

Angular Materials 8 Cheat Sheet

by Rhingdrache via cheatography.com/84542/cs/19974/

CDK	
Common Behaviors	Accessibility
	Bidirectionality
	Drag and Drop
	Layout
	Observers
	Overlay
	Platform
	Portal
	Scrolling
	Text field
Components	Stepper
	Table
	Tree

Components (cont)	
Popups & Modals	Bottom Sheet Dialog Snackbar Tooltip
Data table	Paginator Sort header Table

Components	
Form Controls	Autocomplete Checkbox Datepicker Form field Input Radio button Select Slider Slide toggle
Navigation	Menu Sidenav Toolbar
Layout	Card Divider Expansion Panel Grid list List Stepper Tabs Tree
Buttons & Indicators	Button Button toggle Badge Chips Icon Progress spinner Progress bar Ripples



By Rhingdrache

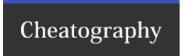
Not published yet.

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Schematics

address-form

Component with a form group that uses Material Design form controls to prompt for a shipping address

navigation

Creates a component with a responsive Material Design sidenav and a toolbar for showing the app name

dashboard

Component with multiple Material Design cards and menus which are aligned in a grid layout

table

Generates a component with a Material Design data table that supports sorting and pagination

tree

Component that interactively visualizes a nested folder structure by using the <mat-tree> component

drag-drop*

Component that uses the @angular/cdk/drag-drop directives for creating an interactive to-do list

ng g @angular/material:<schematics> <name>

*ng g @angular/cdk:drag-drop <name>



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Autocomplete

```
Simple
 <mat-form-field>
  <input type="text"</pre>
   matInput
   [formControl] = "myControl"
   [matAutocomplete] = "auto">
 </mat-form-field>
 <mat-autocomplete
 #auto="matAutocomplete">
  <mat-option
    *ngFor="let option of options"
   [value]="option">
     {{option}}
   </mat-option>
 </mat-autocomplete>
 export class AutocompleteSimpleExample {
  myControl = new FormControl();
  options: string[] = ['One', 'Two', 'Three'];
```

Filter

```
<mat-option
*ngFor="let option of options | async"
[value]="option">

options: Observable<string[]>;

ngOnInit() {
  this.options =
    this.myControl.valueChanges
    .pipe(
        startWith(''),
        map(value => this._filter(value))
    );
}

private _filter(value: string: string[] {
    ...
    return filteredArray;
}
```




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