

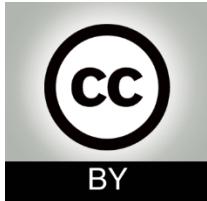
# CLOUD9 IDE

## 整合開發環境申請與使用

---

錢達智

wolfgang.chien@gmail.com



本投影片簡報內容按 Apache-2.0 授權。所提及或者引用的公司名稱、產品名稱以及所引用的文字、商標、影片、產品相片或者網站頁面，均為其所屬公司所擁有。

# 如何申請加入 Cloud9 (一)

- 1 請發一封信給錢老師 ( [wolfgang.chien@gmail.com](mailto:wolfgang.chien@gmail.com) )  
來信請註記你的名字以及預備申請 Cloud9 的 E-mail 位址
- 2 錢老師將你的 E-mail 位址輸入到 Cloud9 系統
- 3 Cloud9 寄出信件，邀請你加入
- 4 複製並貼上邀請函內附的網址到瀏覽器網址列
- 5 填寫申請表單

# 如何申請加入 Cloud9 (二)

Team webclassroom has + mail.google.com/mail/#inbox/15756f03cb492437

Google Gmail 撰寫 收件匣 第 1 封, 共 8 封 檢視

Team webclassroom has invited you to join their team on Cloud9 收件匣 x

support@c9.io 透過 amazones.com 20:06 (0 分鐘前) 寄給我

相關 Google+ 專頁 Cloud9 9

英文 中文 (繁體) 翻譯郵件 關閉下列語言的翻譯功能 : 英文 x

Welcome!

You've been invited to develop software with webclassroom on Cloud9. Click the following link to accept the invitation: <https://c9.io/team/invite/9cxcLah1DAlyxZ59GQpC>

Happy coding!

4 複製並貼上邀請函內附的網址到瀏覽器網址列

最近未進行任何即時通訊 發起新的即時通訊

您個人管理 上次帳戶活動時間 : 4 分鐘前 詳細資料

4

# 如何申請加入 Cloud9 (三)

The screenshot shows a web browser window with the following details:

- Address Bar:** Team webclassroom has inv Your Team Invite c9.io/team/invite/9cxcLah1DAlyxZ59GQpC
- Header:** A large blue cloud icon with the number 9.
- Main Content:**
  - Welcome to Cloud9 Teams!
  - You have been invited to join team webclassroom
  - Sign in or create an account to join the team.
  - Create new account** button (highlighted with a red box).
  - Sign in** button.
  - You will automatically be added to the team once you have logged in to an account.
- Callout:** A large grey box with a red border and the number 5 contains the text: 點按「Create new account」.
- Right Side:** A large blue area with a white cloud containing the number 9, and a "Sign In" button.

# 如何申請加入 Cloud9 (四)

The screenshot shows a web browser window for Cloud9's sign-up process. The URL in the address bar is [c9.io/signup/fullname](https://c9.io/signup/fullname). The page is titled "What can I call you?". A red box highlights the "Your Name" input field, which contains "student25". Below the input field is a note: "Your name will show up in your public user profile, alongside any public workspaces you have." At the bottom of the left panel is a green "Next >" button. To the right, a large blue panel displays the number "6" in a box, followed by the text "Hi! Awesome to meet you!" and a box containing the Chinese text "填入你的名字". A white cloud icon with the number "9" is visible in the bottom right corner of the blue panel.

Team webclassroom has inv Signup - Build Better Ap × +

c9.io/signup/fullname

9

Have an existing account? Sign In

What can I call you?

When your apps are famous, you will want your name attached to them.

Your Name

student25

Your name will show up in your public user profile, alongside any public workspaces you have.

