

5. 高雄旅遊網


2020年12月15日 上午 11:26

資料來源:


<https://api.kcg.gov.tw/api/service/get/9c8e1450-e833-499c-8320-29b36b7ace5c>

呈現所有資料的畫面


-全部-




營業時間: 10:00-18:00
地址: 高雄市807三民區三德街100巷8號
電話: 886-7-2856234




營業時間: 09:00-18:00(週一公休, 連續假日除外)
地址: 高雄市820岡山區大社路80巷
電話: 886-7-6282100
費用: 天空美術門券: 全票: NT\$80元, 現為推廣優惠票NT\$60元 (一般市民)半票: NT\$40元, 現為推廣優惠票NT\$30元 (7歲以上未滿十二歲兒童, 在學學生, 持高屏好好玩卡者)團體...




營業時間: 全天候開放
地址: 高雄市801前金區開港路前金區可專路、河西路
電話: 886-7-7995678




營業時間: 假日: 09:00-17:00
地址: 高雄市830鳳山區勝利路10號
電話: 886-7-3225136




營業時間: 09:00-17:00(週一公休)
地址: 高雄市803鹽埕區中正路272號
電話: 886-7-5312560
費用: 免費




營業時間: 全天候開放
地址: 高雄市851梓林區梓林路632號
電話: 886-7-6801045




營業時間: 09:00-17:00(週一公休)
地址: 高雄市848桃源區南港路180號
電話: 886-7-6861277



營業時間: 全天候開放
地址: 高雄市848桃源區翠山里277巷福源茶樓
電話: 886-7-6861132



營業時間: 週一-週四: 10:00-18:00 週五-週日: 10:00-20:00
地址: 高雄市901鹽埕區大勇路1號
電話: 886-7-5214899



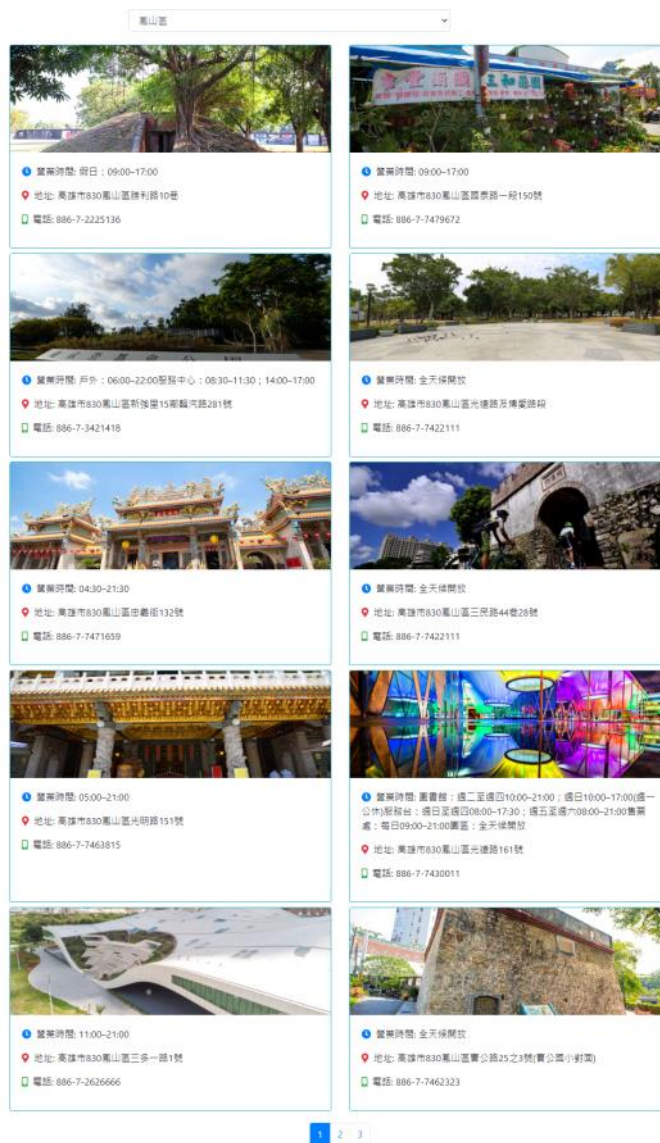
營業時間: 每日09:00-17:00(國定假日除外, 週日及例假休息)
地址: 高雄市820岡山區新橋路55號
電話: 886-7-6258111
費用: 參觀券: NT\$200(滿20歲加送1張)優惠券: NT\$150(滿15歲以上, 除輪岡山、梓林與開港茶館、丹南等處或軍警證、持學生證: 滿20歲加送1張)團體券: NT\$50(視人數而定)...

