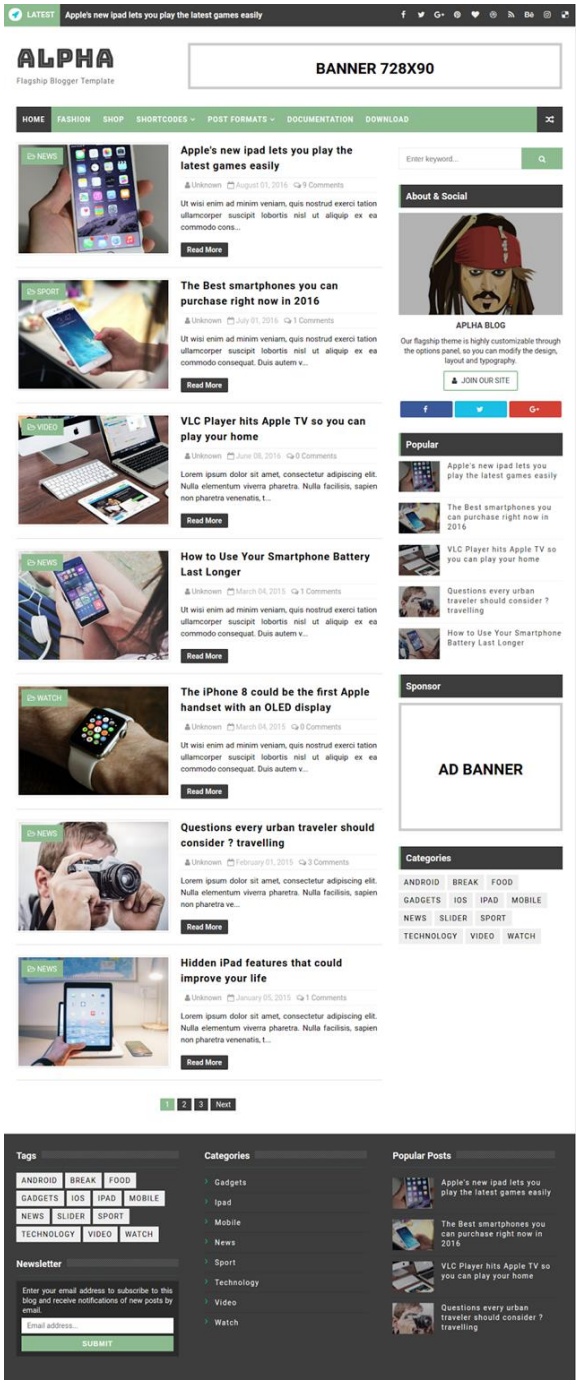
Component 元件

Component 就像積木，組合出所有畫面


LATEST
Apple's new ipad lets you play the latest games easily
ALPHA
Flagship Blogger Template
BANNER 728X90
HOME
FASHION
SHOP
SHORTCODES
POST FORMATS
DOCUMENTATION
DOWNLOAD
Apple's new ipad lets you play the latest games easily
Unknown August 01, 2016 9 Comments
Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo cons...
Read More
The Best smartphones you can purchase right now in 2016
Unknown July 01, 2016 1 Comments
Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat. Duis autem v...
Read More
VLC Player hits Apple TV so you can play your home
Unknown June 08, 2016 0 Comments
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla elementum viverra pharetra. Nulla facilisis, sapien non pharetra venenatis, t...
Read More
How to Use Your Smartphone Battery Last Longer
Unknown March 04, 2015 1 Comments
Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat. Duis autem v...
Read More
The iPhone 8 could be the first Apple handset with an OLED display
Unknown March 04, 2015 0 Comments
Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat. Duis autem v...
Read More
Questions every urban traveler should consider ? travelling
Unknown February 01, 2015 3 Comments
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla elementum viverra pharetra. Nulla facilisis, sapien non pharetra ve...
Read More
Hidden iPad features that could improve your life
Unknown January 05, 2015 1 Comments
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla elementum viverra pharetra. Nulla facilisis, sapien non pharetra venenatis, t...
Read More
1 2 3 Next
Enter keyword...
About & Social
APLHA BLOG
Our flagship theme is highly customizable through the options panel, so you can modify the design, layout and typography.
JOIN OUR SITE
Popular
Apple's new ipad lets you play the latest games easily
The Best smartphones you can purchase right now in 2016
VLC Player hits Apple TV so you can play your home
Questions every urban traveler should consider ? travelling
How to Use Your Smartphone Battery Last Longer
Sponsor
AD BANNER
Categories
ANDROID BREAK FOOD GADGETS IOS IPAD MOBILE NEWS SLIDER SPORT TECHNOLOGY VIDEO WATCH
Tags
ANDROID BREAK FOOD GADGETS IOS IPAD MOBILE NEWS SLIDER SPORT TECHNOLOGY VIDEO WATCH
Newsletter
Enter your email address to subscribe to this blog and receive notifications of new posts by email.
Email address...
SUBMIT
Categories
Gadgets
Ipad
Mobile
News
Sport
Technology
Video
Watch
Popular Posts
Apple's new ipad lets you play the latest games easily
The Best smartphones you can purchase right now in 2016
VLC Player hits Apple TV so you can play your home
Questions every urban traveler should consider ? travelling