Next >

6

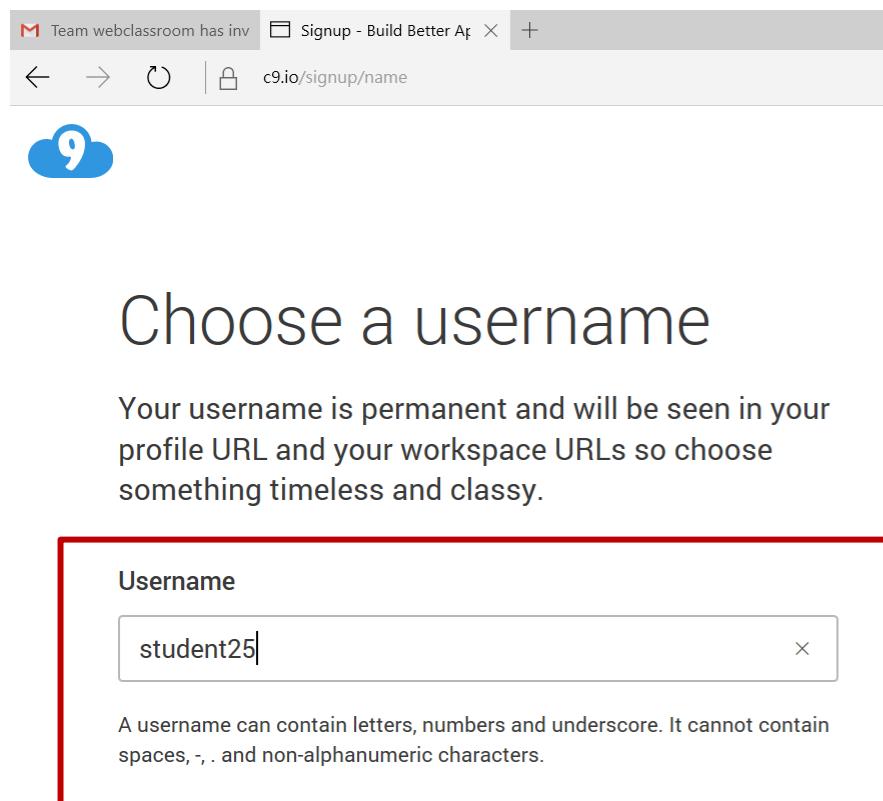
Hi!

Awesome to meet you!

填入你的名字

9

# 如何申請加入 Cloud9 (五)



The screenshot shows a web browser window with the URL [c9.io/signup/name](https://c9.io/signup/name). A red box highlights the 'Username' input field, which contains the text 'student25'. Below the input field is a note: 'A username can contain letters, numbers and underscore. It cannot contain spaces, -, . and non-alphanumeric characters.' At the bottom of the form are a green 'Next >' button and a series of five gray dots.

Have an existing account? [Sign In](#)

9

7 填入你(未來用來登入的)帳號

- 此處輸入的帳號不能與他人重複
- 日後無法改名
- 將是作品網址的一部分，例如：  
<https://lab-student25.c9users.io/>

# 如何申請加入 Cloud9 (六)

Team webclassroom has inv Signup - Build Better Ap × +

← → ⌂ | 🔒 c9.io/signup/survey

9

## Tell us about yourself

For an experience tailored to your needs.

What kind of developer are you?

Student

If you're not professional now, perhaps you will be at some point so you can always change this in your settings.

How will you use Cloud9?

Coursework

So we can help you use Cloud9 exactly the way you want to.

Next >

.....

Have an existing account? Sign In

8 選擇角色身份：例如 Student

8 為何使用 C9 ，例如 : CourseWork

# 如何申請加入 Cloud9 (七)

The screenshot shows a web browser window with the URL [c9.io/signup/confirm](https://c9.io/signup/confirm). The page title is "Signup - Build Better Apps". A large blue checkmark icon is prominently displayed on the right side. On the left, there is a form to confirm details:

- Email: stdnt25@gmail.com (with an [Edit](#) link)
- Name: student25 (with an [Edit](#) link)
- Username: student25 (with an [Edit](#) link)
- Developer Type: A student developer *doing* learning projects (with an [Edit](#) link)

A red box highlights the green [Next >](#) button at the bottom left of the form. A callout bubble with the number 9 contains the text: "毋需輸入信用卡資料。如果畫面提示你輸入信用卡卡號，請複製邀請函的網址，然後重來一遍。". Another callout bubble with the number 9 contains the text: "點按「Next」繼續".

