

## 8. 網格系統總整理

2019年1月8日 上午 08:45

1. 資料擺放的原則為 .container > .row > .col-\*

```
<div class="demo">
  <div class="container">
    <div class="row">
      <div class="col-sm">
        One of three columns
      </div>
      <div class="col-sm">
        One of three columns
      </div>
      <div class="col-sm">
        One of three columns
      </div>
    </div>
  </div>
</div>
```

One of three columns

One of three columns

One of three columns

2. col 由於是flex的關係會自動調整為均等份

```
<div class="demo">
  <div class="container">
    <div class="row">
      <div class="col">
        1 of 3
      </div>
      <div class="col">
        2 of 3
      </div>
      <div class="col">
        3 of 3
      </div>
    </div>
  </div>
</div>
```

3. `<div class="w-100"></div>` 將畫面調為上下兩列

```
<div class="demo">
  <div class="container">
    <div class="row">
      <div class="col">Column</div>
      <div class="col">Column</div>
      <div class="w-100"></div>
      <div class="col">Column</div>
      <div class="col">Column</div>
    </div>
  </div>
</div>
```

Column	Column
Column	Column

3. 利用 1~12 分割欄位

```
<div class="demo">
  <div class="container">
    <div class="row">
      <div class="col-2">
        1 of 3
      </div>
      <div class="col-6">
        2 of 3 (wider)
      </div>
      <div class="col-4">
        3 of 3
      </div>
    </div>
  </div>
</div>
```

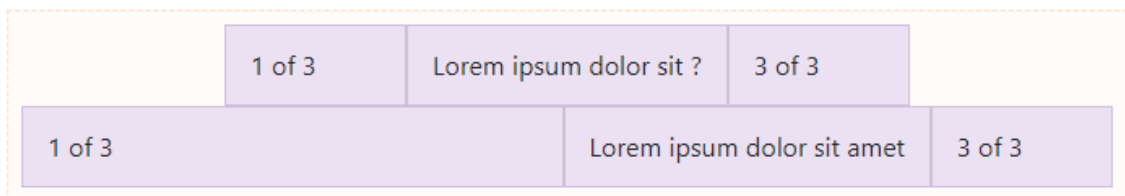
1 of 3	2 of 3 (wider)	3 of 3
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4. 利用內容的寬度來調整欄的寬度

```

<div class="demo">
  <div class="container">
    <div class="row justify-content-md-center">
      <div class="col col-lg-2">
        1 of 3
      </div>
      <div class="col-sm-auto">
        Lorem ipsum dolor sit ?
      </div>
      <div class="col col-lg-2">
        3 of 3
      </div>
    </div>
    <div class="row">
      <div class="col">
        1 of 3
      </div>
      <div class="col-md-auto">
        Lorem ipsum dolor sit amet
      </div>
      <div class="col col-lg-2">
        3 of 3
      </div>
    </div>
  </div>
</div>

```



## 5. 垂直對齊

`align-items-center` (start, center, end)

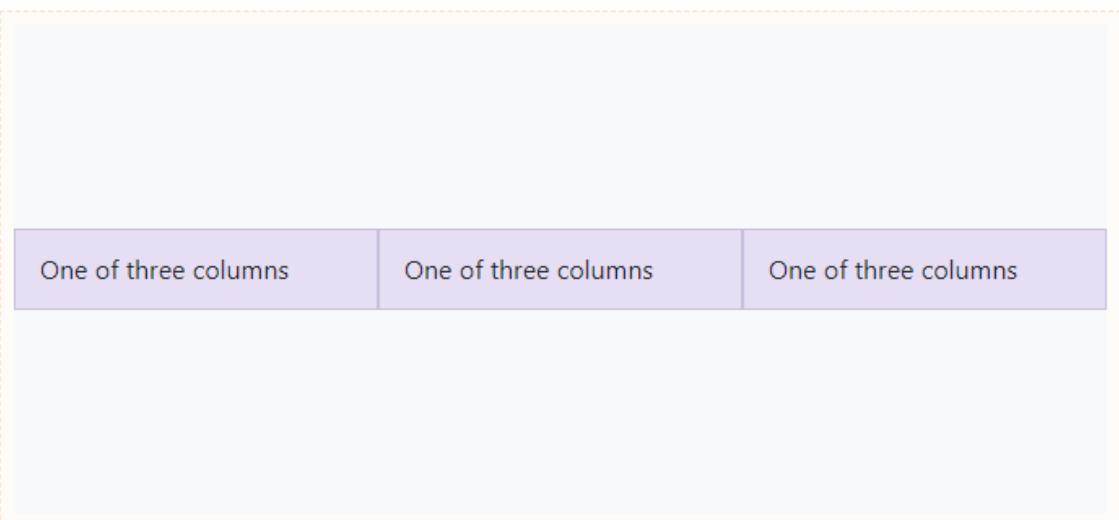
```
<div class="demo">
  <div class="container bg-light">
    <div class="row align-items-start h300">
      <div class="col">
        One of three columns
      </div>
      <div class="col">
        One of three columns
      </div>
      <div class="col">
        One of three columns
      </div>
    </div>
  </div>
</div>
```