[Demo]

把所有東西寫在

一個 component？

code 好亂！

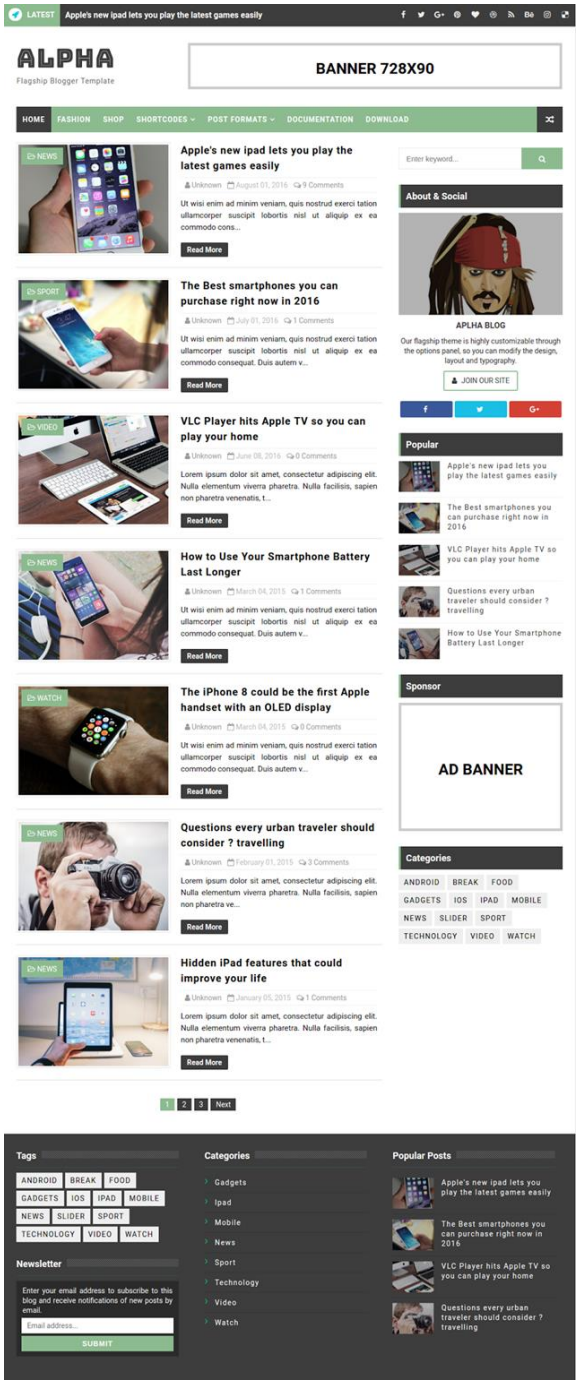
好難維護！

接手的人一定會罵你！

(ノ⊙益⊙)ノ彡┻━┻

拆成多個

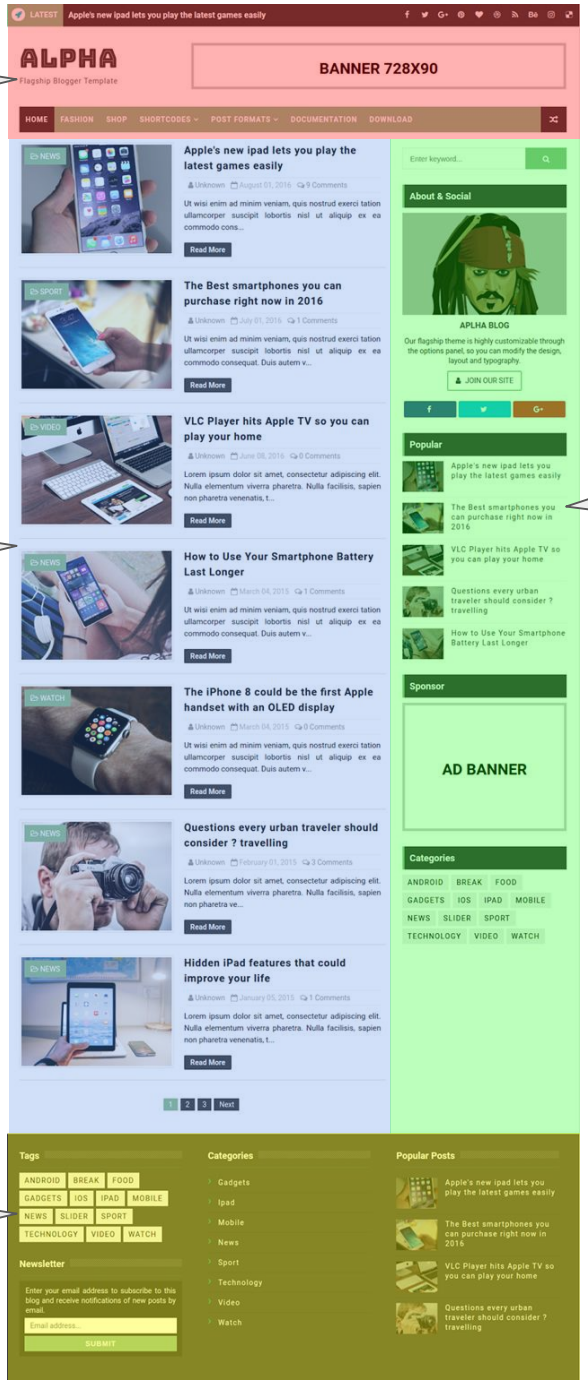
component 吧！



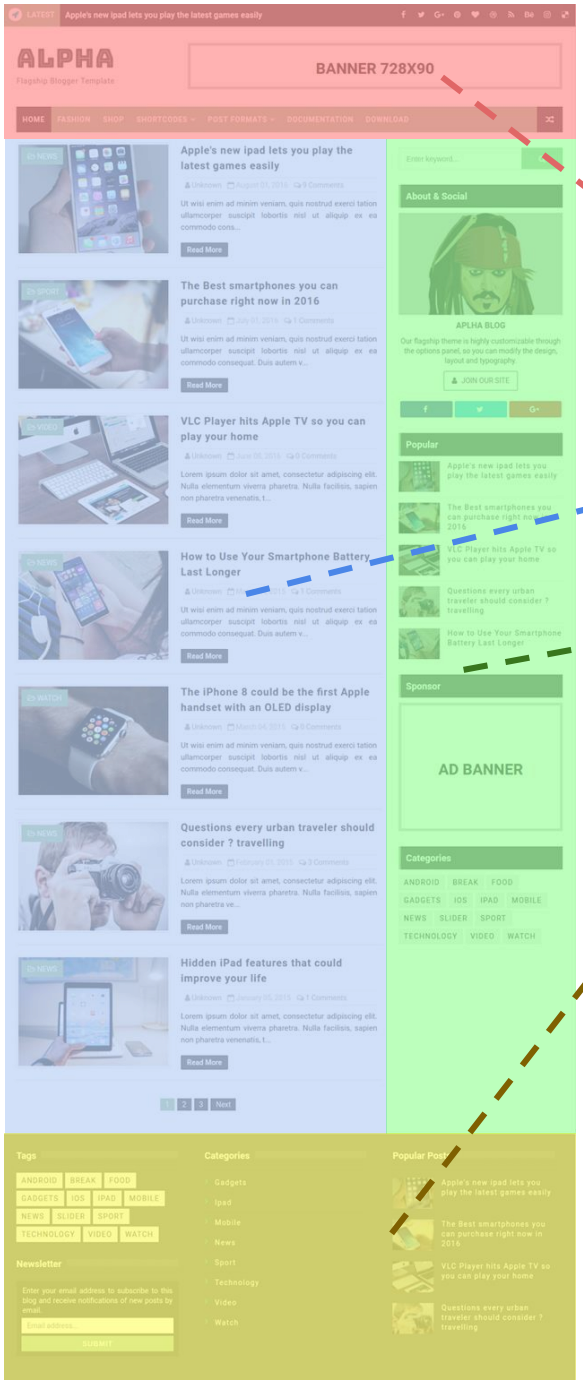
頁首
page-header

文章列表
article-list

頁尾
page-footer



側邊欄
side-bar



