

NgIf 基礎

if / else 判斷之 Angular 版

NgIf (1)

*ngIf="condition"

依照 condition 之 true / false 決定指定區域顯示與否

The diagram illustrates the NgIf directive. At the top, there are two buttons: "color = red" and "color = blue". Below these buttons, there are two colored bars representing the conditional rendering of content. The top bar is red and contains the text "color 是 red" and "condition1 為 true 時顯示". The bottom bar is blue and contains the text "color 不是 red" and "condition2 為 true 時顯示".

NgIf (2)

*ngIf="condition; else otherBlock"

搭配 <ng-template> 與 樣板參考變數(otherBlock) 使用

color = red color = blue

color 是 red condition 為 true 時顯示

color 不是 red condition 為 false 時顯示 otherBlock

NgIf (3)

*ngIf="condition; than **thanBlock**; else **otherBlock**"

搭配 <ng-template> 與 樣板參考變數(thanBlock 、 otherBlock) 使用

color = red color = blue

color 是 red condition 為 true 時顯示 thanBlock

color 不是 red condition 為 false 時顯示 otherBlock

NgIf Demo

color = red

color = blue

color 是 red

color 不是 red

color = red

color = blue

color 是 red

NgFor 基礎

for 迴圈之 Angular 版

NgFor (1)

*ngFor="let item of items" component property

樣板區域變數

```
<ul>
  <li *ngFor="let item of items">
    {{ item.name }}
  </li>
</ul>
```

```
items = [
  {id: 10, name: 'Allen'},
  {id: 11, name: 'Michael'},
  {id: 12, name: 'Lucky'}
];
```

- Allen
- Michael
- Lucky

NgFor (2)

```
*ngFor="let item of items;  
  let total=count; 共幾筆  
  let idx=index; 第幾筆，索引值，由 0 開始  
  let isFirst=first; 是否為第一筆  
  let isLast=last; 是否為最後一筆  
  let isOdd=odd; 是否為奇數筆，索引值 / 2 = 1  
  let isEven=even" 是否為偶數筆，索引值 / 2 = 0
```

樣板區域變數

- 索引=0，共 3 筆，Allen，偶數筆，第1筆
- 索引=1，共 3 筆，Michael，奇數筆，
- 索引=2，共 3 筆，Lucky，偶數筆，最後1筆

NgSwitch 基礎

switch case 之 Angular 版

NgSwitch / NgSwitchCase / NgSwitchDefault

```
<button (click)="role='admin'">admin</button>  
<button (click)="role='teacher'">teacher</button>  
<button (click)="role='student'">student</button>  
<button (click)="role='other'">other</button>
```

property binding

```
<div [ngSwitch]="role">  
  Hello,  
  <span *ngSwitchCase="'admin'">管理員</span>  
  <span *ngSwitchCase="'teacher'">老師</span>  
  <span *ngSwitchCase="'student'">死屁孩</span>  
  <span *ngSwitchDefault>路人甲</span>  
</div>
```

有 * 號

NgSwitch Demo

admin

teacher

student

other

Hello, 管理員

END