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

依不同區域呈現該區資料的畫面



kcg-travel



1. 設計基本畫面

```
<div class="banner">
  <div class="display-1 p-5 text-white font-weight-bold">
    高雄好行
  </div>
</div>
<div class="container">=
</div>
```

```
.banner{
  background-image: url(images/photo01.jpg);
  height: 280px;
  background-position: center center;
  background-size: cover;
}
```

```
<div class="container">
  <div class="row justify-content-center" style="margin-top: -20px">
    <div class="col-md-6">
      <select name="" id="" class="form-control">
        <option value="">--全部--</option>
      </select>
    </div>
  </div>
  <div class="row">
    <div class="col-md-6 mt-4">
      <div class="card border-info">
        <div style="background-image: url(images/photo02.jpg);" class="bg-cover"></div>
        <div class="card-body">
          <h5><i>class="fas fa-clock text-primary mr-2"></i>營業時間: 09:00-17:00</h5>
          <h5><i>class="fas fa-map-marker-alt text-danger mr-2"></i>地址: 高雄市830鳳山區國泰路一段150號</h5>
          <h5><i>class="fas fa-mobile-alt text-success mr-2"></i>電話: 886-7-7479672</h5>
          <h5><i>class="fas fa-money-bill text-success mr-2"></i>費用: 天空廊道門票: 全票: NT$80元。現為推廣優惠價NT$60元 (一般民眾) 半票: NT$40元。現為</h5>
        </div>
      </div>
    </div>
  </div>
</div>
</div>
```

```
.bg-cover{
  height: 180px;
  background-position: center center;
  background-size: cover;
}
```

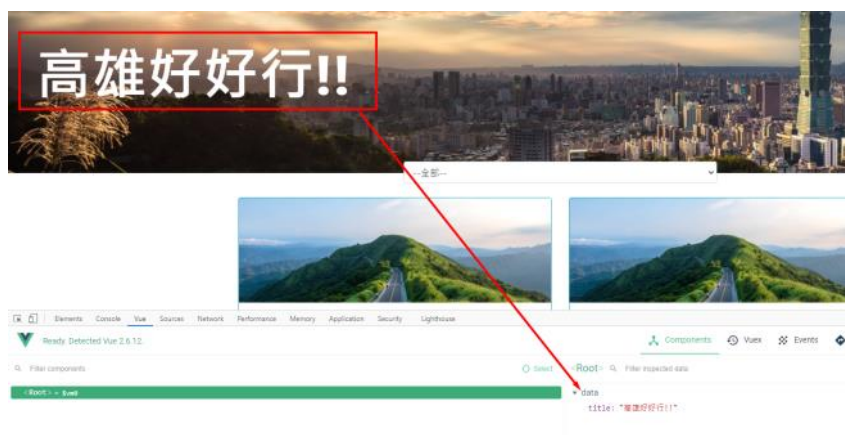
將select往上移動疊於banner之上，並搭配font awesome排版card內容