# 如何申請加入 Cloud9 (八)

Team webclassroom has invited you to Signup - Build Better APIs

c9.io/signup/captcha

Have an existing account? Sign In

## One last thing...

Apologies student25, we need to make sure you're not a robot ;-)

我不是機器人  reCAPTCHA 隱私權 - 條款

A 點按「我不是機器」，並回答問題

Create account

By clicking the button you confirm you are accepting our [Terms of Service](#) and [Privacy Policy](#)



# 如何申請加入 Cloud9 (九)

The screenshot shows a web browser window with the following details:

- Address Bar:** Team webclassroom has inv. Your Team Invite c9.io/team/invite/9cxclah1DAlyxZ59GQpC
- Header:** Includes a Cloud9 logo (blue cloud with white '9'), a search bar, and navigation icons.
- Main Content Area:**
  - Welcome Message:** Welcome to Cloud9 Teams!
  - Text:** You have been invited to join team webclassroom
  - Text:** You are logged in as student25.
  - Buttons:** A green "Join team" button with a red border and a smaller orange "B" button.
  - Note:** If you would like to join under a different account, please [log out](#) first.
- Right Side Panel:** A large blue area featuring a white cloud with a blue "9" inside it. It contains the text: 點按「Join team」加入本(課程)團隊 (Click 'Join team' to join this (course) team).

# 如何申請加入 Cloud9 ( + )

The screenshot shows a web browser window with the URL [c9.io/student25?welcome](https://c9.io/student25?welcome). The page displays a welcome message for 'student25!' and instructions to set a password via email. On the left sidebar, there are links for Workspaces, Shared With Me, and Repositories. Under 'YOUR TEAM SUBSCRIPTIONS', 'Web Classroom' is listed with a '+'. Under 'YOUR INDIVIDUAL SUBSCRIPTIONS', 'Free' is listed with an 'Upgrade' button.

M Team webclassroom has inv student25 c9.io/student25?welcome

9

Welcome student25!

Start coding now by creating a workspace below. Please don't forget to **set your password** from the email we sent to [stdnt25@gmail.com](mailto:stdnt25@gmail.com), to prevent losing access to your account!

C 請收 E-mail , 按指示設定密碼

Workspaces

Create a new workspace

+

student25

Workspaces

Shared With Me

Repositories

YOUR TEAM SUBSCRIPTIONS

Web Classroom +

YOUR INDIVIDUAL SUBSCRIPTIONS

Free Upgrade

# 如何申請加入 Cloud9 (+一)

Welcome to Cloud9! Please set your Cloud9 password!

support@c9.io 透過 amazoneses.com  
寄給我

20:14 (2 分鐘前) Cloud9

點按或複製貼上網址到瀏覽器的位址列

Hi student25,

Now that you've created a Cloud9 account, you can choose a password.

Once you've set it then you can also connect Github or Bitbucket and sign in with those but first thing's first...  
Set Your Password:  
<https://c9.io/auth/password/9c6q0XOng8eMJBmI0qgm>

