and learn how to test components in a new tutorial in our "Test-driven Development with Angular 2 and Webpack" series.

## Introduction

In this article, we'll look at how to unit test components built with Angular 2. Components are the centerpiece of Angular 2. They are the nucleus around which the rest of the framework is built. We'll explore what a component is, why it is important, and how to test it.

## Prerequisites

Before starting this article, it is assumed that you have:

- An understanding of Angular 2,
  - Knowledge of TypeScript and how it relates to JavaScript,
  - An understanding of ES6/ES2015 concepts such as arrow functions, modules, classes, and block-scoped variables,
  - Comprehension of using command line or terminal such as Git Bash, iTerm, or your operating system's built-in terminal,
  - You have Node  $\geq$  v4 and NPM  $\geq$  v3 installed while knowing how to run NPM scripts, and
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- Have a setup capable of unit testing Angular 2 applications. If you need an explanation on how to do so, see the article *Setting Up Angular 2 with Webpack*