One of three columns	One of three columns	One of three columns

```

<div class="demo">
  <div class="container bg-light">
    <div class="row align-items-center h300">
      <div class="col">
        One of three columns
      </div>
      <div class="col">
        One of three columns
      </div>
      <div class="col">
        One of three columns
      </div>
    </div>
  </div>
</div>

```

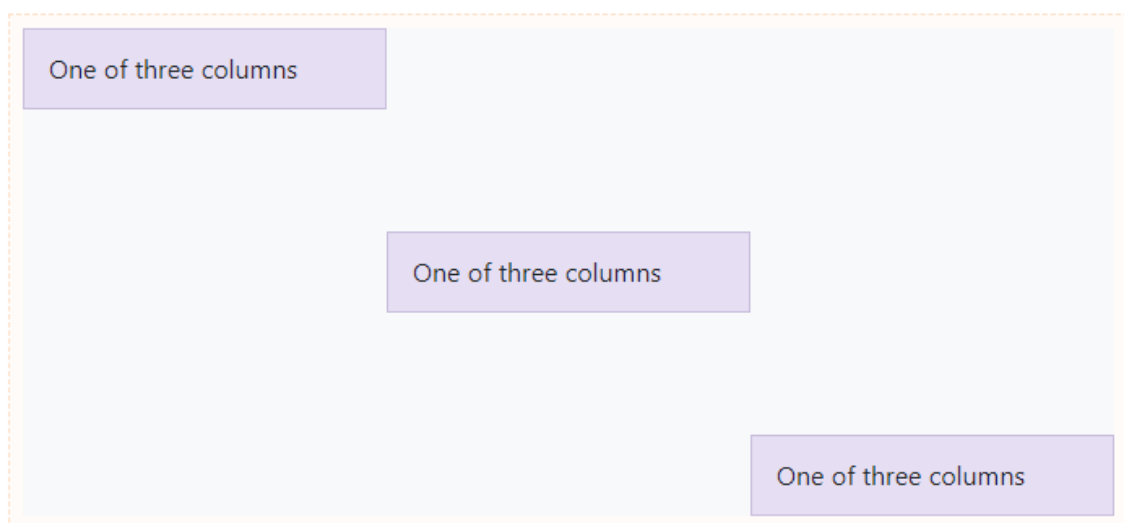


單一元素 align-self-start (start, center, end)

```

<div class="demo">
  <div class="container bg-light">
    <div class="row h300">
      <div class="col align-self-start">
        One of three columns
      </div>
      <div class="col align-self-center">
        One of three columns
      </div>
      <div class="col align-self-end">
        One of three columns
      </div>
    </div>
  </div>
</div>

```



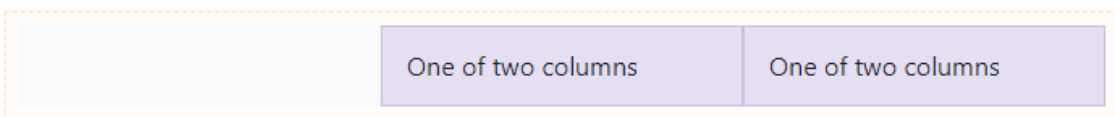
水平對齊

`justify-content-start` (start, center, end)

```

<div class="demo">
  <div class="container bg-light">
    <div class="row justify-content-end">
      <div class="col-4">
        One of two columns
      </div>
      <div class="col-4">
        One of two columns
      </div>
    </div>
  </div>
</div>

```



## 6. no-gutters



加上no-gutters後

```

<div class="demo">
  <div class="container bg-light">
    <div class="row no-gutters">
      <div class="col-12 col-sm-6 col-md-8">.col-12 .col-sm-6 .col-md-8</div>
      <div class="col-6 col-md-4">.col-6 .col-md-4</div>
    </div>
  </div>
</div>

```



## 7. 排序(order-1~12 的數值或 first, last)

```

<div class="demo">
  <div class="container">
    <div class="row">
      <div class="col">
        1
      </div>
      <div class="col order-6">
        2
      </div>
    </div>
  </div>

```

```

<div class="demo">
  <div class="container">
    <div class="row">
      <div class="col">
        1
      </div>
      <div class="col order-6">
        2
      </div>
      <div class="col order-5">
        3
      </div>
    </div>
  </div>
</div>

```



#### 8. 推移

```

<div class="demo">
  <div class="container">
    <div class="row">
      <div class="col-md-4">.col-md-4</div>
      <div class="col-md-4 offset-md-4">.col-md-4 .offset-md-4</div>
    </div>
  </div>
</div>

```



#### 9. 利用mr-auto ml-auto 將元素推移到另外一端

```

<div class="demo">
  <div class="container">
    <div class="row">
      <div class="col-md-4">.col-md-4</div>
      <div class="col-md-4 ml-auto">.col-md-4 .ml-auto</div>
    </div>
  </div>
</div>

```



```
<div class="demo">
  <div class="container">
    <div class="row">
      <div class="col-md-4 mr-auto">.col-md-4</div>
      <div class="col-md-4">.col-md-4 .ml-auto</div>
    </div>
  </div>
</div>
```

.col-md-4

.col-md-4 .ml-auto