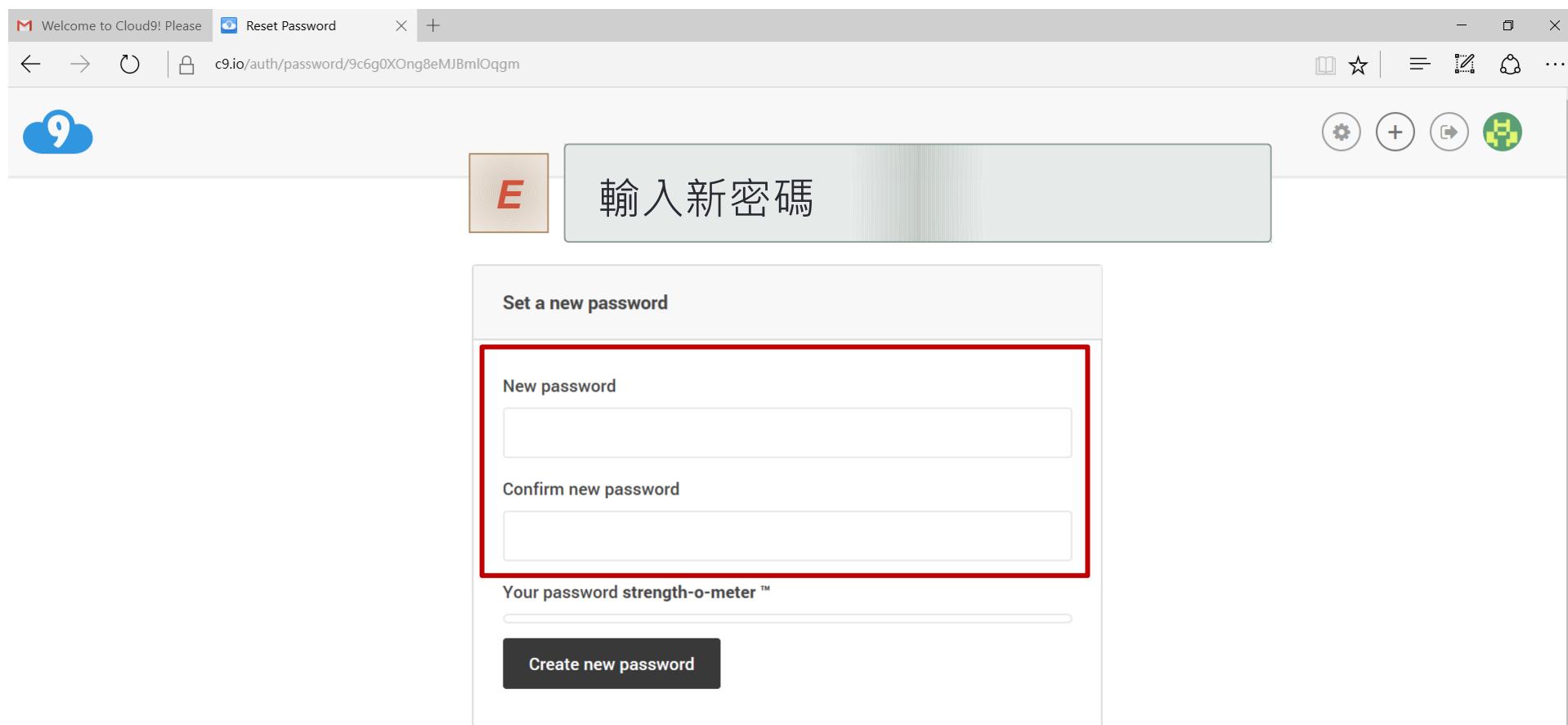
Happy coding!

