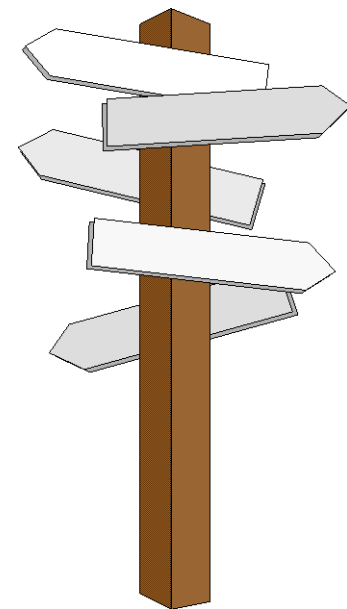


XAMPP安裝說明

- 官網: https://www.apachefriends.org/zh_tw/index.html



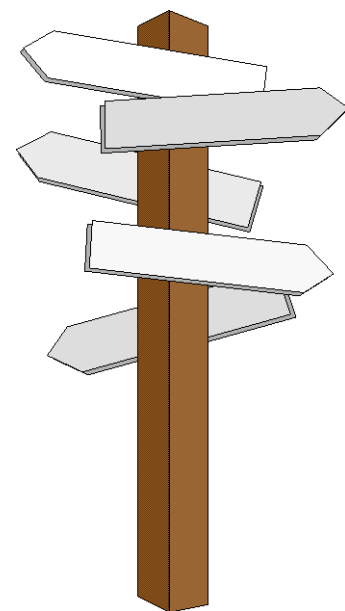
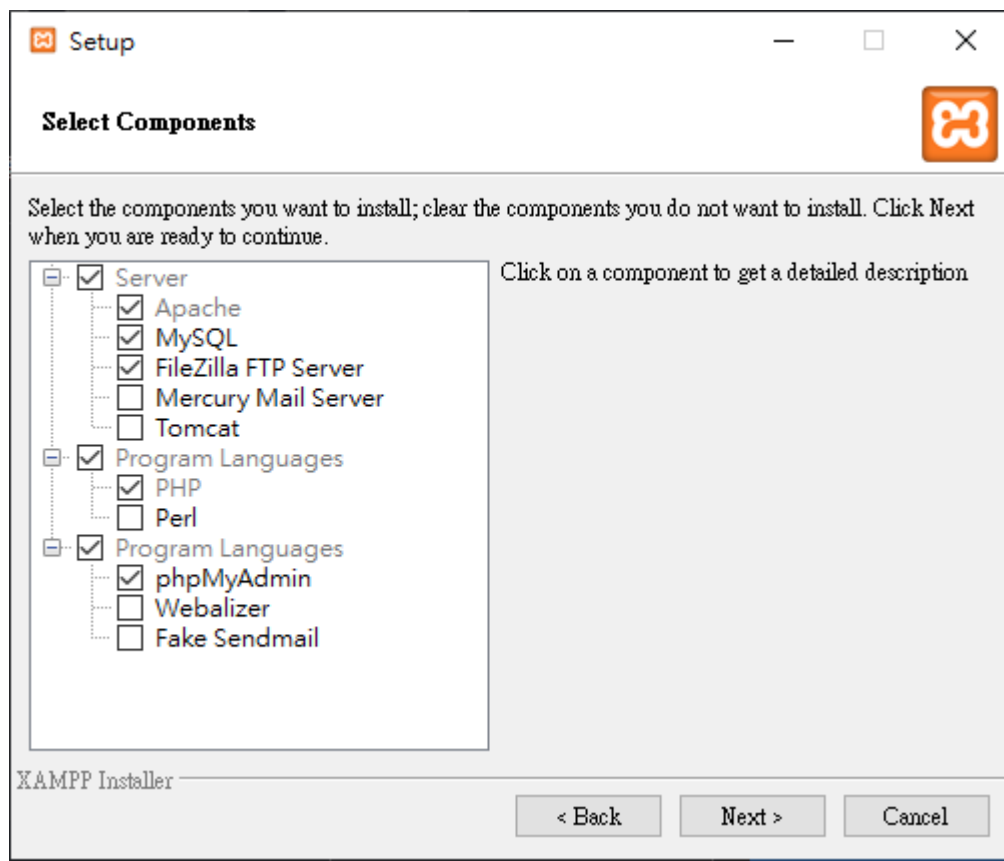
The screenshot shows the XAMPP website interface. At the top is a dark blue navigation bar with the 'Apache Friends' logo and links for '下載' (Download), '擴展' (Extensions), 'Hosting', '社區' (Community), and '關於' (About). A search bar and a language selector set to 'ZH TW' are also present. The main heading is 'XAMPP Apache + MariaDB + PHP + Perl'. Below this, a section titled '什麼是XAMPP?' (What is XAMPP?) explains that XAMPP is the most popular PHP development environment, which is free and easy to install, containing Apache, MariaDB, PHP, and Perl. A video player titled 'Introduction to XAMPP' shows the XAMPP logo. At the bottom, there are three download buttons for 'XAMPP for Windows 8.0.2 (PHP 8.0.2)', 'XAMPP for Linux 8.0.2 (PHP 8.0.2)', and 'XAMPP for OS X 8.0.2 (PHP 8.0.2)'. A green arrow button labeled '下載' (Download) points to a link for other versions.



XAMPP安裝說明

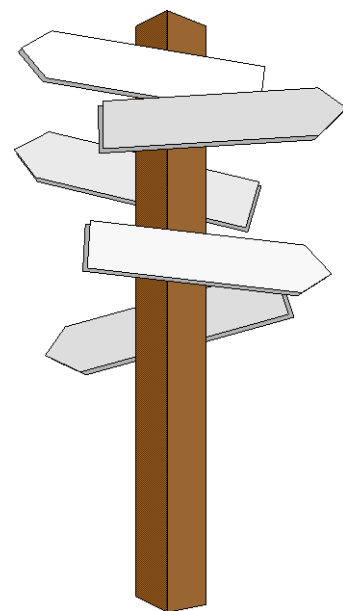
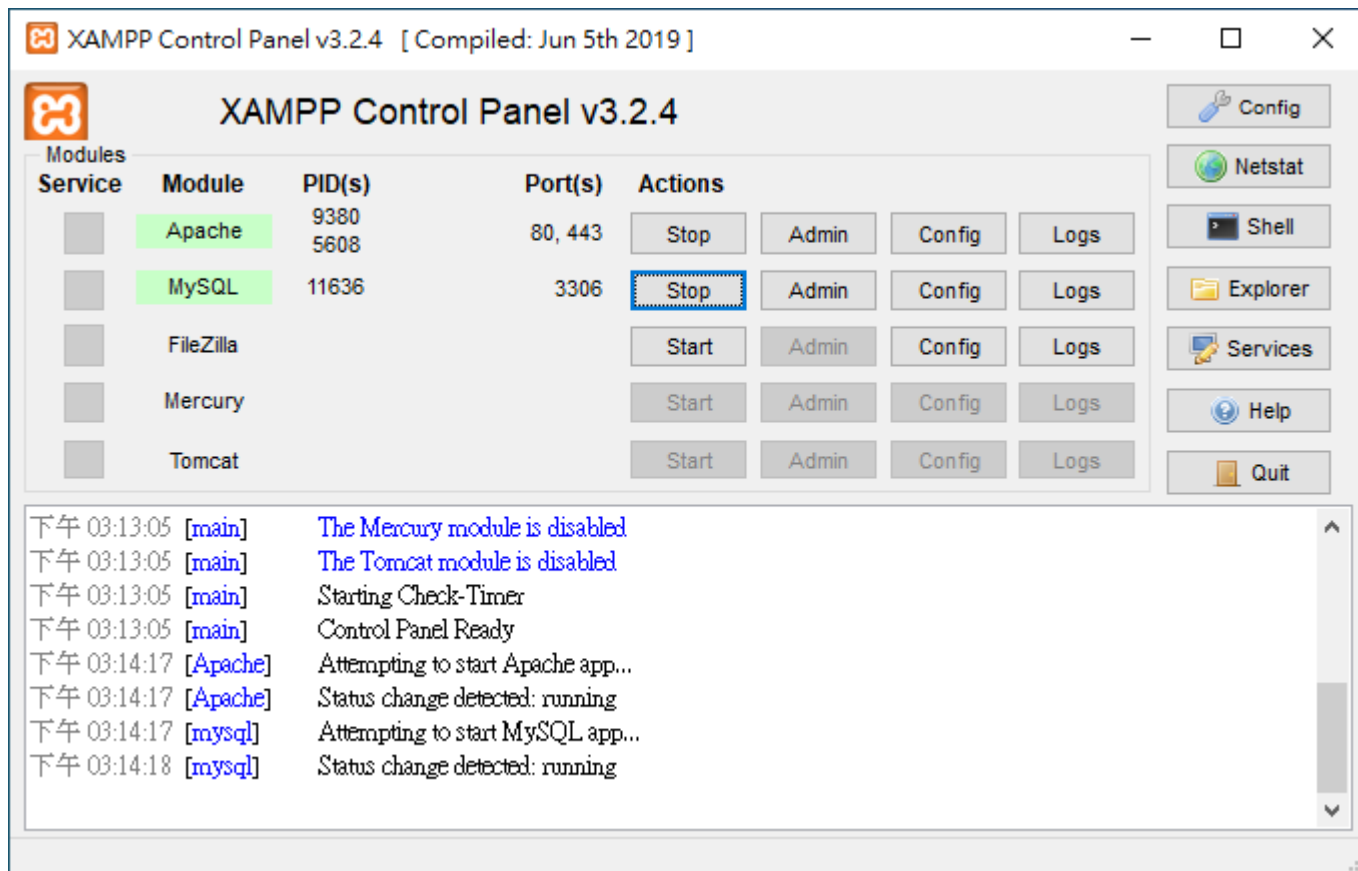
■ 必要安裝：