<app-root>

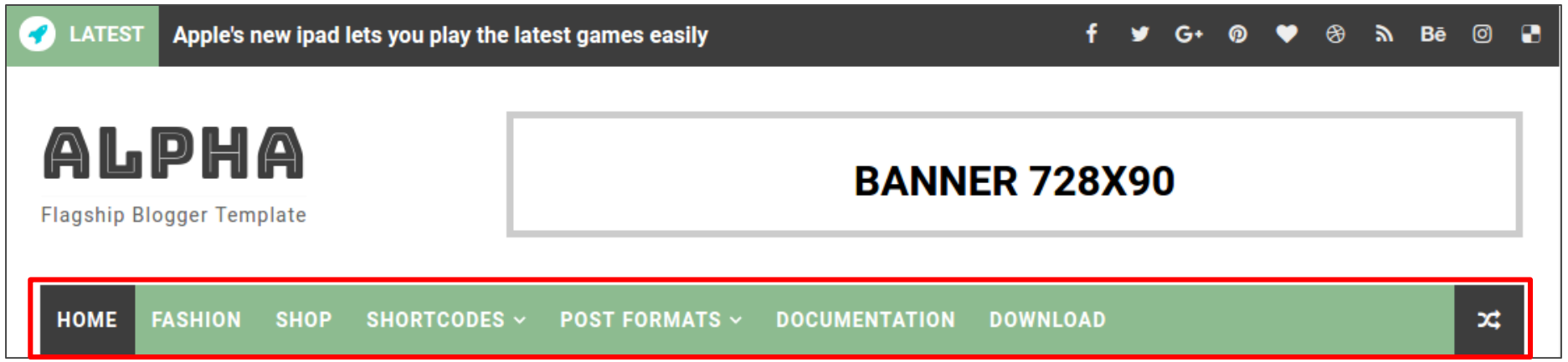
<page-header></page-header>

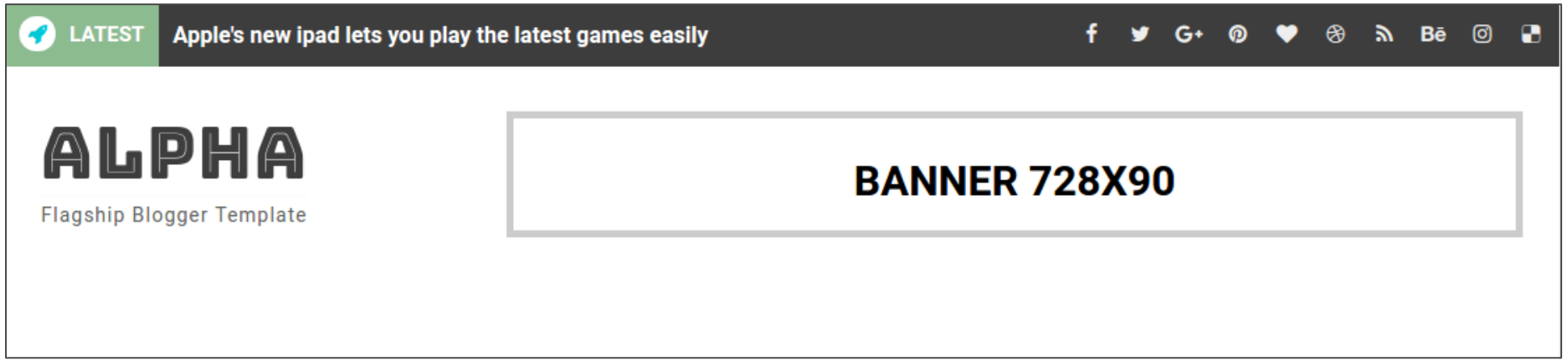
<article-list></article-list>

<side-bar></side-bar>

<page-footer></page-footer>

</app-root>


LATEST
Apple's new ipad lets you play the latest games easily
ALPHA
Flagship Blogger Template
BANNER 728X90
HOME
FASHION
SHOP
SHORTCODES
POST FORMATS
DOCUMENTATION
DOWNLOAD


LATEST
Apple's new ipad lets you play the latest games easily
ALPHA
Flagship Blogger Template
BANNER 728X90

HOME
FASHION
SHOP
SHORTCODES
POST FORMATS
DOCUMENTATION
DOWNLOAD

Enter keyword...