Brady Dowling  
Customer Happiness Engineer, Cloud9

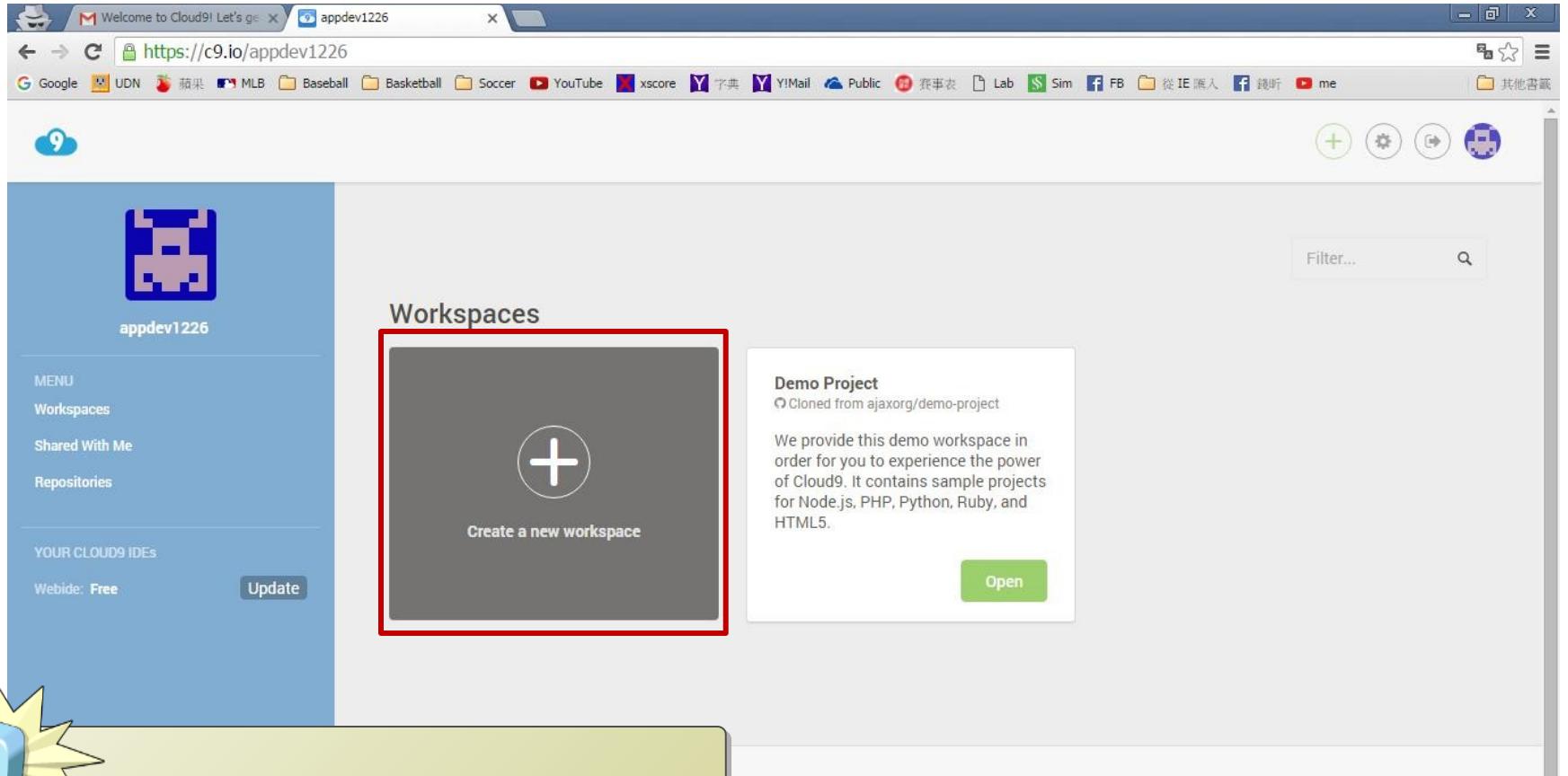
P.S. For future reference: your username is student25

按一下這裡即可回覆或轉寄

# 如何申請加入 Cloud9 (十二)



# 建立新的 Workspace (一)



The screenshot shows the Cloud9 IDE interface. On the left, there's a sidebar with a user icon, the name "appdev1226", and links for "MENU", "Workspaces", "Shared With Me", and "Repositories". Below that, it says "YOUR CLOUD9 IDEs" and "Webide: Free" with an "Update" button. The main area is titled "Workspaces" and features a large button with a plus sign and the text "Create a new workspace". To the right of this button is a "Demo Project" card with the text "Cloned from ajaxorg/demo-project", a description of the project, and an "Open" button. The browser's address bar shows "https://c9.io/appdev1226".



# 建立新的 Workspace (二)

ce X

.io/new

MLB Baseball Basketball Soccer YouTube Y!字典 Y!Mail Public \$ Sim FB 從 IE 執入 賽事 xscores Google 翻譯 大學

