

# Fundamentos de Angular





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# Angular Platform



Forms



PWA



Language  
Services



Router



Elements



CDK



Universal



Compiler



i18n



Http

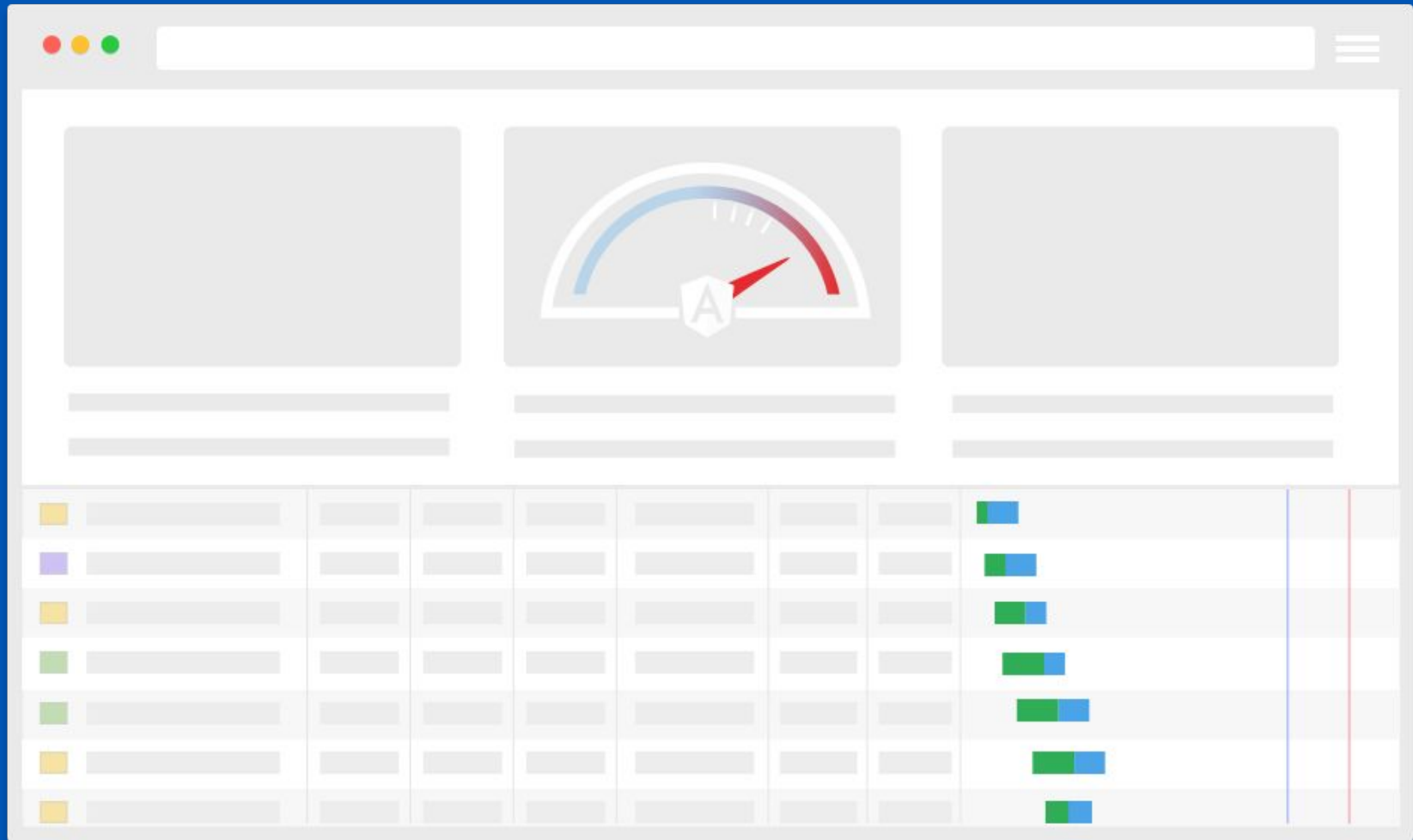


Material



CLI

# Speed & Performance



# Across all Platforms



# Incredible Tooling



```
1 import { Component } from '@angular/core';
2 @Component({
3   template: `
4     <h1 [style.font]="font">{{title}}</h1>
5     <div>{{person.address.}}</div>
6     <span (c latitude
7   })
8   export class
```