- Apache、MySQL、PHP、phpMyAdmin



XAMPP安裝說明

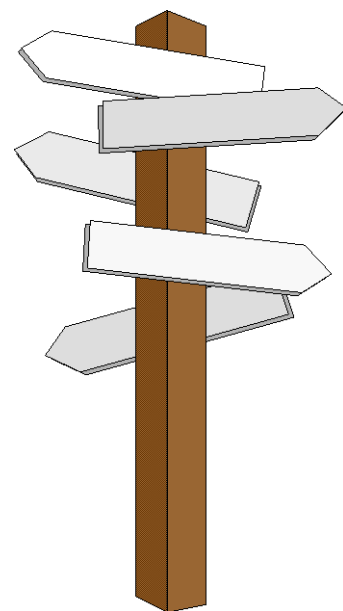
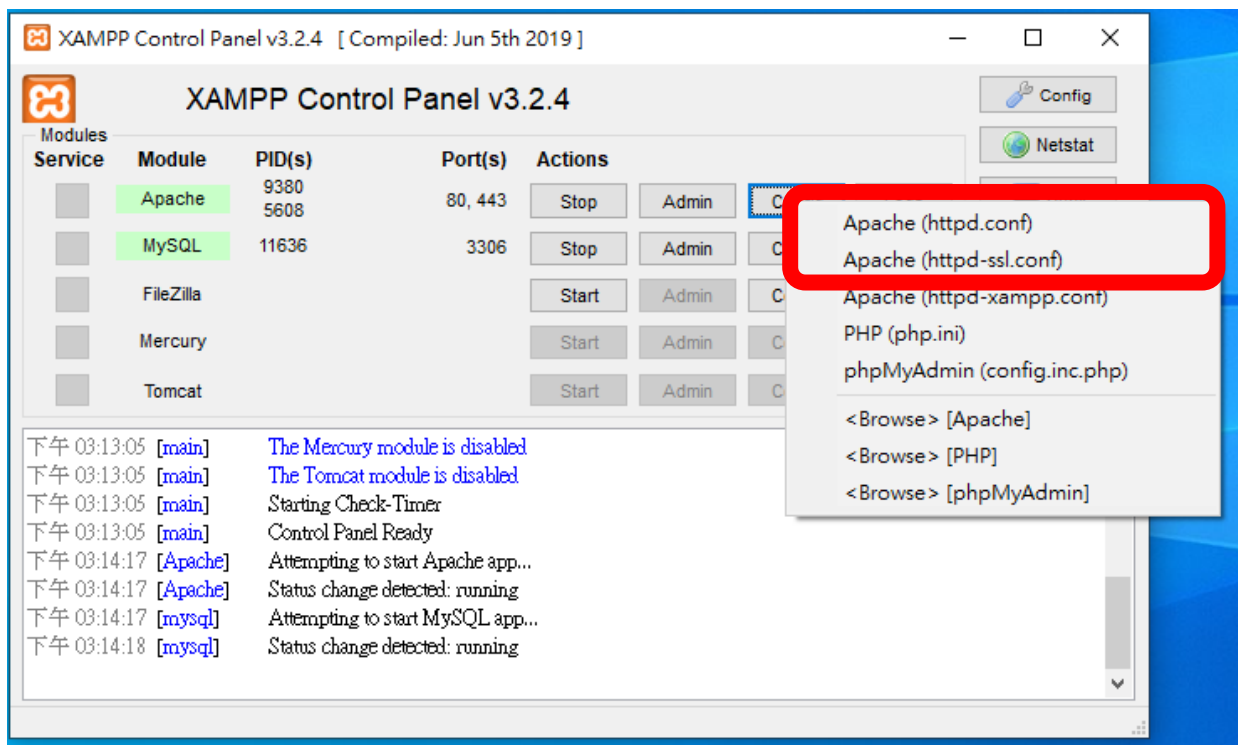
■ 安裝成功



XAMPP安裝說明

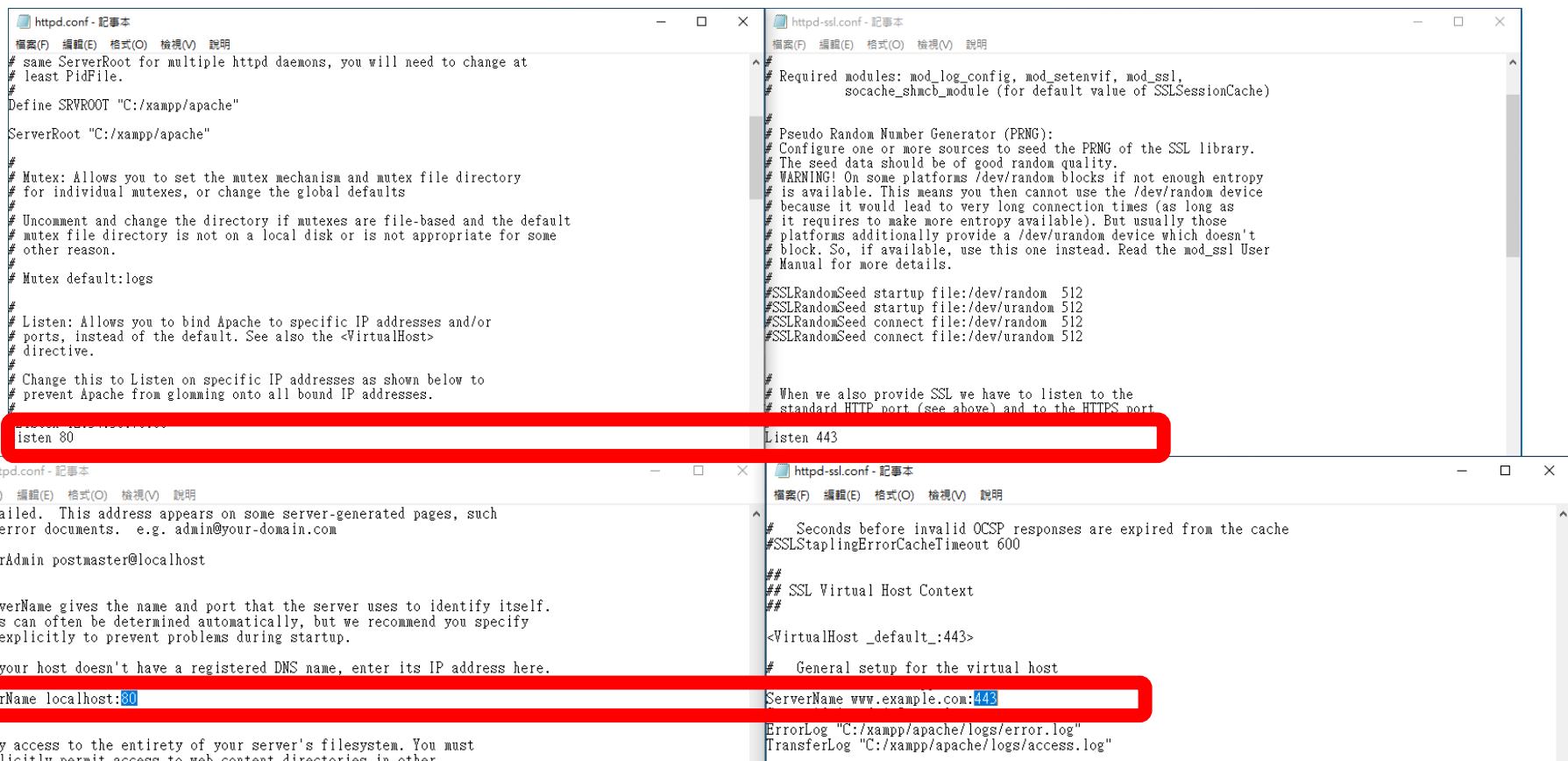
■ 安裝失敗(無法啟動)

