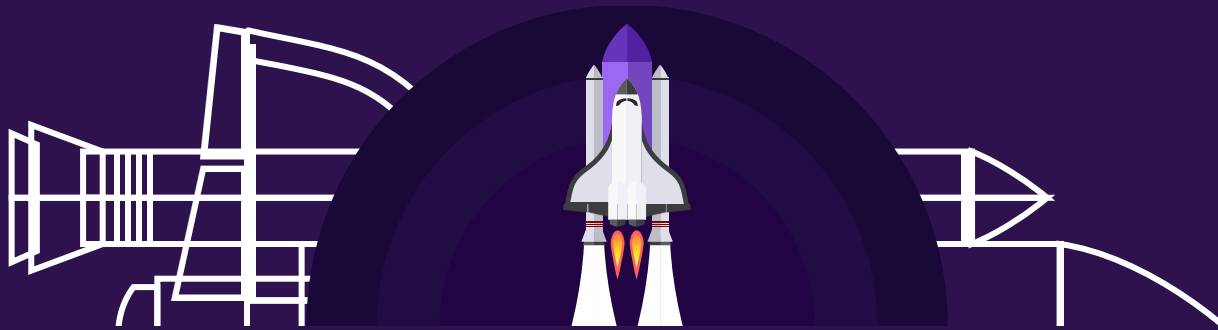


Angular Cheat Sheet

DOWNLOAD



Lifecycle Hooks

OnInit

```
export class Component implements OnInit {  
  ngOnInit() {}  
}
```

OnChanges

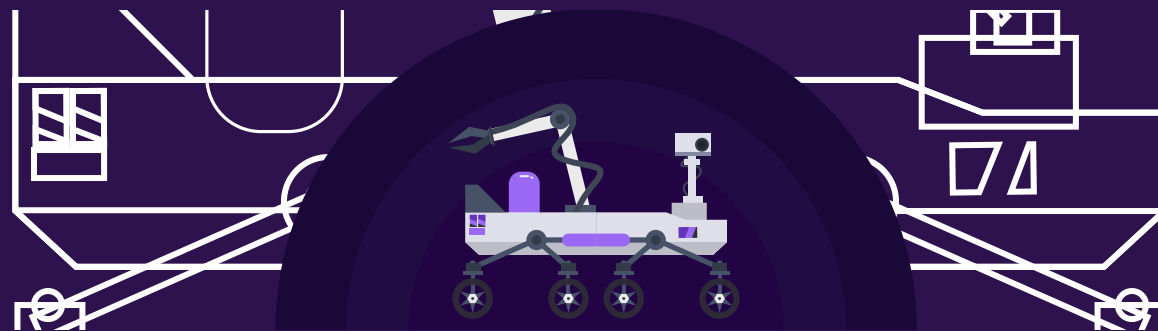
```
export class Component implements OnChanges {  
  ngOnChanges() {}  
}
```

AfterViewInit

```
export class Component implements AfterViewInit {  
  ngAfterViewInit() {}  
}
```

OnDestroy

```
export class Component implements OnDestroy {  
  ngOnDestroy() {}  
}
```



Structural Directives

*ngIf

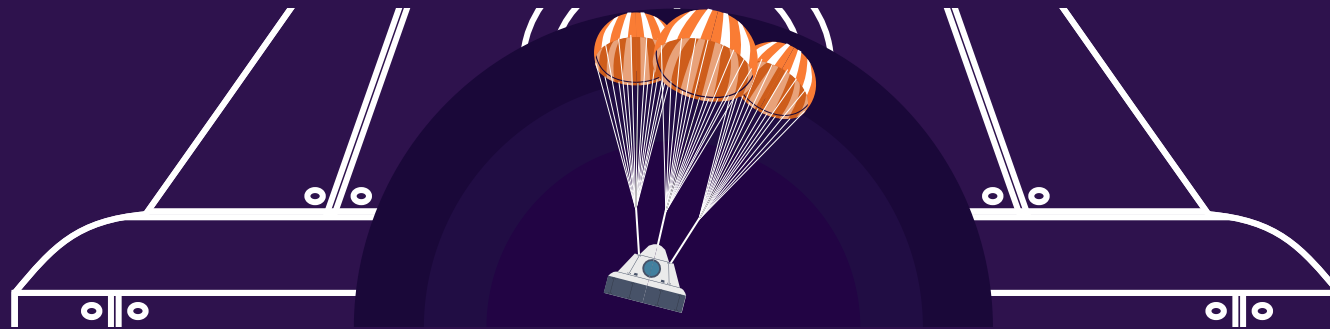
```
<p *ngIf="expression; else notExpression">  
  Expression is true  
</p>  
<ng-template #notExpression>  
  <p>  
    Expression is false  
  </p>  
</ng-template>
```