## Create a new workspace

Workspace name

your-project-name

Description

Make a short description of your workspace

Hosted workspace    Clone workspace    Remote SSH workspace

Private

This is a workspace for your eyes only

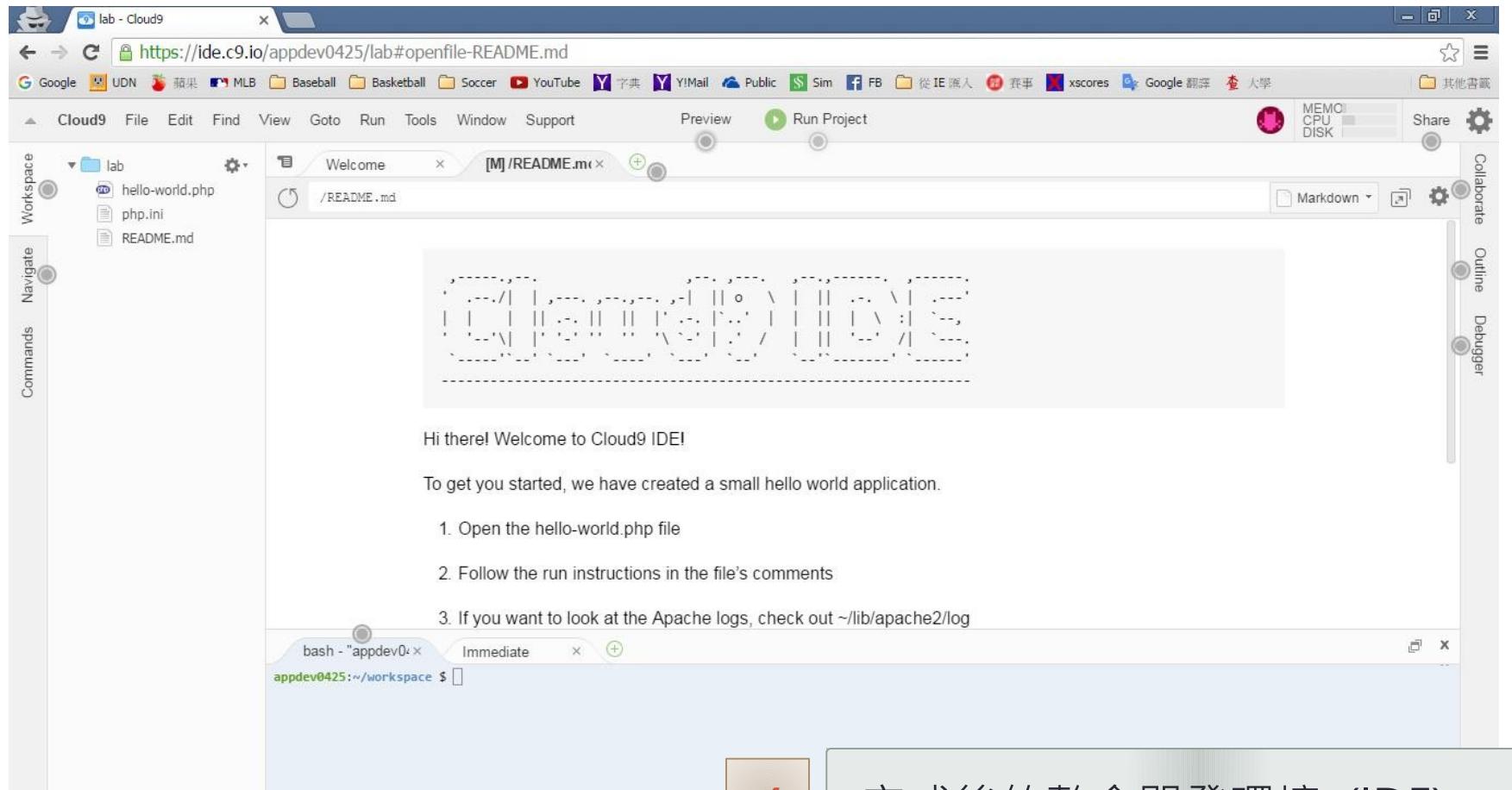
2 輸入 Workspace 名稱，例如：lab

This will create a workspace for everybody to see

# 建立新的 Workspace (三)

The screenshot shows the 'Create a New Workspace' page of the Cloud9 IDE. At the top, there are two options: 'Private' (a workspace for your eyes only) and 'Public' (a workspace for everybody to see). Below these are fields for cloning from Git or Mercurial URL (optional), with an example 'e.g. ajaxorg/ace' entered. The next section, 'Choose a template', contains various options: HTML5, Node.js, Meteor, PHP, Apache & ..., Python, django, Ruby, C++, Wordpress, Rails Tutorial, Blank, and CS50. The 'PHP, Apache & ...' template is highlighted with a red box. At the bottom left is a green 'Create workspace' button.