- 可能原因: port被其他程式占用(VirtualBox、VMware等)
- 解決方法: 更改port或把虛擬機等程式移除



XAMPP安裝說明

- 更改port: 80->87、8080等未使用port
- 更改port之後，網址要加 :port
- 更改port: 443->446等未使用port



The image shows four windows of the XAMPP configuration files, with red boxes highlighting the changes made to the ports.

httpd.conf - 記事本

```
# Listen 80
```

httpd-ssl.conf - 記事本

```
Listen 443
```

httpd.conf - 記事本

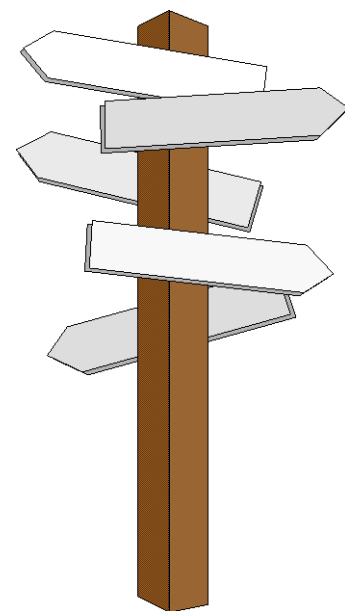
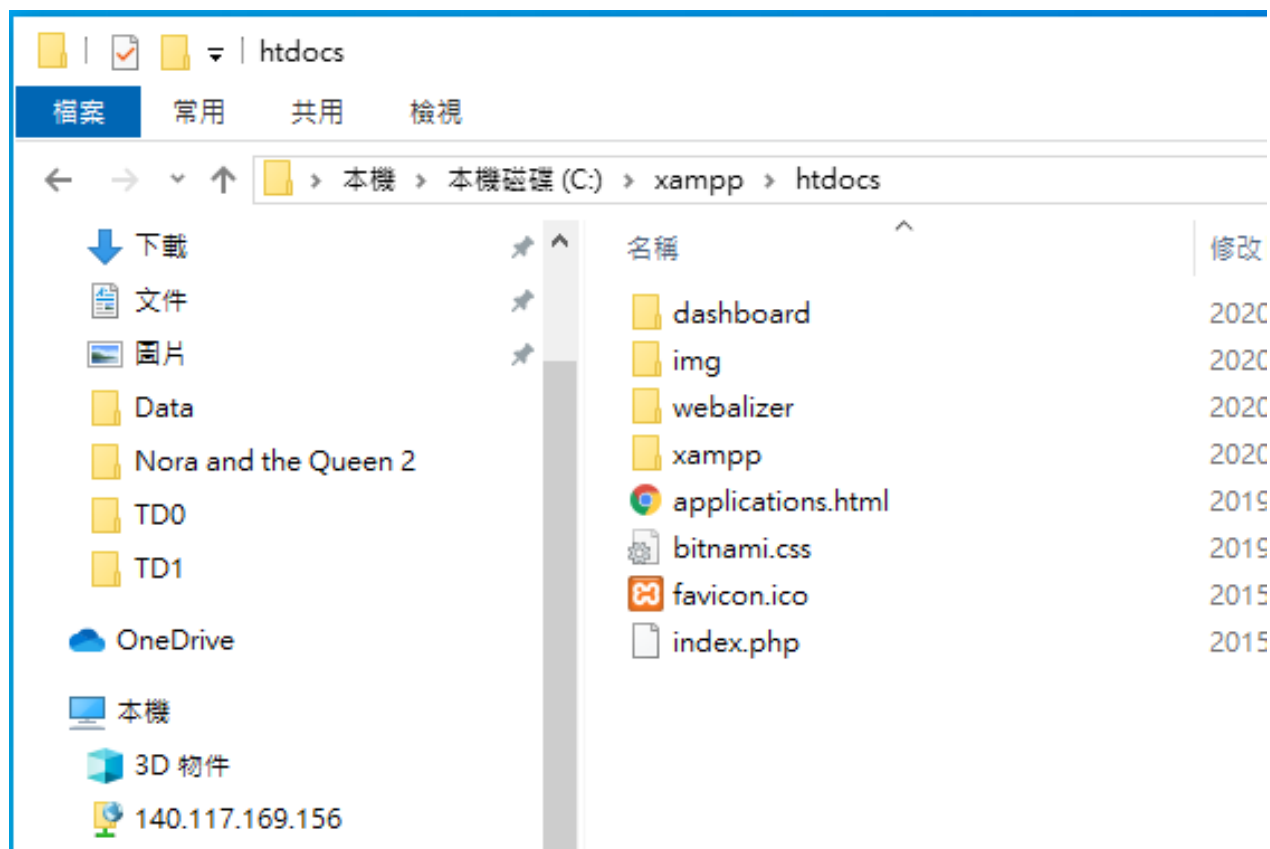
```
ServerName localhost:80
```