2. 使用Vue綁定資料

```
<script>
  var app = new Vue({
    el: "#app",
    data: {
      title: '高雄好好行!!'
    }
  });
</script>
```

```
<div id="app">
  <div class="banner">
    <div class="display-1 p-5 text-white font-weight-bold">
      {{title}}
    </div>
  </div>
  <div class="container">
    <div>
  </div>
</div>
```



3. 串接Opendata 使用axios

參考 <https://github.com/axios/axios>

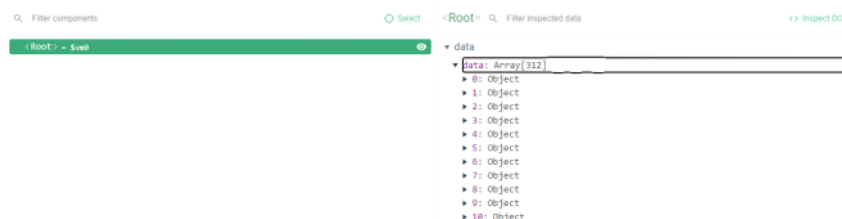
由於這是一開始就必須載入的資料，因此寫在 created

```
<script>
var app = new Vue({
  el: "#app",
  data: {
    title: '高雄好好行!!'
  },
  created() {
    const url = 'https://api.kcg.gov.tw/api/service/get/9c8e1450-e833-499c-8320-29b36b7ace5c';
    axios.get(url)
      .then(function (response) {
        // handle success
        console.log(response);
      })
      .catch(function (error) {
        // handle error
        console.log(error);
      })
      .then(function () {
        // always executed
      });
  }
});
</script>
```



將外部資料儲放於vue data

```
created() {
  const vm = this; //避免this 重複使用
  const url = 'https://api.kcg.gov.tw/api/service/get/9c8e1450-e833-499c-8320-29b36b7ace5c';
  axios.get(url)
    .then(function (response) {
      // handle success
      vm.data = response.data.data.XML_Head.Infos.Info;
      console.log(vm.data);
    })
    .catch(function (error) {
      // handle error
      console.log(error);
    })
    .then(function () {
      // always executed
    });
}
```



style="{background-image: url(item.Picture1)}"

用vue綁定的語法

:style="{backgroundImage: 'url(' + item.Picture1 + ')'"}

v-if="item.Ticketinfo"

沒有票價資訊的就不顯示該欄位

```

<div class="col-md-6 mt-4" v-for="(item, key) in data">
  <div class="card border-info h-100">
    <div :style="{backgroundImage: 'url(' + item.Picture1 + ')'}" class="bg-cover"></div>
    <div class="card-body">
      <h5>
        <i class="fas fa-clock text-primary mr-2"></i>營業時間: {{item.Opentime}}
      </h5>
      <h5>
        <i class="fas fa-map-marker-alt text-danger mr-2"></i>地址: {{item.Add}}
      </h5>
      <h5>
        <i class="fas fa-mobile-alt text-success mr-2"></i>電話: {{item.Tel}}
      </h5>
      <h5 v-if="item.Ticketinfo">
        <i class="fas fa-money-bill text-success mr-2"></i>費用: {{item.Ticketinfo}}
      </h5>
    </div>
  </div>
</div>

```



4. 過濾資料

將10筆資料分類擺放 [[0-9], [10-20], [21-30], ...]

```

computed: {
  filterData() {
    const vm = this;

    const newData = [];
    vm.data.forEach((item, i) => {
      if(i%10 === 0){
        newData.push([]);
      }
      const page = parseInt(i/10); //取正整數
      newData[page].push(item);
    });
    console.log(newData);
    return newData;
  }
}