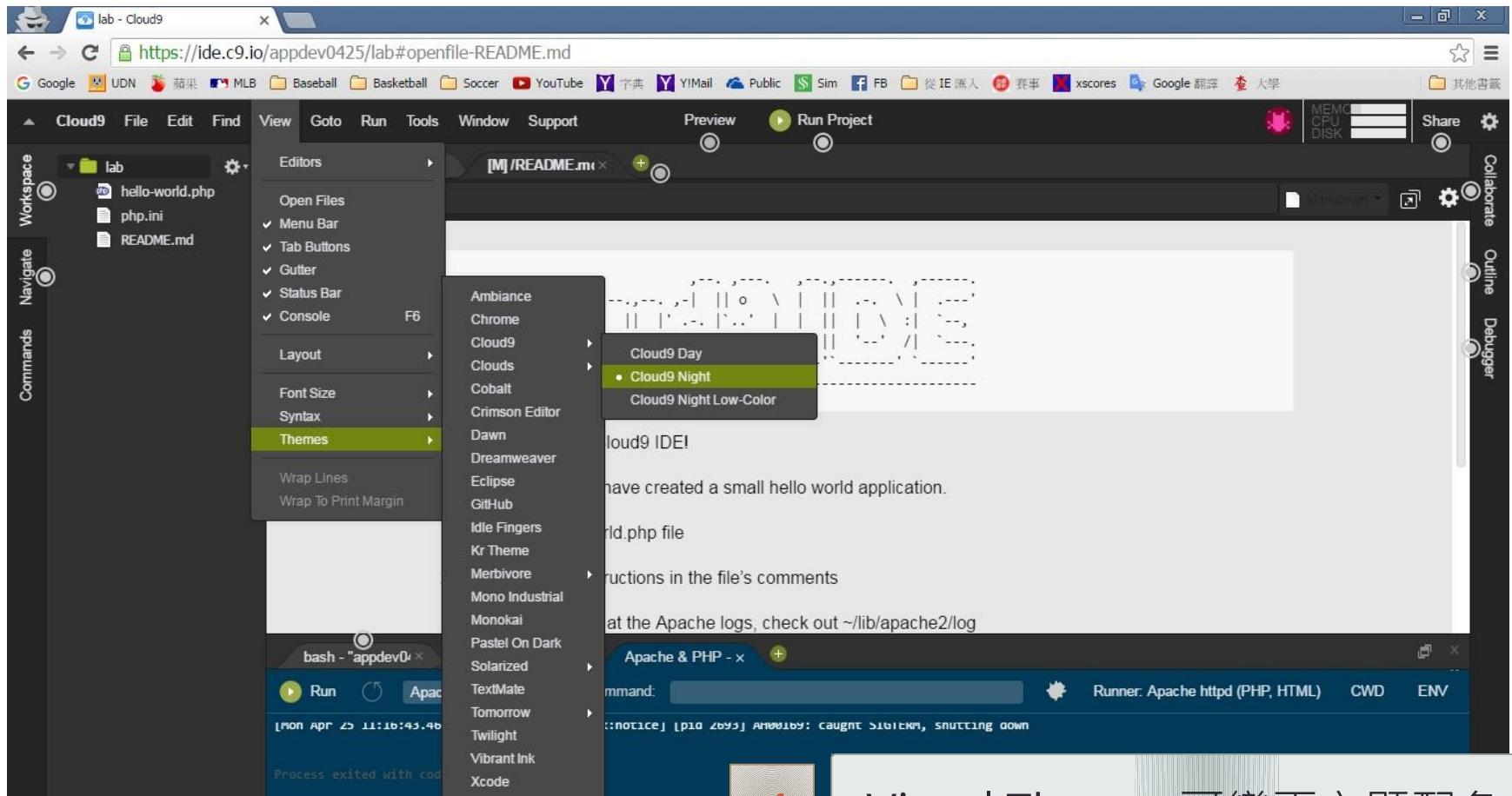
# 建立新的 Workspace (四)