About & Social

APLHA BLOG

Our flagship theme is highly customizable through the options panel, so you can modify the design, layout and typography.

JOIN OUR SITE

Popular

Apple's new ipad lets you play the latest games easily

The Best smartphones you can purchase right now in 2016

VLC Player hits Apple TV so you can play your home

Questions every urban traveler should consider ? travelling

How to Use Your Smartphone Battery Last Longer

Sponsor

AD BANNER

Categories

ANDROID BREAK FOOD
GADGETS IOS IPAD MOBILE
NEWS SLIDER SPORT
TECHNOLOGY VIDEO WATCH

Enter keyword...

About & Social

APLHA BLOG

Our flagship theme is highly customizable through the options panel, so you can modify the design, layout and typography.

JOIN OUR SITE

Categories

ANDROID BREAK FOOD
GADGETS IOS IPAD MOBILE
NEWS SLIDER SPORT
TECHNOLOGY VIDEO WATCH

Popular

Apple's new ipad lets you play the latest games easily

The Best smartphones you can purchase right now in 2016

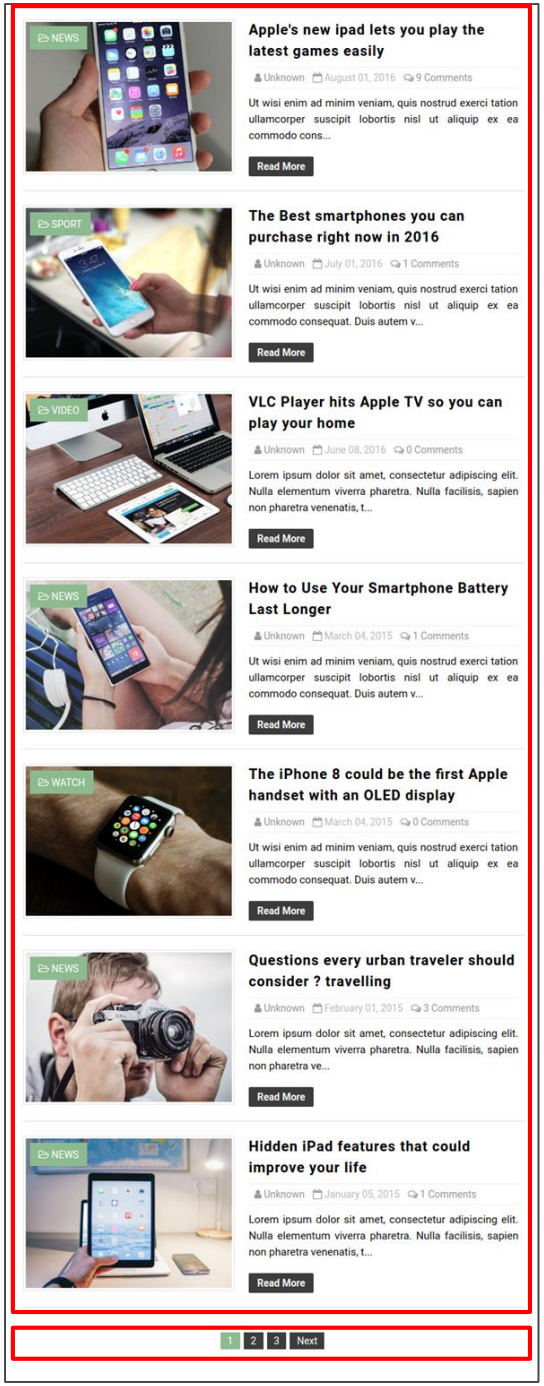
VLC Player hits Apple TV so you can play your home

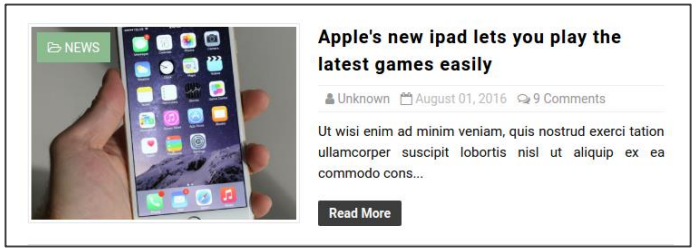
Questions every urban traveler should consider ? travelling

How to Use Your Smartphone Battery Last Longer

Sponsor

AD BANNER





重複使用一種 component 但給予不同文章

Tags

ANDROID BREAK FOOD
GADGETS IOS IPAD MOBILE
NEWS SLIDER SPORT
TECHNOLOGY VIDEO WATCH

Newsletter

Enter your email address to subscribe to this blog and receive notifications of new posts by email.