httpd-ssl.conf - 記事本

```
<VirtualHost _default_:443>
```

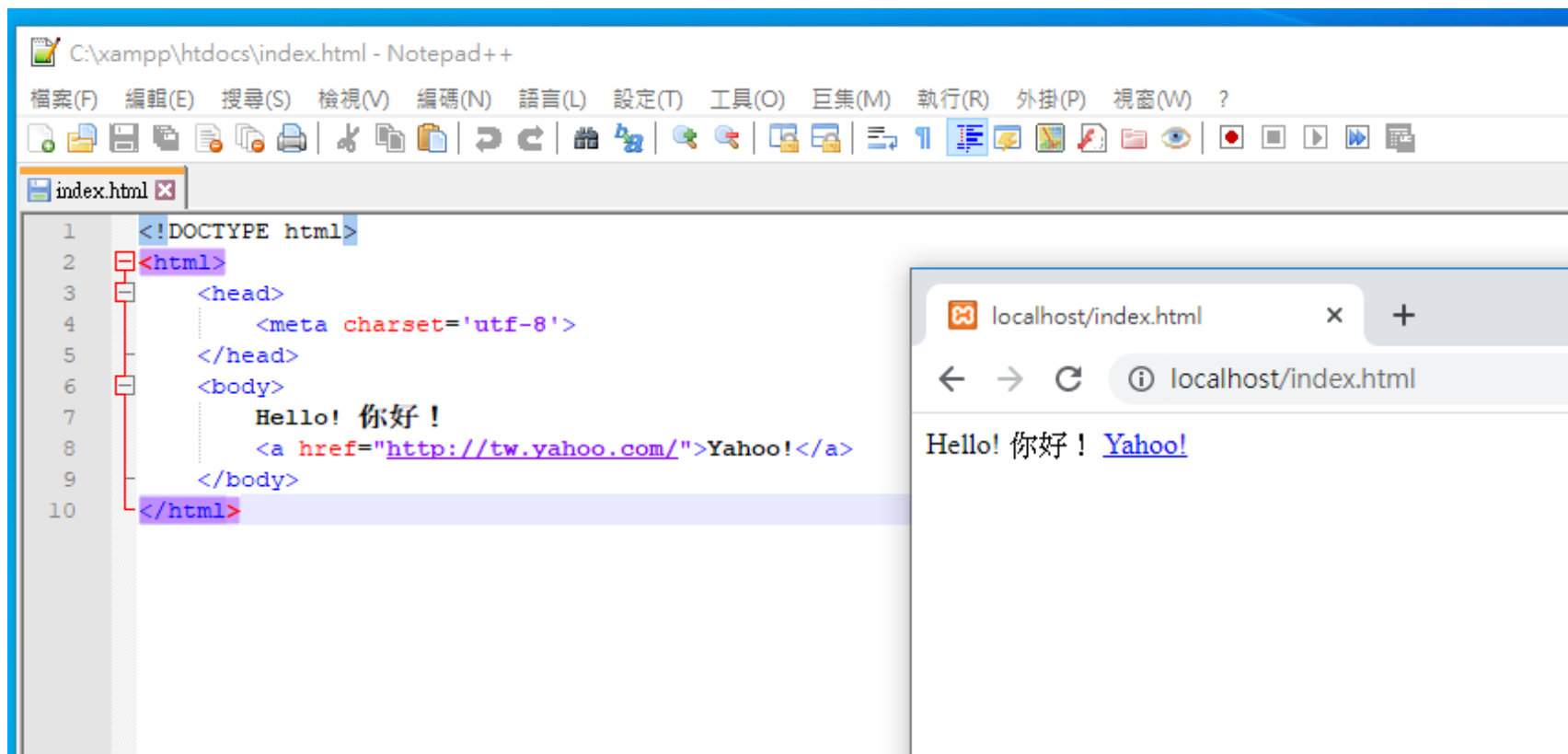
XAMPP安裝說明

- 網頁目錄: 安裝目錄之htdocs為根目錄



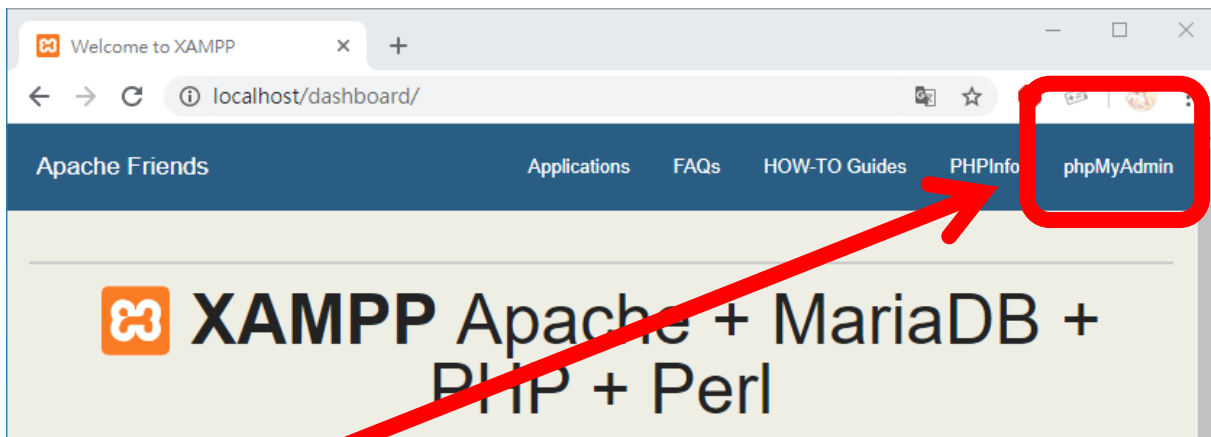
XAMPP安裝說明

■ 網頁目錄: 預設為index.html

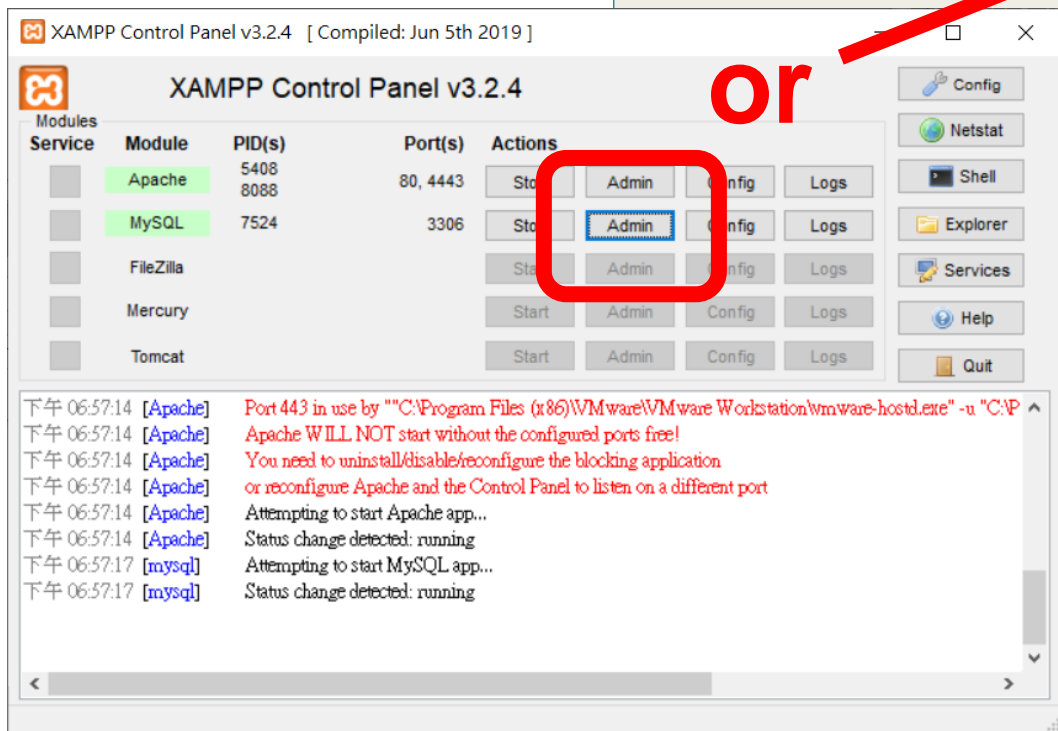


MySQL 資料庫

■ 資料庫設定



or



PP for Windows 7.4.3

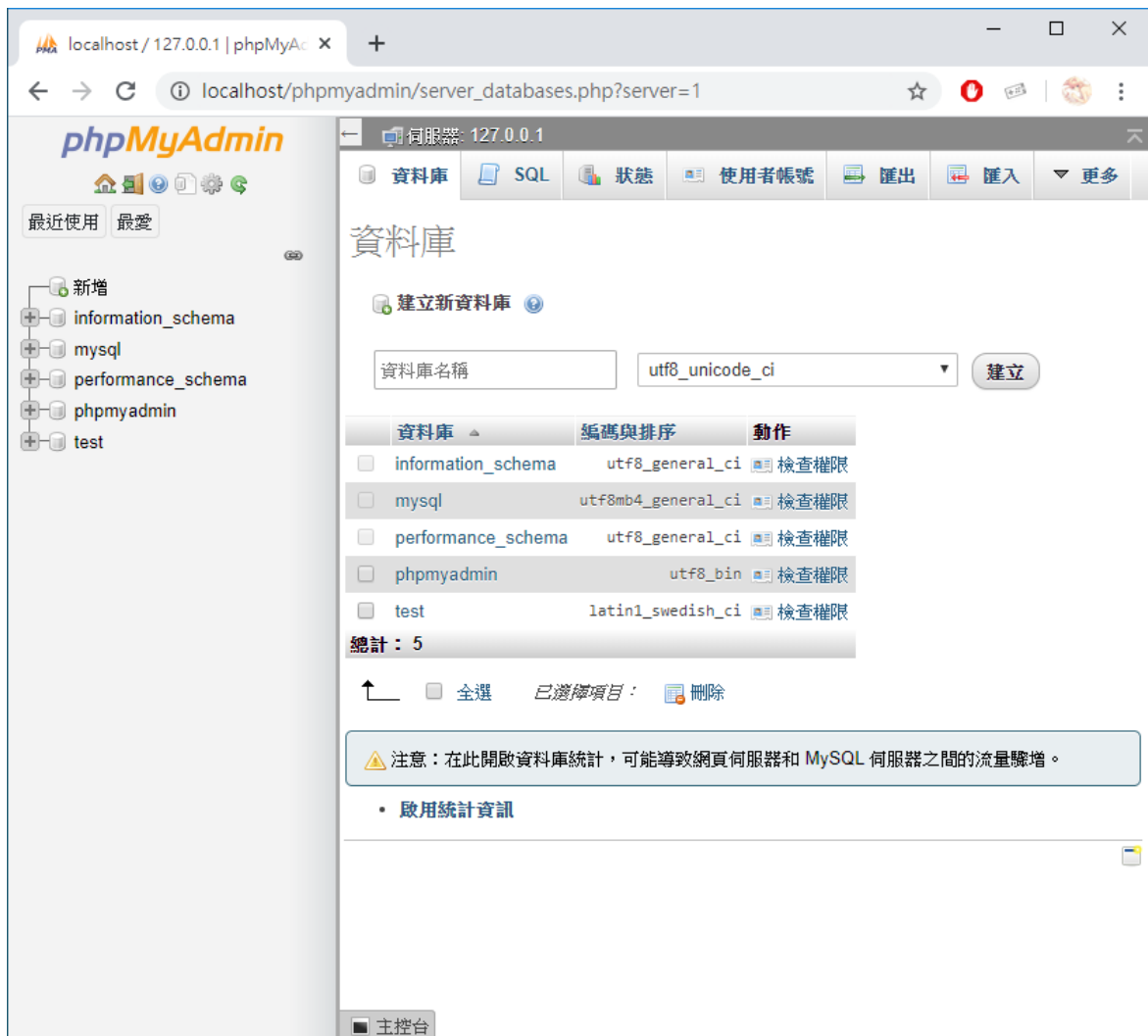
in this system! Now you can start using Apache, MariaDB, PHP and in the FAQs section or check the HOW-TO Guides for getting started

poses. It has certain configuration settings that make it easy to want to have your installation accessible to others. If you want have make sure you understand the implications and you checked the Alternatively you can use WAMP, MAMP or LAMP which are similar duction.

he server status.