*ngFor

```
<ul>
  <li *ngFor="let element of array"></li>
</ul>
```

*ngSwitchCase

```
<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>
```



Class Field Decorators

Input

```
@Input() myProperty;
```

Output

```
@Output() myEvent = new EventEmitter();
```

Host Binding

```
@HostBinding('class.error') hasError;
```

Host Listener

```
@HostListener('click', ['$event']) onClick(e) {...}
```

Content Child

```
@ContentChild(myPredicate) myChildComponent;
```

Content Children

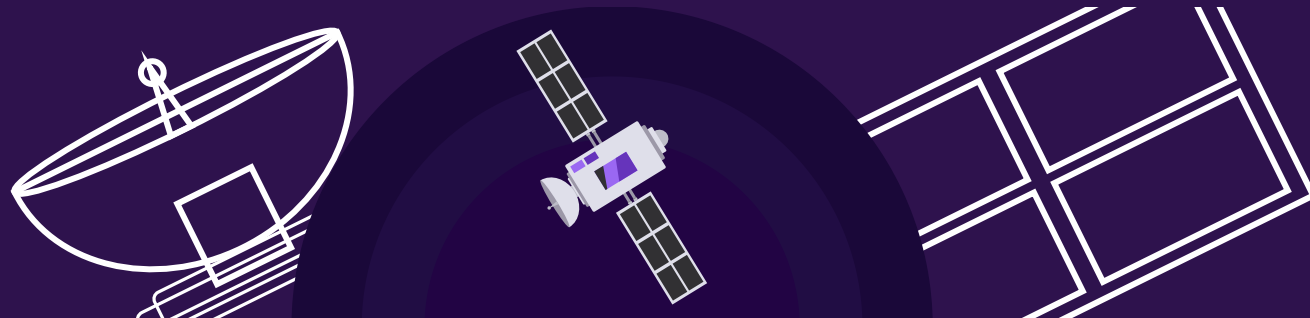
```
@ContentChildren(myPredicate) myChildComponents;
```

View Child

```
@ViewChild(myPredicate) myChildComponent;
```

View Children

```
@ViewChildren(myPredicate) myChildComponents;
```



Data Binding

One Way Binding

```
<p>{{ name }}</p>
```

Property Binding

```
<input [value]="name" />
```

Attribute Binding

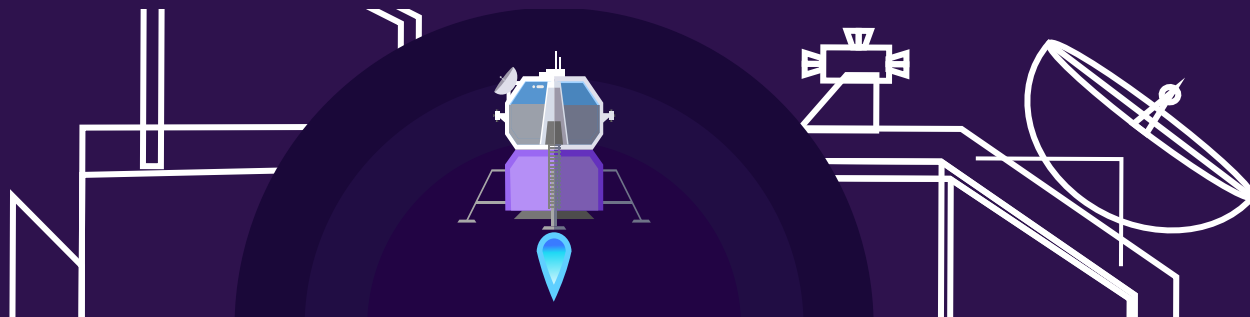
```
<button [attr.aria-label]="OK">OK</button>
```

Two Way Binding

```
<input [(ngModel)]="name"/>
```

Event Binding

```
<input [value]="name"  
      (input)="name = Sevent.target.value" />
```



Styling

ngStyle

```
<p [ngStyle]='{"color": "blue"}">...</p>
```

ngClass

```
<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>
```



Pipes

Lowercase

```
<p> {{name | lowercase}}</p>
```

Uppercase

```
<p> {{name | uppercase}}</p>
```

Date

```
<p> {{ today | date: 'medium'}}</p>
```

Date Format

```
<p> {{ today | date: 'y-MM-d'}}</p>
```

Currency

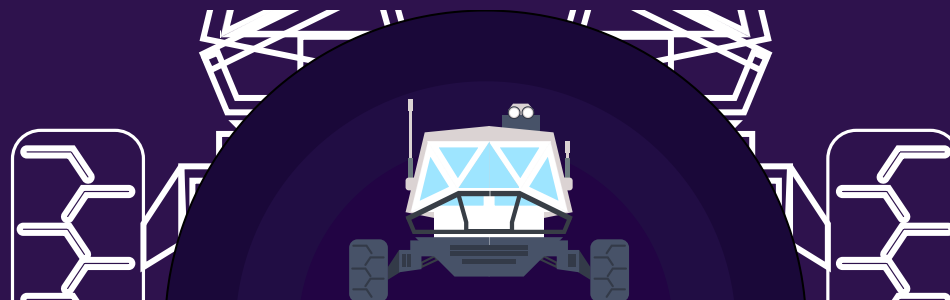
```
<p> {{ 3.5 | currency: '€'}}</p>
```

Percent

```
<p> {{ 0.5 | percent: '1.2'}}</p>
```

Number

```
<p> {{ 0.5 | number: '1.2'}}</p>
```



Routing

Router Outlet

```
<router-outlet name="aux"></router-outlet>
```

Router Link

```
<a routerLink="/path">
```

```
<a [routerLink]="[ '/path', routeParam ]">
```

```
<a [routerLink]="[ '/path',  
  { matrixParam: 'value' } ]">
```

```
<a [routerLink]="[ '/path' ]"  
  [queryParams]="{ page: 1 }">
```

```
<a [routerLink]="[ '/path' ]"  
  fragment="anchor">
```