Email address...

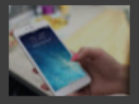
SUBMIT

Categories

- Gadgets
- Ipad
- Mobile
- News
- Sport
- Technology
- Video
- Watch

Popular Posts

Apple's new ipad lets you play the latest games easily


The Best smartphones you can purchase right now in 2016

VLC Player hits Apple TV so you can play your home

Questions every urban traveler should consider ? travelling

Tags

ANDROID BREAK FOOD
GADGETS IOS IPAD MOBILE
NEWS SLIDER SPORT
TECHNOLOGY VIDEO WATCH

Newsletter

Enter your email address to subscribe to this blog and receive notifications of new posts by email.

Email address...

SUBMIT

Categories

- Gadgets
- Ipad
- Mobile
- News
- Sport
- Technology
- Video
- Watch

Popular Posts

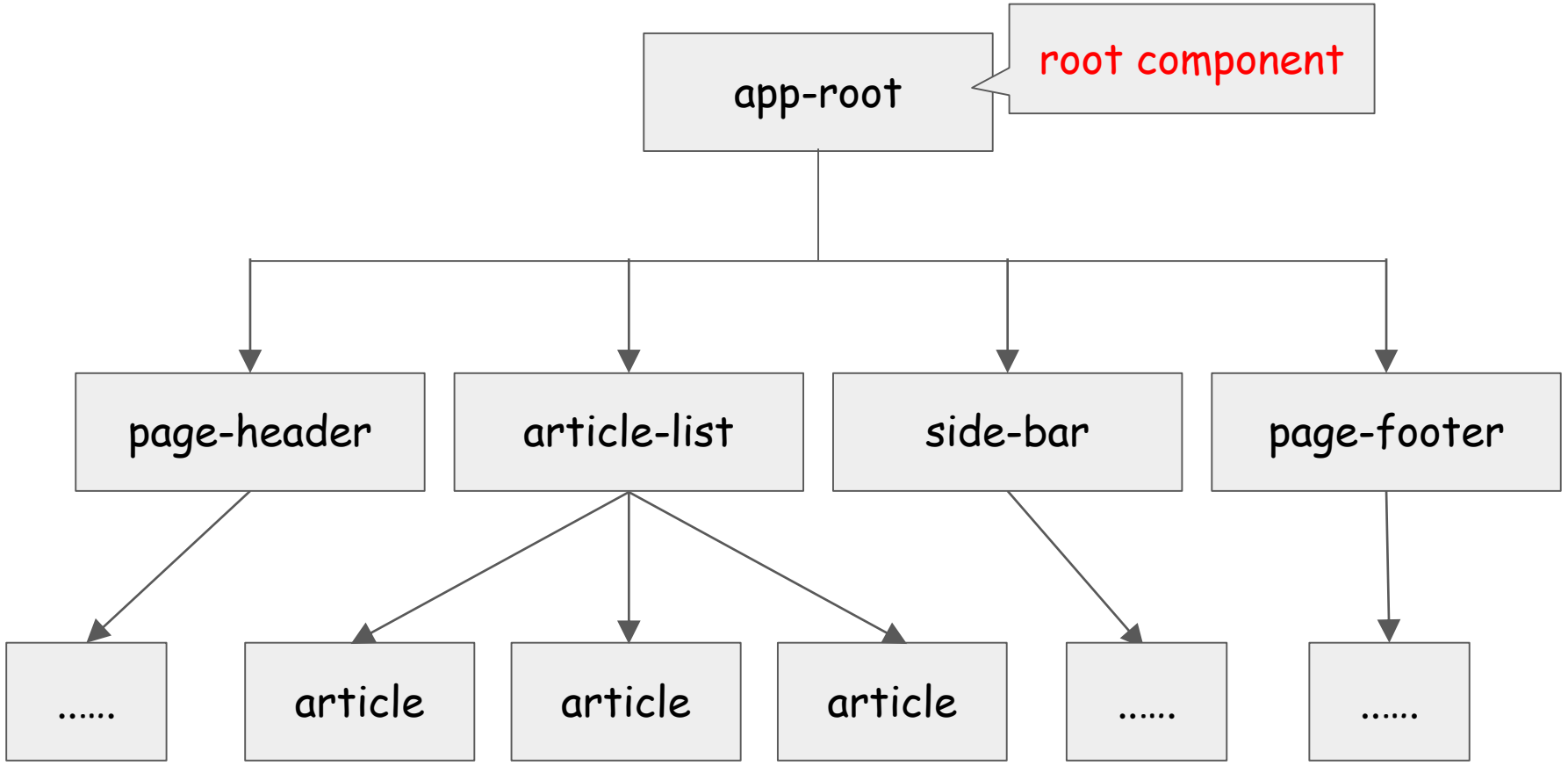
Apple's new ipad lets you play the latest games easily