MySQL 資料庫

■ 資料庫



localhost / 127.0.0.1 | phpMyAdmin

localhost/phpmyadmin/server_databases.php?server=1

伺服器: 127.0.0.1

資料庫 SQL 狀態 使用者帳號 匯出 匯入 更多

資料庫

建立新資料庫

資料庫名稱: 編碼: utf8_unicode_ci

資料庫	編碼與排序	動作
<input type="checkbox"/> information_schema	utf8_general_ci	<input type="button" value="檢查權限"/>
<input type="checkbox"/> mysql	utf8mb4_general_ci	<input type="button" value="檢查權限"/>
<input type="checkbox"/> performance_schema	utf8_general_ci	<input type="button" value="檢查權限"/>
<input type="checkbox"/> phpmyadmin	utf8_bin	<input type="button" value="檢查權限"/>
<input type="checkbox"/> test	latin1_swedish_ci	<input type="button" value="檢查權限"/>

總計: 5

↑ ☐ 全選 已選擇項目:

⚠ 注意: 在此開啟資料庫統計, 可能導致網頁伺服器與 MySQL 伺服器之間的流量驟增。

- 啟用統計資訊

主控台

MySQL 資料庫

■ 新增資料庫: db



phpMyAdmin

伺服器: 127.0.0.1

資料庫 SQL 狀態 使用者帳號 匯出 匯入

資料庫

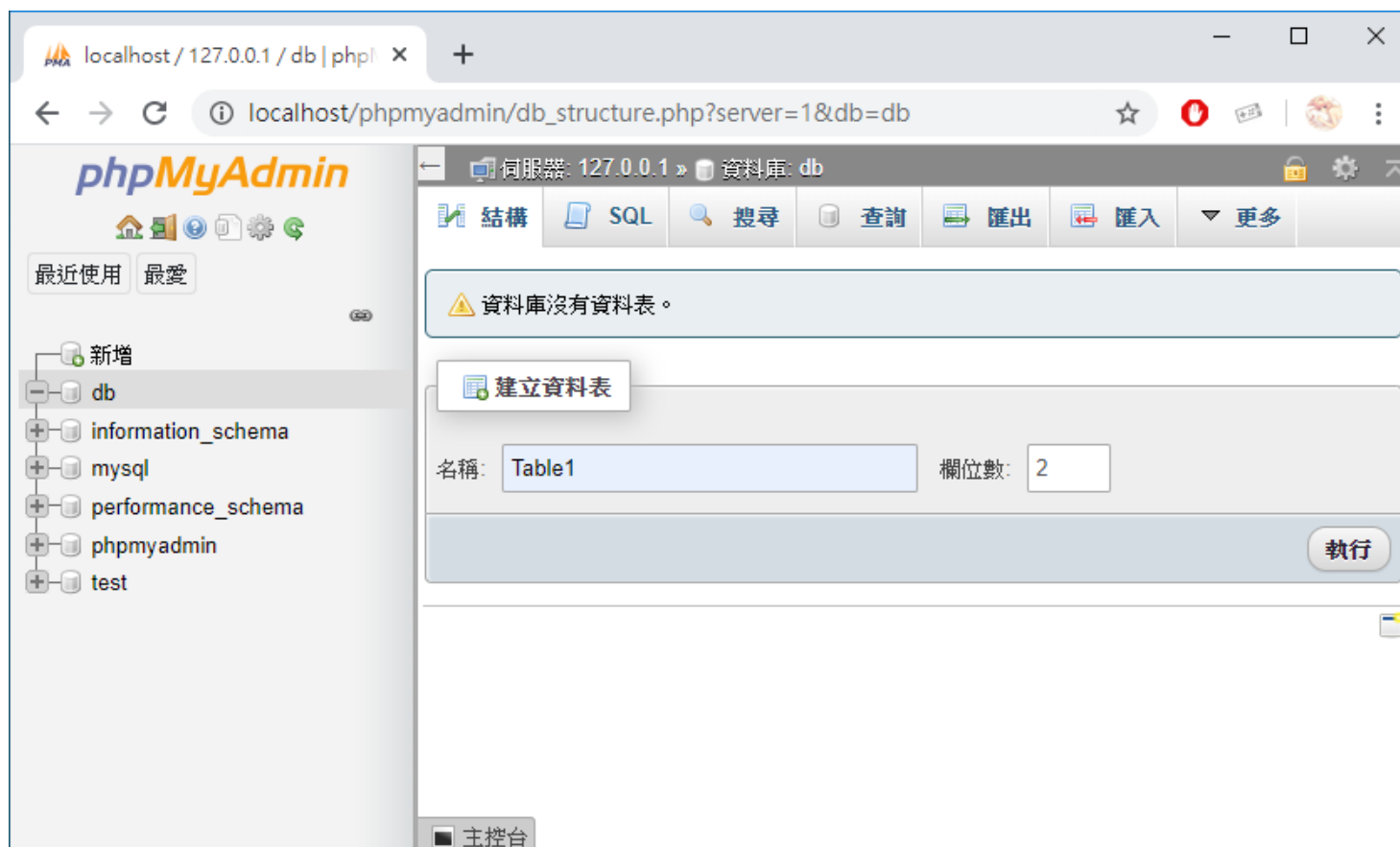
建立新資料庫

db utf8_unicode_ci 建立

資料庫	編碼與排序	動作
cc1350	utf8_unicode_ci	檢查權限
information_schema	utf8_general_ci	檢查權限
mysql	utf8mb4_general_ci	檢查權限
performance_schema	utf8_general_ci	檢查權限
phpmyadmin	utf8_bin	檢查權限

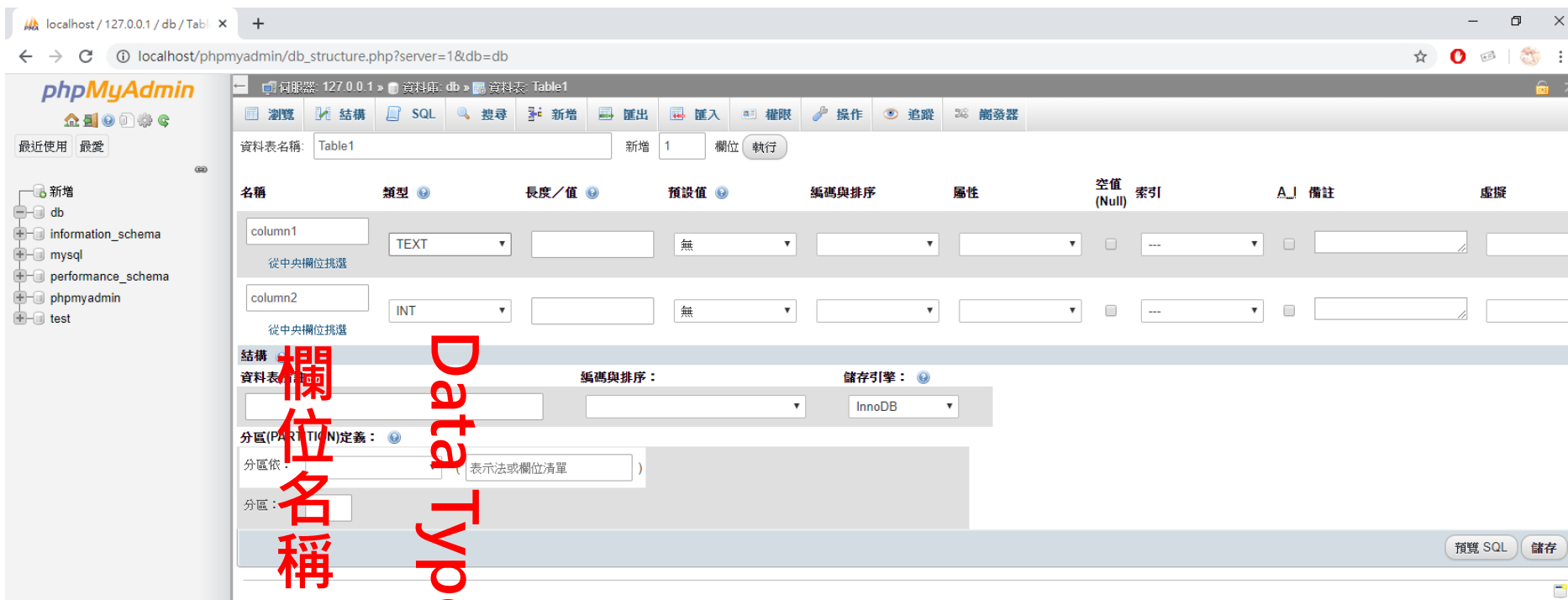
MySQL 資料庫

■ 資料庫：建立table - table1



MySQL 資料庫

■ 資料庫：建立table - table1



The screenshot shows the phpMyAdmin interface for creating a new table named 'Table1'. The table has two columns:

名稱	類型	長度/值	預設值	編碼與排序	屬性	空值 (Null)	索引	A_I	備註	虛擬
column1	TEXT		無			<input type="checkbox"/>	---	<input type="checkbox"/>		
column2	INT		無			<input type="checkbox"/>	---	<input type="checkbox"/>		

Below the table definition, the '結構' (Structure) tab is active, showing the '資料表名稱' (Table Name) as 'Table1', '編碼與排序' (Encoding and Sorting) as 'InnoDB', and '儲存引擎' (Storage Engine) as 'InnoDB'. The '分區(PARTITION)定義' (Partition Definition) section is also visible.