```

[illegible]

```
index03.html:103  

(32) [Array(10), Array(10), Array(10), Array(10), Array(10), Array(10), A  

▼ 0), Array(10), Array(10), Array(10), Array(10), Array(10), Array(10), Arra  

    y(10), Array(10), Array(10), Array(10), Array(10), Array(10), Array(10)  

    , Array(10), Array(10), Array(10), Array(10), Array(10), Array(2)] f  

▶ 0: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 1: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 2: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 3: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 4: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 5: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 6: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 7: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 8: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 9: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 10: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 11: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 12: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 13: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 14: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 15: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 16: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 17: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 18: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 19: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 20: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 21: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 22: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 23: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 24: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 25: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 26: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 27: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 28: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 29: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 30: (10) [{}, {}, {}, {}, {}, {}, {}, {}, {}, {}]  

▶ 31: (2) [{}, {}]  

length: 32  

__proto__: Array(0)
```

```
<div class="row">
  <div class="col-md-6 mt-4" v-for="(item, key) in filterData[currentPage]">
    <div class="card border-info h-100">
      </div>
    </div>
  </div>
</div>
```

```
data: {
  title: '高雄好好行!!',
  data: [],
  currentPage: 0
},
```

只會顯示出前十筆資料



5. 計算共有幾個行政區並將區域名稱儲存

利用new Set()資料唯一的特性，將所有的資料擺入即可得到所有的行政區名稱
但由於Set()資料型態不是陣列，因此存入regions必須利用Array.from轉換

```
methods: {
  getRegion() {
    const vm = this;
    const regions = new Set();
    vm.data.forEach((item, i) => {
      regions.add(item.Add.substring(6, 9));
    });
    vm.regions = Array.from(regions);
  },
}
```

```
data: {
  title: '高雄好好行!!!',
  data: [], //全部的資料
  currentPage: 0, //select目前所顯示的頁面
  regions: [] //所有的行政區
},
```


在載入資料成功後取出行政區的資料

```
created() {  
  const vm = this; //避免this 重複使用  
  const url = 'https://api.kcg.gov.tw/api/service/get/9c8e1450-e833-499c-8320-29b36b7ace5c';  
  axios.get(url)  
    .then(function (response) {  
      // handle success  
      vm.data = response.data.data.XML_Head.Infos.Info;  
      vm.getRegion();  
      console.log(vm.data);  
    })  
    .catch(function (error) {  
      // handle error  
      console.log(error);  
    })  
    .then(function () {  
      // always executed  
    });  
},
```

▼ data

currentPage: 0

▶ data: Array[312]

▼ regions: Array[38] ✎ ⊕ ⋮

0: "三民區"
1: "岡山區"
2: "前金區"
3: "鳳山區"
4: "鹽埕區"
5: "茂林區"
6: "桃源區"
7: "小港區"
8: "新興區"
9: "美濃區"
10: "永安區"
11: "六龜區"
12: "田寮區"
13: "杉林區"
14: "燕巢區"
15: "內門區"
16: "旗山區"
17: "旗津區"
18: "左營區"
19: "鼓山區"
20: "那瑪夏"
21: "苓雅區"
22: "鳥松區"
23: "橋頭區"
24: "大社區"
25: "楠梓區"
26: "前鎮區"

綁定regions資料於select

```
<div class="row justify-content-center" style="margin-top: -20px">  
  <div class="col-md-6">  
    <select name="" id="" class="form-control">  
      <option value="">--全部--</option>  
      <option :value="item" v-for="item in regions">{{ item }}</option>  
    </select>  
  </div>  
</div>
```




綁定currentLocation

```
<div class="row justify-content-center" style="margin-top: -20px">
  <div class="col-md-6">
    <select name="" id="" class="form-control" v-model="currentLocation">
      <option value="">--全部--</option>
      <option :value="item" v-for="item in regions">{{ item }}</option>
    </select>
  </div>
</div>
```

```
data: {
  title: '高雄好好行!!',
  data: [], //全部的資料
  currentPage: 0, //select目前所顯示的頁面
  regions: [], //所有的行政區
  currentLocation: '' //目前所選取的行政區
},
```