# Platzi Store



 **YARD Sale**

All

Clothes

Electronics

Furniture

Toys

Others

camilayokoo@gmail.com



 Search product

Order: Most recent



**\$ 35,00**  
Round shelf



**\$ 120,00**  
Retro refrigerator



**\$ 35,00**  
Round shelf



**\$ 120,00**  
Retro refrigerator



**\$ 35,00**  
Round shelf





# Requerimientos



```
node -v
```

```
npm -v
```

```
npm install -g @angular/cli  
ng version
```

# Angular CLI



```
ng help
ng generate --help
ng version
```

```
ng version
ng serve
ng serve -o
ng serve -p 5200
ng serve -o --host 192.168.1.26 --port 4201
# Include live reload and dev experience.
```

---

# Estructura de un proyecto



# Archivos



- ▼ src
  - > app
  - > assets
  - > environments
  - ★ favicon.ico
  - <> index.html
  - TS main.ts
  - TS polyfills.ts
  - 🔗 styles.scss
  - TS test.ts
- ≡ .browserslistrc
- ⚙️ .editorconfig
- 💎 .gitignore
- { } angular.json
- ⚡ karma.conf.js
- { } package.json

---

# Conceptos de TypeScript



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# String {{ Interpolation }}



# String Interpolation



```
{{ 1 + 1 }}
```

```
{{ myVar }}
```

```
{{ myFunction() }}
```



# String Interpolation



```
export class AppComponent {  
  name= 'Nicolas'; // 👉 public  
  age = 18;  
  img = 'https://www.w3schoo...';  
}
```



# String Interpolation

```
<h1>Hola my name is {{ name }} and  
I'm {{ age }} years old</h1>  
<h2>{{ 'Hola mundo'.repeat(2) }}  
</h2>  
<p>  
    Las suma de 3 + 3 = {{ 3 + 3 }}  
</p>  
<img src={{myImg}} />
```

---

# Property [ Binding ]





# Property Binding

```
<button
  [disabled]="btnDisable">
  Botón
</button>
<input
  type="text"
  [value]="person.name"
/>
<img
  width="100"
  [src]="person.avatar"
/>
<progress
  [value]='progress'
  max="100">
</progress>
```

---

# Event ( Binding )



# Event Binding



```
<button (click)="onSave( )">  
  Save  
</button>
```

# Event Binding



```
<button (click)="onSave( )">  
  Save  
</button>
```



---

# Data [( Binding )]



# NgModel



`[( ngModel )]` = "someValue"



= "someValue"

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# Angular Forms

@angular/forms



# Uso de \*ngIf



```
<div *ngIf="show">  
  Text to show  
</div>
```



# Uso de \*ngIf else

```
<div *ngIf="show; else elseBlock">  
    Text to show  
</div>  
<ng-template #elseBlock>  
    Alternate text while primary text is hidden  
</ng-template>
```

# Uso de \*ngFor



```
<li *ngFor="let user of users">
  {{user.name}}
</li>
```



# Uso de ngSwitch



```
<div [ngSwitch]="switch_expression">  
  <p *ngSwitchCase="expression_1">  
    match 1  
  </p>  
  <p *ngSwitchCase="expression_2">  
    match 2  
  </p>  
</div>
```

# Angular DevTools



A screenshot of the Chrome Web Store page for the Angular DevTools extension. The page has a white background with a blue header bar. At the top left, there's a 'chrome web store' logo. Below it, a breadcrumb trail reads 'Inicio &gt; Extensiones &gt; Angular DevTools'. The main section features the Angular logo, the title 'Angular DevTools', and the text 'Ofrecido por: Angular'. To the right is a blue 'Desinstalar' button. Below this, there's a star rating of 71 and a link to 'Herramientas para desarrolladores' with a user count of '60.000+ usuarios'. A horizontal menu at the bottom includes 'Descripción general' (highlighted), 'Prácticas de privacidad', 'Reseñas', 'Ayuda', and 'Relacionados'. At the bottom of the page, there's a preview of the extension's interface, showing a dark-themed console window with the text 'Angular is running in development mode. Call enableProdModel() to enable production mode.' and 'WDS Live Reloading enabled.' A mouse cursor is pointing at the 'Layers' tab in the interface.

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# Estilos a la lista de productos



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# Dynamic Class & Style



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# NgClass & NgStyle



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# Creando un formulario



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# Despliegue con Firebase Hosting





# Uso de \*ngFor



```
<li *ngFor="let name of names">  
  {{ name }}  
</li>
```