The Best smartphones you can purchase right now in 2016

VLC Player hits Apple TV so you can play your home

Questions every urban traveler should consider ? travelling

Component Tree



src/app/app.component.ts

```
1  import { Component } from '@angular/core';
2
3  @Component({
4    selector: 'app-root',
5    templateUrl: './app.component.html',
6    styleUrls: ['./app.component.css']
7  })
8  export class AppComponent {
9    title = 'app works!';
10 }
```

Decorator 裝飾器

自定義標籤 (html)

樣板檔

樣式檔，可多個

裝飾對象

src/app/app.module.ts

```
6   import { AppComponent } from './app.component';
7
8   @NgModule({
9     declarations: [
10      AppComponent
11    ],
12    imports: [...],
17    providers: [],
18    bootstrap: [AppComponent]
19  })
20  export class AppModule { }
```

任何一個 component 必定歸屬於某一個 module 才能使用 (directive、pipe 也是)

CSS 樣式

- 每個 元件 可以有多個樣式檔
- 元件 的樣式預設互不影響，也不影響全域樣式
- 全域樣式預設會影響 元件，有衝突則以 元件 為準

Decorator 裝飾器

為裝飾對象添加額外資訊

Decorator 裝飾器

class AppModule

class AppComponent

class DataService

class ColorDirective

class FilterPipe

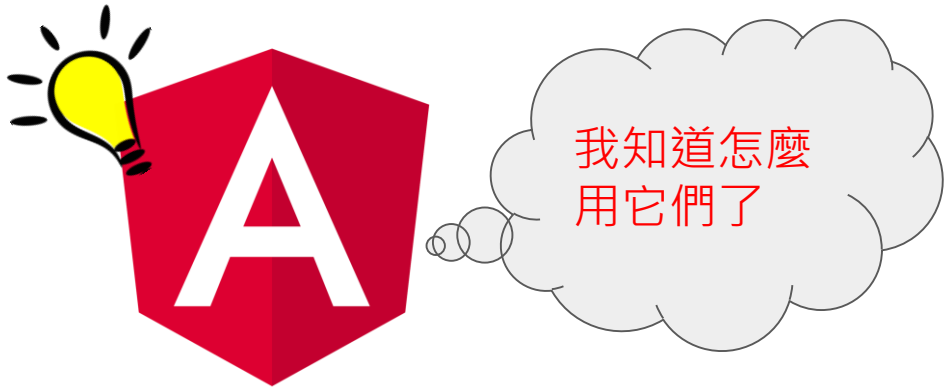
class Post

Decorator 裝飾器

@NgModule()
class AppModule

@Component()
class AppComponent

@Injectable()
class DataService



@Directive()
class ColorDirective

@Pipe()
class FilterPipe

class Post

Decorator 裝飾器

- 為裝飾對象添加額外資訊 (metadata)的函數

記得加 ( )

- 讓 Angular 知道裝飾對象的用途、角色
- 裝飾對象需緊隨其後
- 可用來裝飾：
  - class
  - class member : property、method
  - function argument

```
@Component({...})
export class AppComponent {
  constructor(@Inject('SpecialFoo') public foo:Foo) {}
  @Input() name:string;
}
```

```
@Directive({
  selector: '[tohValidator]'
})
export class ValidatorDirective {
  @HostBinding('attr.role') role = 'button';
  @HostListener('mouseenter') onMouseEnter() {
    // do work
  }
}
```

END