



Angular

Facundo Goyena - 2019

The Angular logo graphic, consisting of two overlapping right-angled triangles. The front triangle is blue and the back triangle is light green, both pointing towards the bottom right.

Angular

Angular is a platform that makes it easy to build applications with the web. Angular combines declarative templates, dependency injection, end to end tooling, and integrated best practices to solve development challenges. Angular empowers developers to build applications that live on the web, mobile, or the desktop

Angular.io

Tecnologías y herramientas





Historia

- AngularJS / Angular 1
- Angular 2
 - Se comenzó de cero
 - Es parcialmente compatible con AngularJS
- Angular 3
 - Versión descartada
- Angular 4+
 - Compatible con Angular 2
 - Agrega funcionalidad

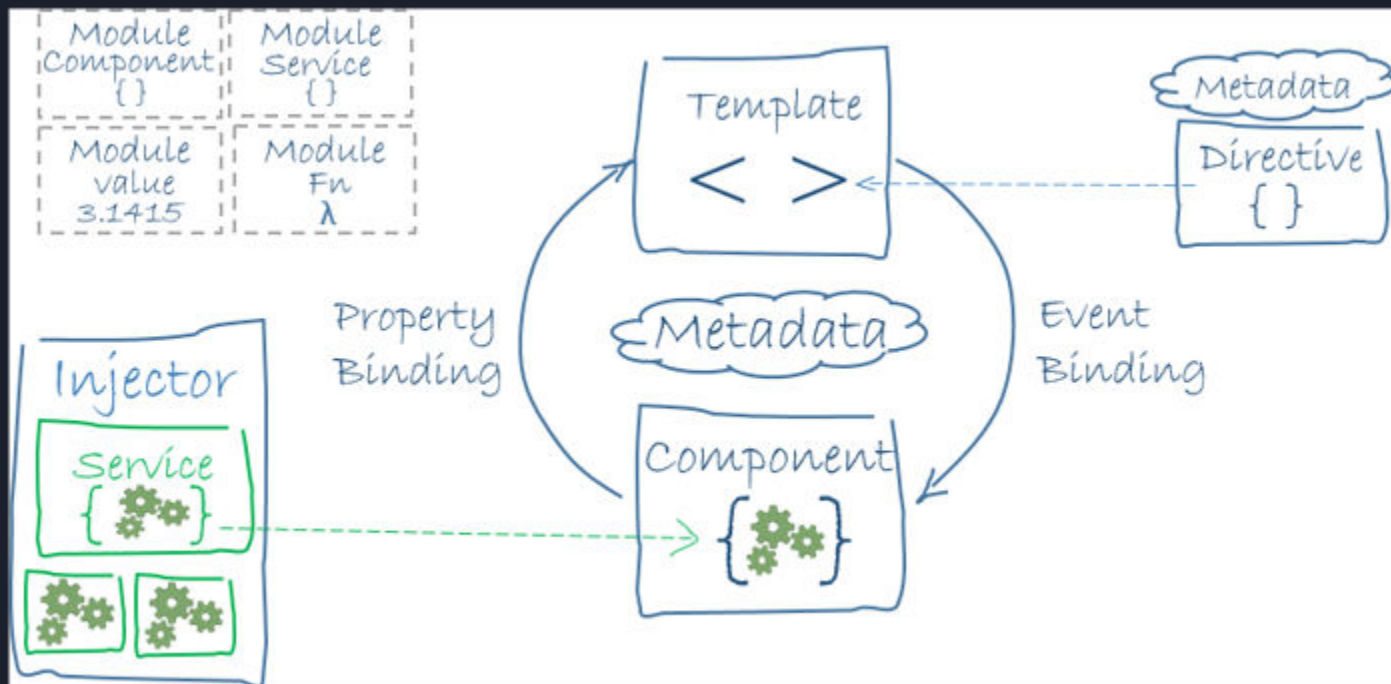


Conceptos

- Modules
- Components
- Services
- Routing
- Testing
- Build Tools
- Data Binding
- Templating
- HTTP Module
- Observables
- Reactive Forms
- Directives
- Pipes
- Events

<https://angular.io/guide/cheatsheet>

Structure



**I HAVE NO
IDEA WHAT
I'M DOING**



Modules

- Un módulo es una clase con `@NgModule`
- Toda aplicación tiene al menos 1 módulo
- Sirve para encapsular funcionalidad



Module Declaration

```
import { NgModule }      from '@angular/core';
import { BrowserModule } from '@angular/platform-browser';

import { AppComponent } from './app.component';

@NgModule({
  imports: [
    BrowserModule,
    FormsModule
  ],
  declarations: [
    AppComponent
  ],
  bootstrap: [ AppComponent ]
})
export class AppModule { }
```

Decorador

Modulos a importar

Declaración de componentes

Components



Cabecera

Noticia

Noticias

Components

- Un componente es una clase con @Component
- Los módulos se componen de uno o múltiples componentes
- Sirve para mostrar información
- Se compone de su clase, template y estilos

```
@Component({  
  selector: 'quest-summary',  
  templateUrl: './quest-summary.component.html',  
  styleUrls: ['./quest-summary.component.css']  
})  
export class QuestSummaryComponent { }
```

Decorador

Tag del elemento

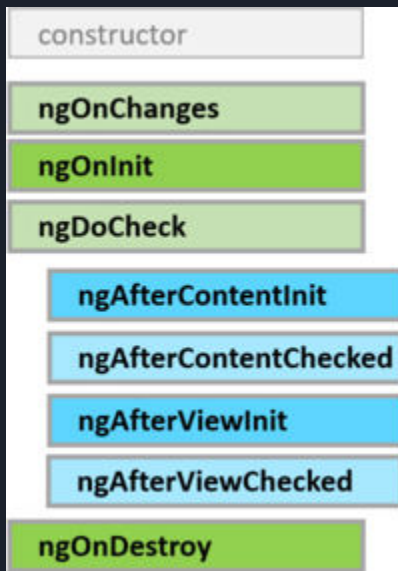
URL del Template (HTML)

URL de los estilos (CSS)

Nombre de la clase del componente



Component Lifecycle



<https://angular.io/guide/lifecycle-hooks>