

Angular Cheat Sheet



Lifecycle Hooks

OnInit	<pre>export class Component implements OnInit { ngOnInit() {} }</pre>
OnChanges	<pre>export class Component implements OnChanges { ngOnChanges() {} }</pre>
AfterViewInit	<pre>export class Component implements AfterViewInit { ngAfterViewInit() {} }</pre>
OnDestroy	<pre>export class Component implements OnDestroy { ngOnDestroy() {} }</pre>



Structural Directives

*ngIf	<pre><p *ngIf="expression; else notExpression"> Expression is true </p> <ng-template #notExpression> <p> Expression is false </p> </ng-template></pre>
*ngFor	<pre> <li *ngFor="let element of array"> </pre>
*ngSwitchCase	<pre><ng-container [ngSwitch]="switch_expression"> <p *ngSwitchCase="match_expression_1"> 1 </p> <p *ngSwitchCase="match_expression_2"> 2 </p> <p *ngSwitchDefault> default </p> </ng-container></pre>



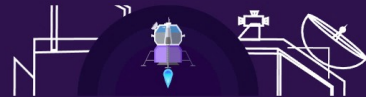
Class Field Decorators

Input	<pre>@Input() myProperty;</pre>
Output	<pre>@Output() myEvent = new EventEmitter();</pre>
Host Binding	<pre>@HostBinding('class.error') hasError;</pre>
Host Listener	<pre>@HostListener('click', ['\$event']) onClick(e) {...}</pre>
Content Child	<pre>@ContentChild(myPredicate) myChildComponent;</pre>
Content Children	<pre>@ContentChildren(myPredicate) myChildComponents;</pre>
View Child	<pre>@ViewChild(myPredicate) myChildComponent;</pre>
View Children	<pre>@ViewChildren(myPredicate) myChildComponents;</pre>



Data Binding

One Way Binding	<pre><p>{{ name }}</p></pre>
Property Binding	<pre><input [value]="name" /></pre>
Attribute Binding	<pre><button [attr.aria-label]="OK">OK</button></pre>
Two Way Binding	<pre><input [(ngModel)]="name"/></pre>
Event Binding	<pre><input [value]="name" (input)="name = \$event.target.value" /></pre>



Styling

ngStyle	<pre><p [ngStyle]="{'color': 'blue'}">...</p></pre>
ngClass	<pre><p [ngClass]="['first second']">...</p> <p [ngClass]="['first', 'second']">...</p> <p [ngClass]="{'first': true, 'second': false}">...</p> <p [ngClass]="stringExp arrayExp objExp">...</p> <p [ngClass]="['class1 class2 class3' : true]">...</p></pre>



Pipes

Lowercase	<pre><p> {{name lowercase}}</p></pre>
Uppercase	<pre><p> {{name uppercase}}</p></pre>
Date	<pre><p> {{ today date: 'medium'}}</p></pre>
Date Format	<pre><p> {{ today date: 'y-MM-d'}}</p></pre>
Currency	<pre><p> {{ 3.5 currency: '€'}}</p></pre>
Percent	<pre><p> {{ 0.5 percent: '1.2'}}</p></pre>
Number	<pre><p> {{ 0.5 number: '1.2'}}</p></pre>



Routing

Router Outlet	<pre><router-outlet names="aux"></router-outlet></pre>
Router Link	<pre> <a [routerLink]="['/path', routeParam]"> <a [routerLink]="['/path', { matrixParam: 'value' }]"> <a [routerLink]="['/path']" [queryParams]="{ page: 1 }"> <a [routerLink]="['/path']" fragment="anchor"></pre>