

# 9-Material

---

## Material Design y CLI de Angular

---

### 1. Repositorio multi-proyecto

---

### 2. Instalación y configuración de Material

---

### 3. Componentes básicos

---

### 1. Repositorio multi-proyecto

---

Carpetas src y projects

Compilación multi - proyecto

---

#### 1.1 Carpetas src y projects

CLI

```
ng g application schemat --routing
```

--

angular.json

```
"es5BrowserSupport": true
```

---

#### 1.2 Compilación multi - proyecto

package.json

```
"start:schemat": "ng serve schemat --aot -o --port 4271",  
"build:prod:schemat": "ng build schemat --prod",
```

Recap:

## 1. Repositorio multi-proyecto

---

Carpetas src y projects

Compilación multi - proyecto

---

## 2. Instalación y configuración de Material

---

Agregar dependencias con schematics

Estilos, iconos y temas básicos

---

### 2.1 Agregar dependencias con schematics

```
ng add @angular/material --project=schemat
```

---

### 2.2 estilos, iconos y temas básicos

index.html

app.module.ts

styles.css

```
@import '~@angular/material/prebuilt-themes/indigo-pink.css';
```

---

Recap:

## 2. Instalación y configuración de Material

---

Agregar dependencias con schematics

Estilos, iconos y temas básicos

---

## 3. Componentes básicos

---

# Navegación y layout

## Componentes básicos

---

### 3.1 Navegación y layout

```
ng g @angular/material:nav shell --project=schemat
```

app.component.html

```
<app-shell></app-shell>
```

---

```
ng g @angular/material:dashboard home --project=schemat
```

app-routing

```
const routes: Routes = [  
  {  
    path: '',  
    component: HomeComponent  
  }  
];
```

shell.component.html

```
<a mat-list-item [routerLink]="['/']">Home</a>  
<!-- Add Content Here -->  
<router-outlet></router-outlet>
```

---

### 3.2 Componentes básicos

Formularios

```
ng g @angular/material:address-form contact --project=schemat
```

app-routing

```
const routes: Routes = [  
  {  
    path: 'new-contact',  
    component: ContactComponent  
  }  
];
```

shell.component.html

```
<a mat-list-item [routerLink]="['/new-contact']">New Contact</a>
```

---

## Tablas

```
ng g @angular/material:table elements --project=schemat
```

app-routing

```
const routes: Routes = [  
  {  
    path: 'elements-list',  
    component: ElementsComponent  
  }  
];
```

shell.component.html

```
<a mat-list-item [routerLink]="['/elements-list']">Elements List</a>
```

elements.component.html

```
<mat-paginator #paginator  
  [length]="dataSource.data.length"  
  [pageIndex]="0"  
  [pageSize]="5"  
  [pageSizeOptions]="[5, 10, 15, 20]">  
</mat-paginator>
```

---

## Árboles

```
ng g @angular/material:tree source --project=schemat
```

app-routing

```
const routes: Routes = [  
  {  
    path: 'source-tree',  
    component: SourceComponent  
  }  
];
```

shell.component.html

```
<a mat-list-item [routerLink]="['/source-tree']">Source Tree</a>
```

---

Recap:

## 3. Componentes básicos

---

Navegación y layout

Componentes básicos

---

Next:

## Angular avanzado

---

By [Alberto Basalo](#)