MySQL 資料庫

■ 資料庫: POST 和 PHP 連接SQL

```
1  <html>
2      <head>
3          <meta charset='utf-8'>
4      </head>
5      <body>
6
7          <form action="index.php" method="POST">
8              請輸入user:<br>
9              <input type="text" name="user">
10             <br>
11             請輸入password:<br>
12             <input type="password" name="pwd"><br>
13             <input type="submit">
14         </form>
15     </body>
16 </html>
```

Index.html

MySQL 資料庫

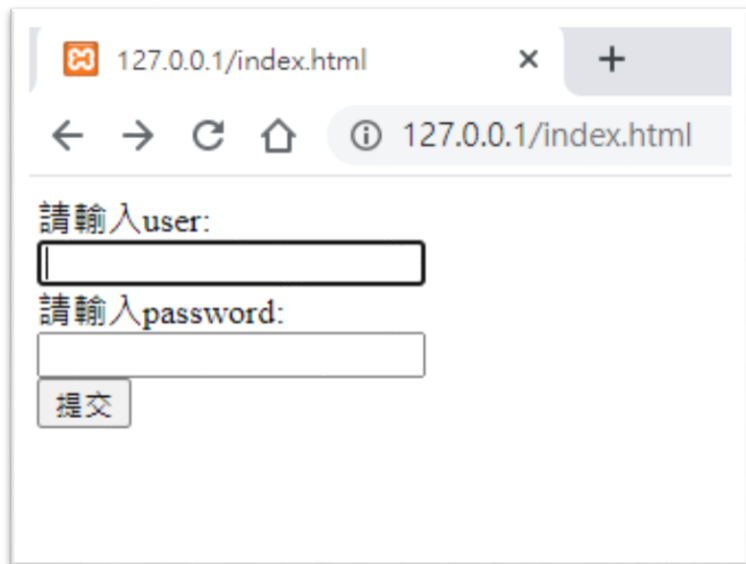
■ 資料庫：POST 和 PHP 連接SQL

```
1  <?php
2
3  $host = 'localhost';
4  //改成你登入phpmyadmin帳號
5  $user = $_POST["user"];
6  //改成你登入phpmyadmin密碼
7  $passwd = $_POST["pwd"];
8  //資料庫名稱，沒密碼不填
9  $database = 'db';
10 //實例化mysqli(資料庫路徑，登入帳號，登入密碼，資料庫)
11 $connect = new mysqli($host, $user, $passwd, $database);
12
13 if ($connect->connect_error){
14     die("連線資料庫失敗： " . $connect->connect_error);
15 }else{
16     echo "連線資料庫成功";
17 }
18 ?>
```

Index.php

MySQL 資料庫

■ 資料庫：POST 和 PHP 連接SQL



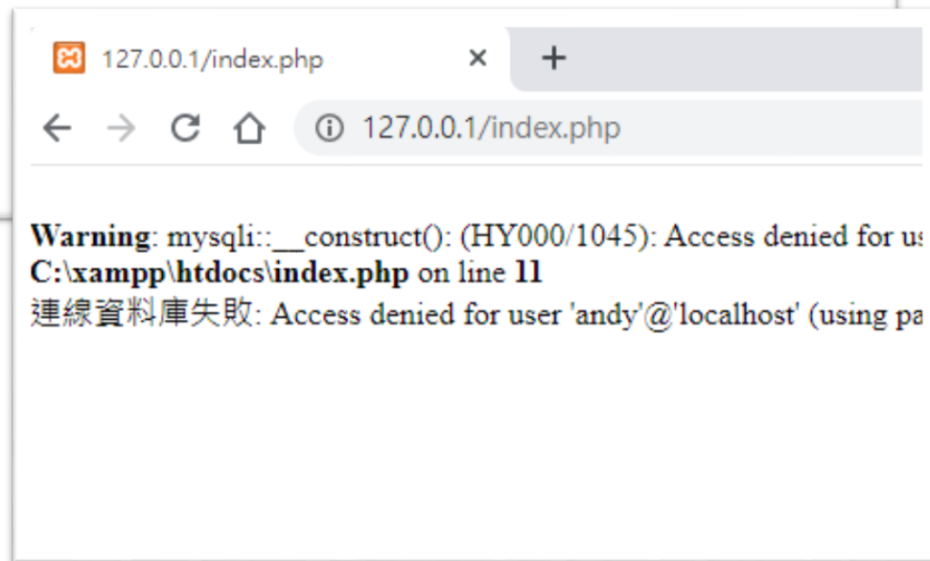
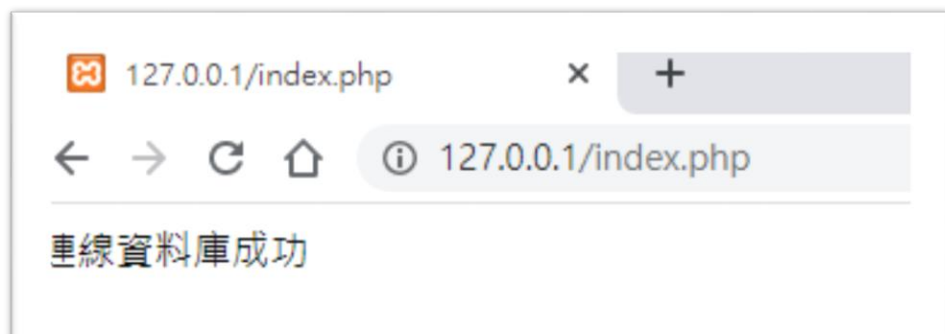
127.0.0.1/index.html

← → ↻ 🏠 ⓘ 127.0.0.1/index.html

請輸入user:

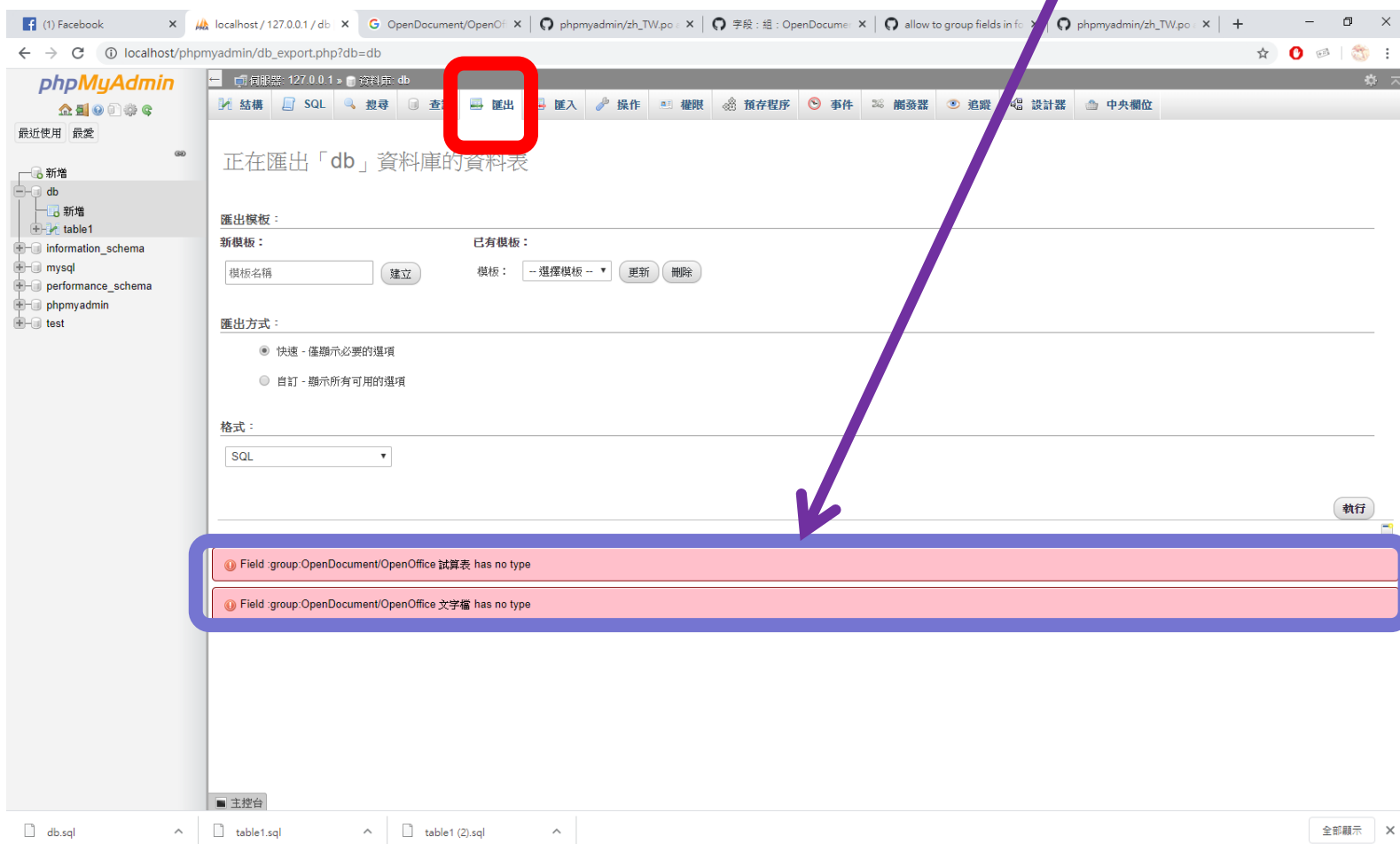
請輸入password:

提交



資料庫輸出

■ 資料庫匯出: (如有紅字請將語言調成英文)



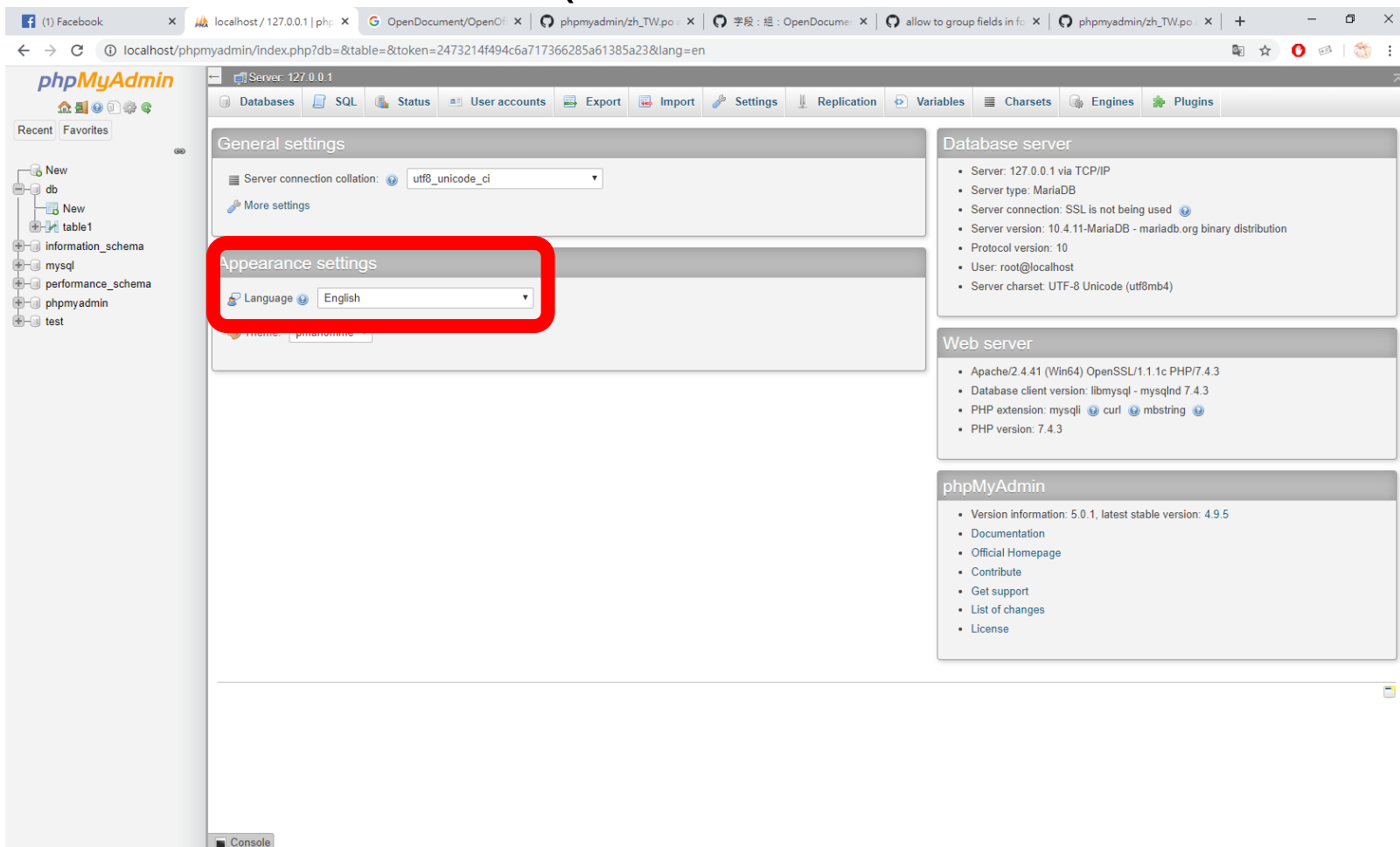
The screenshot shows the phpMyAdmin interface for a database named 'db'. The 'Export' button is highlighted with a red box. Below the export options, there are two error messages in Chinese, each preceded by a red icon:

- Field :group.OpenDocument/OpenOffice 試算表 has no type
- Field :group.OpenDocument/OpenOffice 文字檔 has no type

A purple arrow points from the 'Export' button to these error messages. The interface also shows a sidebar with a tree view of databases and tables, and a bottom status bar with file names like 'db.sql' and 'table1.sql'.

資料庫輸出

■ 資料庫匯出: (如有紅字請將語言調成英文)



The screenshot shows the phpMyAdmin web interface. The 'Appearance settings' section is highlighted with a red box, and the 'Language' dropdown menu is set to 'English'. The interface also displays the 'Database server' and 'Web server' status information.

General settings

- Server connection collation: utf8_unicode_ci
- More settings

Appearance settings

- Language: English

Database server

- Server: 127.0.0.1 via TCP/IP
- Server type: MariaDB
- Server connection: SSL is not being used
- Server version: 10.4.11-MariaDB - mariadb.org binary distribution
- Protocol version: 10
- User: root@localhost
- Server charset: UTF-8 Unicode (utf8mb4)

Web server

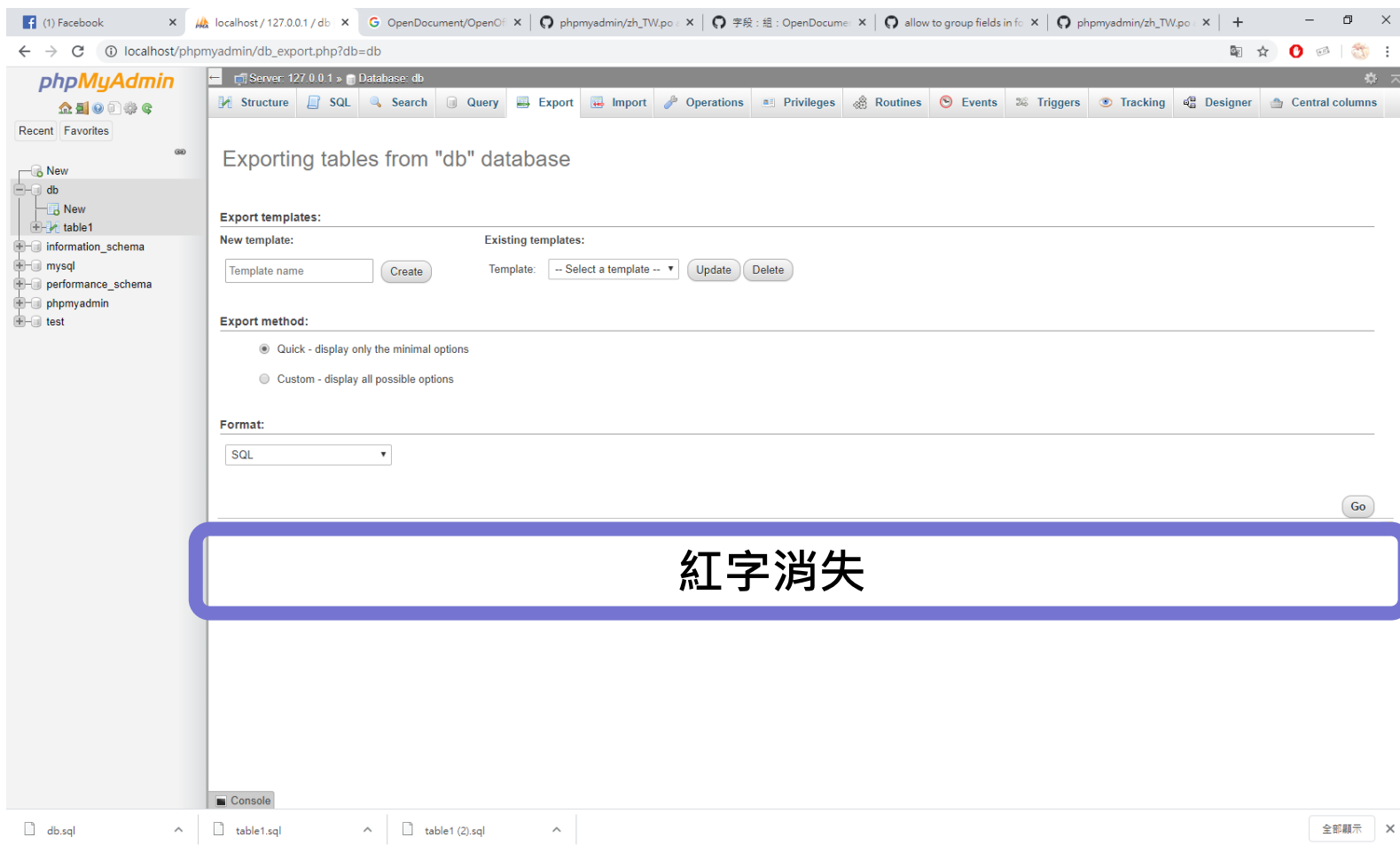
- Apache/2.4.41 (Win64) OpenSSL/1.1.1c PHP/7.4.3
- Database client version: libmysql - mysqlnd 7.4.3
- PHP extension: mysqli, curl, mbstring
- PHP version: 7.4.3

