

Directives

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3:46 PM

Attributes which can be used In existing components.

In this example we are creating highlight directive, on mouse over on any element.

ng generate directive highlight

ng generate directive highlight-with-input

highlight.directive.ts

```
import { Directive, ElementRef, HostListener } from '@angular/core';
@Directive({
  selector: '[appHighlight]'
})
export class HighlightDirective {
  constructor(private element: ElementRef) {
  }
  @HostListener('mouseenter') addHighlight(){
    this.element.nativeElement.style.backgroundColor = 'yellow';
  }
  @HostListener('mouseleave') removeHighlight(){
    this.element.nativeElement.style.backgroundColor = null;
  }
}
```

highlight-with-input.directive.ts

```
import { Directive, Input, ElementRef, HostListener } from
 '@angular/core';
@Directive({
  selector: '[appHighlightWithInput]'
})
export class HighlightWithInputDirective {
```

```

@Input() color = 'yellow';
constructor(private element: ElementRef) {
}
@HostListener('mouseenter') addHighlight(){
this.element.nativeElement.style.backgroundColor = this.color;
}
@HostListener('mouseleave') removeHighlight(){
this.element.nativeElement.style.backgroundColor = null;
}
}

```

```

<div class="card" [ngClass]="{'fav': post.isFav}">
<div class="card-body">
<h5 class="card-title" appHighlight>{{post.title}}</h5>
<p class="card-text" (click)="showFullSummary()"
appHighlightWithInput color="green">
{{post.summary}}</p>
<a href="#" class="btn btn-primary blog-btn">Read</a>
<a href="#" (click)="toggleFav()" class="btn btn-primary blog-btn">
Favourite</a>
</div>
</div>

```