

Angular



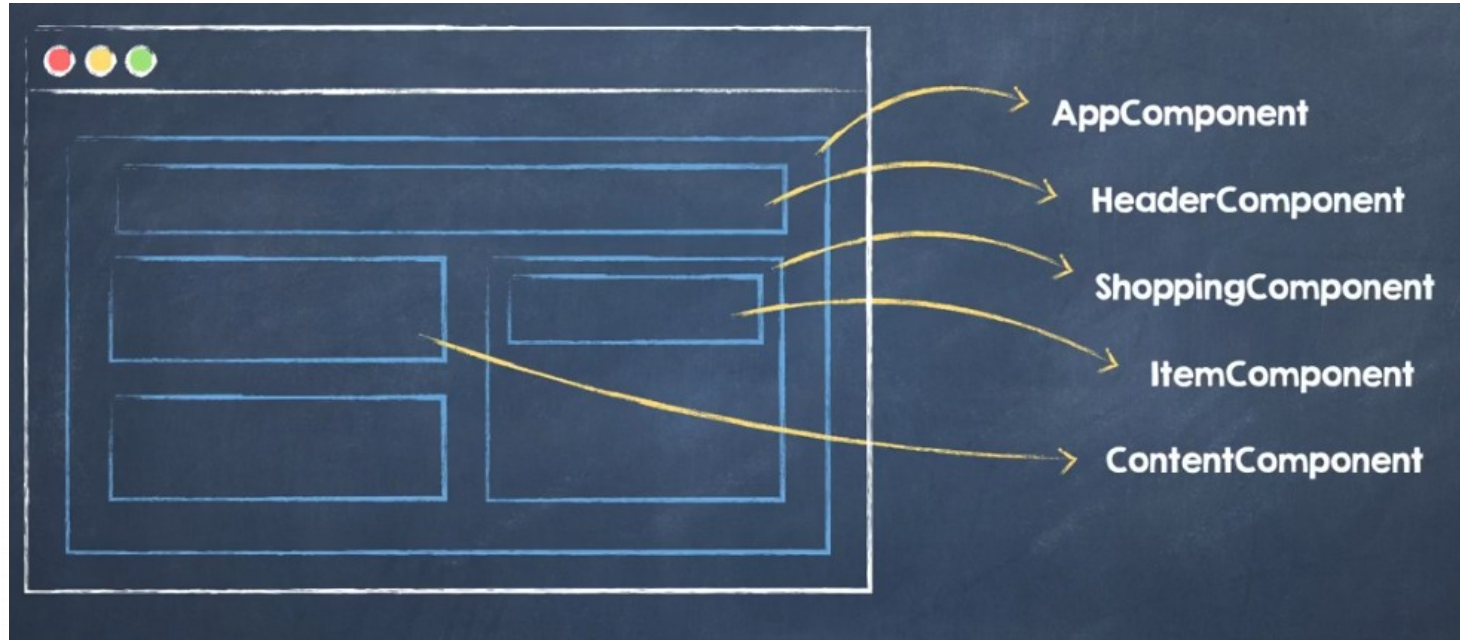
Criando uma Aplicação

- Ng new nome-projeto

Componentes

- São pequenas partes independentes e reusáveis
- Em Angular temos:
- Classes, Template, Selector(Tag)

Componentes



Componentes



```
import { Component } from '@angular/core'

@Component({
  selector: 'app-first',
  templateUrl: './myfirst.component.html'
})

export class MyFirstComponent {

  constructor() { }

}
```

Componentes



```
@Component({
  selector: 'app-first',
  template: `<h1>{{title}}</h1>
              <p> Welcome, {{user.name}}!</p>`
})

export class MyFirstComponent {
  title: string = 'My Star Wars Component!'
  user = {name: 'Luke Skywalker'}
}
```

Componentes

- Ng g c header

Property Binding

- Faz comunicação de elementos, entre o componente e o template

Property Binding

```
//no componente  
user = {name: 'Luke Skywalker'}
```

```
<!--no template do componente-->  
<input type="text" [value]="user.name">
```

ONE-WAY BINDING

COMPONENT => TEMPLATE

Property Binding

```
//in component  
user = {name: 'Luke Skywalker',  
        isJedi: true}
```

```
<!--in template-->  
<input type="text" [value]="user.name">  
<div [hidden]="!user.isJedi">  
    location of the jedi temple  
</div>
```

```
<div [class.light]="user.isJedi"></div> ... <div class="light">  
    </div>
```

Passar dados para um componente

```
@Input() id: number;
```

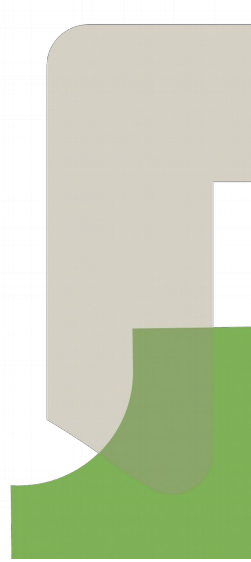
```
@Input() nome: string;
```

```
<app-produto id="123" nome="Geladeira">
```

```
</app-produto>
```

Diretivas

Adiciona Comportamentos



```
<!--ng if-->  
<input type="text" [value]="user.name">  
<div *ngIf="user.isJedi">  
    location of the jedi temple  
</div>
```

```
<!--ng if-->  
<input type="text" [value]="user.name">  
<template [ngIf]="user.isJedi">  
    <div>  
        location of the jedi temple  
    </div>  
</template>
```

Diretivas

```
<!--ng for-->  
<ul>  
  <li *ngFor="let user of users">{{user.name}}</li>  
</ul>
```

Diretivas

```
<div [ngSwitch]="profile">  
  <p *ngSwitchCase="root">You can read & write</p>  
  <p *ngSwitchCase="user">You can read</p>  
  <p *ngSwitchDefault>go back, please!</p>  
</div>
```


Eventos

```
@Component({  
  selector: 'mt-clickable',  
  template: '<button (click)="clicked()">Click!</button>'  
})
```

```
export class ClickableComponent {  
  clicked(): void {  
    console.log('Button clicked!')  
  }  
}
```