phpMyAdmin

- Version information: 5.0.1, latest stable version: 4.9.5
- Documentation
- Official Homepage
- Contribute
- Get support
- List of changes
- License

資料庫輸出

■ 資料庫匯出: (如有紅字請將語言調成英文)



The screenshot shows the phpMyAdmin interface for exporting data from a database named 'db'. The left sidebar displays the database structure with 'db' selected. The main area is titled 'Exporting tables from "db" database'. Under 'Export templates:', there are fields for 'New template:' (Template name, Create) and 'Existing templates:' (Template: -- Select a template --, Update, Delete). Under 'Export method:', there are two radio buttons: 'Quick - display only the minimal options' (selected) and 'Custom - display all possible options'. Under 'Format:', there is a dropdown menu set to 'SQL'. A blue box highlights the 'Go' button at the bottom right of the export options.

紅字消失

db.sql table1.sql table1 (2).sql 全部顯示

其他提示

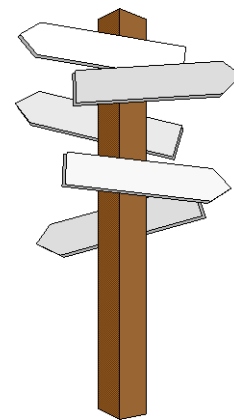
- 密碼登入:

- 驗證帳號密碼外，可善用cookie和session來儲存目前登入狀態。

- 寄信系統:

- 善用別人寫好的套件，e.g., PHPMailer。

- https://github.com/rsps1008/Simple_MailSend_PHPMailer

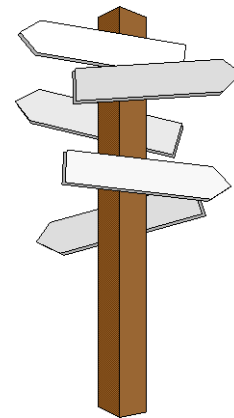


其他提示

■ 寄信系統-備註:

- 如果Gmail因安全性問題失敗可試試看學校信箱，設定如下:

- `//$mail->SMTPSecure = "SSL";`
- `$mail->Host = "student.nsysu.edu.tw";`
- `$mail->Port = 25;`
- `$mail->Username = "M073040020";` //大寫
- `$mail->Password = "學校信箱密碼";`
- `$mail->From =
"m073040020@student.nsysu.edu.tw";`



其他提示

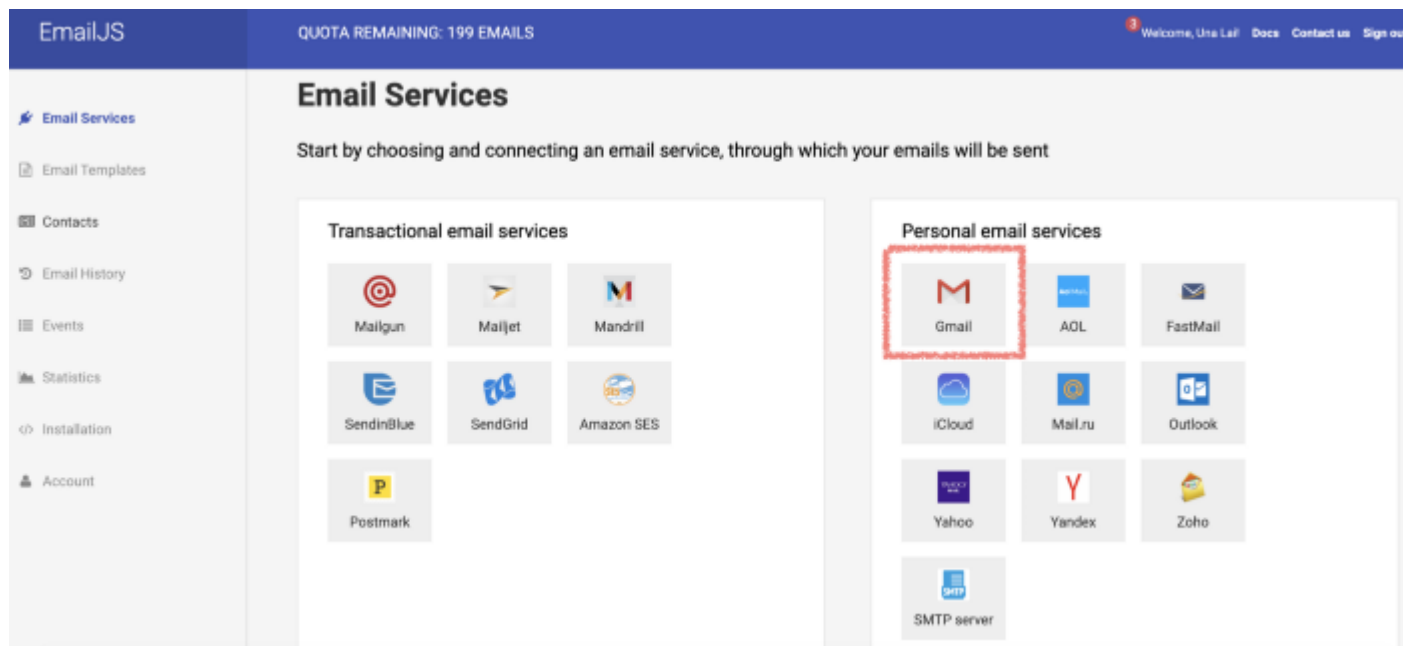
- 若PHPMailer設定不起來...



EmailJS

其他提示

- Step1 建立新帳戶
<https://www.emailjs.com/>
- STEP2：點擊左側的 Email Services



其他提示

- STEP3：點擊 Connect account 連接你的 Gmail 帳戶，允許存取後，按下 Add Service
- STEP4：點擊左側的 Email Templates，接著點擊 Create new template，設定該 template 的名字及 ID，進入 template 編輯畫面。

PHP - 24

其他提示

```
function clickMe(){  
    emails.send("service_id","testmail",{  
        from_name: " from_name ",  
        to_name: " to_name ",  
        message: " message ",  
        toMail: " toMail ",  
    })  
};  
}
```

其他提示

```

1  <!DOCTYPE html>
2  <html>
3  <head>
4      <title>send mail</title>
5      <meta charset="utf-8">
6      <script type="text/javascript" src="https://cdn.emailjs.com/sdk/2.3.2/email.min.js"></script>
7  </head>
8  <body>
9      <h1>使用EmailJS 寄信</h1>
10     <button type="button" onclick="clickMe()">Click Me!</button>
11     <script type="text/javascript">
12         emailjs.init('user_dwVSysjKY4MsjzdpikTZU');
13         function clickMe(){
14             emailjs.send("service_id","testmail",{
15                 from_name: "from_name",
16                 to_name: "to_name",
17                 message: "message",
18                 toMail: "toMail",
19             }
20         );
21     }
22 </script>
23 </body>
24 </html>

```