6. 製作pagination

filterData 的資料型態為二維陣列 `[[], [], [], ...]`

```

<div id="app">
  <div class="banner">
    <div class="display-1 p-5 text-white font-weight-bold">
      {{title}}
    </div>
  </div>
  <div class="container">
    <div class="row justify-content-center" style="margin-top: -20px">=
    </div>
    <div class="row my-3">=
    </div>
    <div class="row justify-content-center">
      <nav aria-label="Page navigation example">
        <ul class="pagination">
          <li class="page-item" v-for="page in filterData.length">
            <a class="page-link" href="#">{{ page }}</a>
          </li>
        </ul>
      </nav>
    </div>
  </div>
</div>

```

陣列位址從0開始，因此頁數必須減一

@click.prevent=" currentPage = page-1" prevent避免頁面移動

```

<nav aria-label="Page navigation example">
  <ul class="pagination">
    <li class="page-item" v-for="page in filterData.length" :class="{active : currentPage === page-1}">
      <a class="page-link" href="#" @click.prevent=" currentPage = page-1">{{ page }}</a>
    </li>
  </ul>
</nav>

```



7. 以行政區過濾景點資料

currentLocation沒有資料時表示未選擇區域名稱以全部的資料擺放入items

currentLocation有資料時以filter過濾出該行政區的資料擺放入items

再以過濾後的資料items進行資料分組

```

computed: {
  filterData() {
    const vm = this;
    let items = []; //let 定義可變動的資料

    if(vm.currentLocation !== ''){
      items = vm.data.filter((item, i) => {
        return item.Add.substring(6, 9) === vm.currentLocation
      }); //filter 會將符合條件的回傳存入item
    }else{
      items = vm.data;
    }

    console.log(items)

    const newData = []; //[[], [], [], .....]
    items.forEach((item, i) => {
      if(i%10 === 0){
        newData.push([]);
      }
      const page = parseInt(i/10); //取正整數
      newData[page].push(item);
    });
    console.log(newData);
    return newData;
  }
}

```



鳳山區

<p>● 營業時間: 全天候開放 ● 地址: 高雄市830鳳山區勝利路 ● 電話: 886-7-7422111</p>	<p>● 營業時間: 平日: 10:30-17:30 (17:00截止售票, 週一、二、四、六、日: 10:30-18:30 (18:00截止售票) ● 地址: 高雄市830鳳山區鳳凰廟前街62號 ● 電話: 886-7-7405362 ● 費用: 全票: NT\$66 優待票: NT\$39 (持學生證、週六、週日及國定假日免入場之本市市民、團體人數20人以上優惠票: NT\$29) (歲以上未滿六歲之兒童、六十五歲以上民眾、持身志願服務證...)</p>
<p>● 營業時間: 全天候開放 ● 地址: 高雄市830鳳山區復興街與立立街口 ● 電話: 886-7-7422111</p>	<p>● 營業時間: 05:00-21:30 ● 地址: 高雄市830鳳山區科口里三民路285-1號 ● 電話: 886-7-7469637</p>
<p>● 營業時間: 04:47~24:34 ● 地址: 高雄市830鳳山區普公路68號 ● 電話: 886-7-7460423</p>	<p>● 營業時間: 07:30-22:00 ● 地址: 高雄市830鳳山區普公路一段220號 ● 電話: 886-7-7479641</p>
<p>● 營業時間: 08:30-17:30 ● 地址: 高雄市830鳳山區中正路172號 ● 電話: 886-7-7462676</p>	<p>● 營業時間: 隨發還申請參觀 ● 地址: 高雄市830鳳山區普公路1號 ● 電話: 886-7-7436982</p>
<p>● 營業時間: 05:30-21:00 ● 地址: 高雄市830鳳山區鳳凰廟前街66號 ● 電話: 886-7-7468360</p>	<p>● 營業時間: 全天候開放 ● 地址: 高雄市830鳳山區鳳凰廟前街的綠帶 ● 電話: 886-7-7422111</p>

1 2 3

