2020/10/15 課堂練習步驟 洪瑞陽

1.測試 ajax 資料交換


```
151            { ymd: "2017-05-02", title: "Item 3" },
152            { ymd: "2017-05-03", title: "Item 4" },
153            { ymd: "2017-05-04", title: "Item 5" }
154        ];
155
156        // 練習與任務:
157
158 ∨      $.ajax({
159            type:"get",
160            url:"/home/news"
161 ∨      }).then(function(e){
162            alert(e);
163        })
164
165
166
167
```
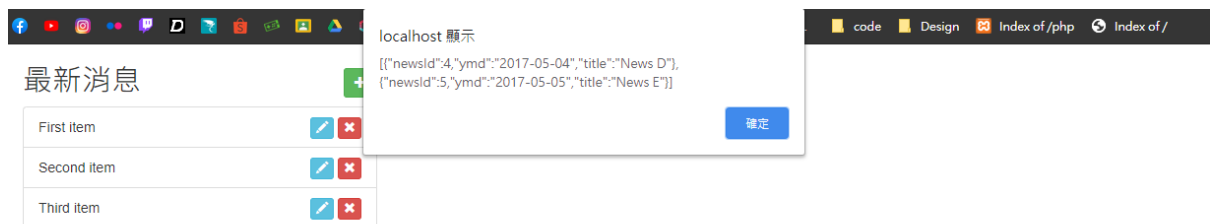
問題　輸出　偵錯主控台　**終端機**   2: node

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請嘗試新的跨平台 PowerShell https://aka.ms/pscore6

PS D:\資策會\jQuery\jQuery\Lab_Integrated> node app.js
Web伺服器就緒，開始接受用戶端連線．
鍵盤「Ctrl + C」可結束伺服器程式．

最新消息   localhost 顯示
                          [{"newsId":4,"ymd":"2017-05-04","title":"News D"},
                          {"newsId":5,"ymd":"2017-05-05","title":"News E"}]
First item

Second item   確定

Third item

2. 取得資料後，顯示在瀏覽器上面

```
158
159    $.ajax({
160        type:"get",
161        url:"/home/news"
162    }).then(function(e){
163        newsList = JSON.parse(e);
164        renewUi();
165    })
166
167    function renewUi(){
168        $("#latestNews").empty();
169        $.each(newsList,function(index,obj){
170            var titleText = `${obj.title} [${obj.ymd}]`
171            var newText = $("<li></li>").text(titleText).addClass("list-group-ite
172            newText.append('<span class="pull-right"><button class="btn btn-info
173            $("#latestNews").append(newText);
174        })
175    }
176
```

最新消息   +

| News D [2017-05-04] | ✏ ✖ |
| News E [2017-05-05] | ✏ ✖ |

3.點#newItem，跳出新增修改對話框

```javascript
$("#newItem").on("click",function(){
    $("#newsModal").modal({ backdrop: "static" });
})
```

4.製作新增功能，並修改 renewUi()，按下確定後會刷新一次頁面，讓新增的一筆資料
出現在瀏覽器上面

```javascript
function renewUi() {
    $("#latestNews").empty();
    $.ajax({
        type: "get",
        url: "/home/news"
    }).then(function (e) {
        newsList = JSON.parse(e);
        renewUi();
    })
    $.each(newsList, function (index, obj) {
        var titleText = `${obj.title} [${obj.ymd}]`
        var newText = $("<li></li>").text(titleText).addClass("list-g
        newText.append('<span class="pull-right"><button class="btn b
        $("#latestNews").append(newText);
    })
}
renewUi();
```

```javascript
//新增
$("#okButton").on("click", function () {
    var addItem = {
        title: $("#titleTextBox").val(),
        ymd: $("#ymdTextBox").val()
    }

    $.ajax({
        type: "post",
        url: "/home/news",
        data: addItem
    }).then(function (e) {
        renewUi();
    })

    $("#newsModal").modal("hide");
})
```

5.微調 renewUi();

```
164          function renewUi() {
165              $("#latestNews").empty();
166
167              $.ajax({
168                  type: "get",
169                  url: "/home/news"
170              }).then(function (e) {
171
172                  newsList = JSON.parse(e);
173                  $.each(newsList, function (index, obj) {
174                      var titleText = `${obj.title} [${obj.ymd}]`
175                      var newText = $("<li></li>").text(titleText).addClass("li
176                      newText.append('<span class="pull-right"><button class="b
177                      $("#latestNews").append(newText);
178                  })
179
```

6.製作刪除按鈕

```
178                  })
179
180              //刪除
181              $(".deleteItem").on("click", function () {
182                  var delItem = $(this).closest("li").index();
183                  $.ajax({
184                      type: "delete",
185                      url: "/home/news",
186                      data: newsList[delItem]
187                  }).then(function () {
188                      renewUi();
189                  })
190              })
191
```

7.製作修改按鈕功能，打開修改的對話框，idetnifyClick = -1;

```
192              //修改
193              $(".editItem").on("click", function () {
194                  identifyClick = -1;
195                  var iIndex = $(this).closest("li").index();
196                  identifyEditIndex = iIndex;
197                  $("#titleTextBox").val(newsList[iIndex].title);
198                  $("#ymdTextBox").val(newsList[iIndex].ymd);
199                  $("#newsModal").modal({backdrop: "static"});
200              })
```

8.

```
206
207              var identifyClick = 0;         //辨識確定修改or確定新增
208              var identifyEditIndex = -1; //辨識打開修改的index
```

9.調整 #newItem click function，idntifyClick = 1;

```
210  |
211          //用新增按鈕打開對話框
212          $("#newItem").on("click", function () {
213              identifyClick = 1; //用來識別是用新增按鈕打開對話框
214
215              //假如之前打開過修改按鈕，舊資料存留在裡面
216              //打開新增按鈕時要清空
217              $("#titleTextBox").val("");
218              $("#ymdTextBox").val("");
219
220              $("#newsModal").modal({backdrop: "static"});
221          })
222
```

10.調整#okButton click function
當 identifyClick = -1，執行修改

```
223          $("#okButton").on("click", function () {
224              //修改確定
225              if (identifyClick == -1) {
226                  newsList[identifyEditIndex].title = $("#titleTextBox").val();
227                  newsList[identifyEditIndex].ymd = $("#ymdTextBox").val();
228                  $.ajax({
229                      type: "put",
230                      url: "/home/news",
231                      data: newsList[identifyEditIndex]
232                  }).then(function (e) {
233                      showToast(e);
234                      renewUi();
235                  })
236                  $("#newsModal").modal("hide");
237
238              }
```

當 identifyClick = 1，執行新增

```
240              //新增確定
241          if (identifyClick == 1) {
242              var addItem = {
243                  title: $("#titleTextBox").val(),
244                  ymd: $("#ymdTextBox").val()
245              }
246              $.ajax({
247                  type: "post",
248                  url: "/home/news",
249                  data: addItem
250              }).then(function (e) {
251                  renewUi();
252              })
253              $("#newsModal").modal("hide");
254          }
255      })
256
```