4

完成後的整合開發環境 (IDE)

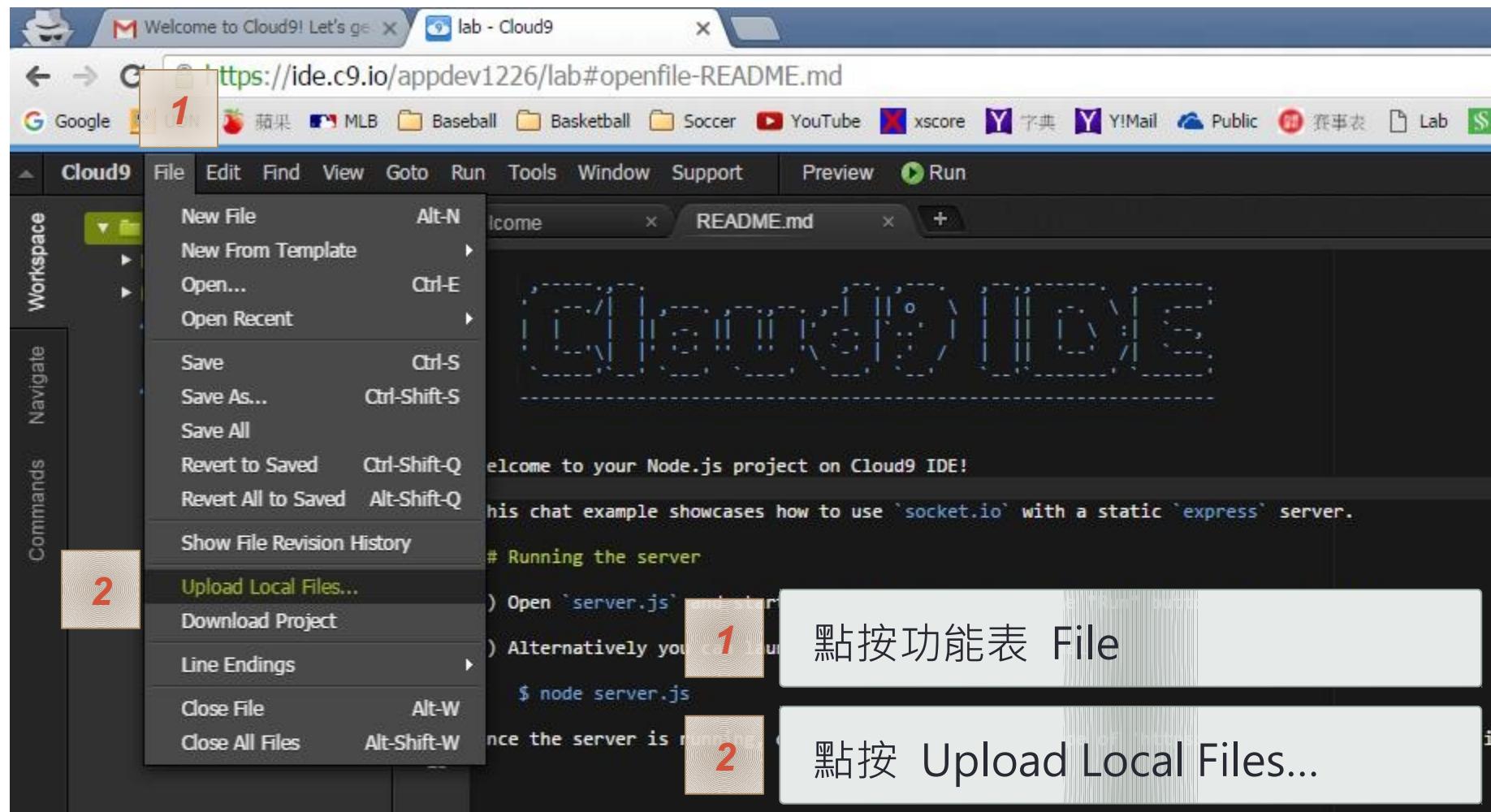
# 建立新的 Workspace (五)



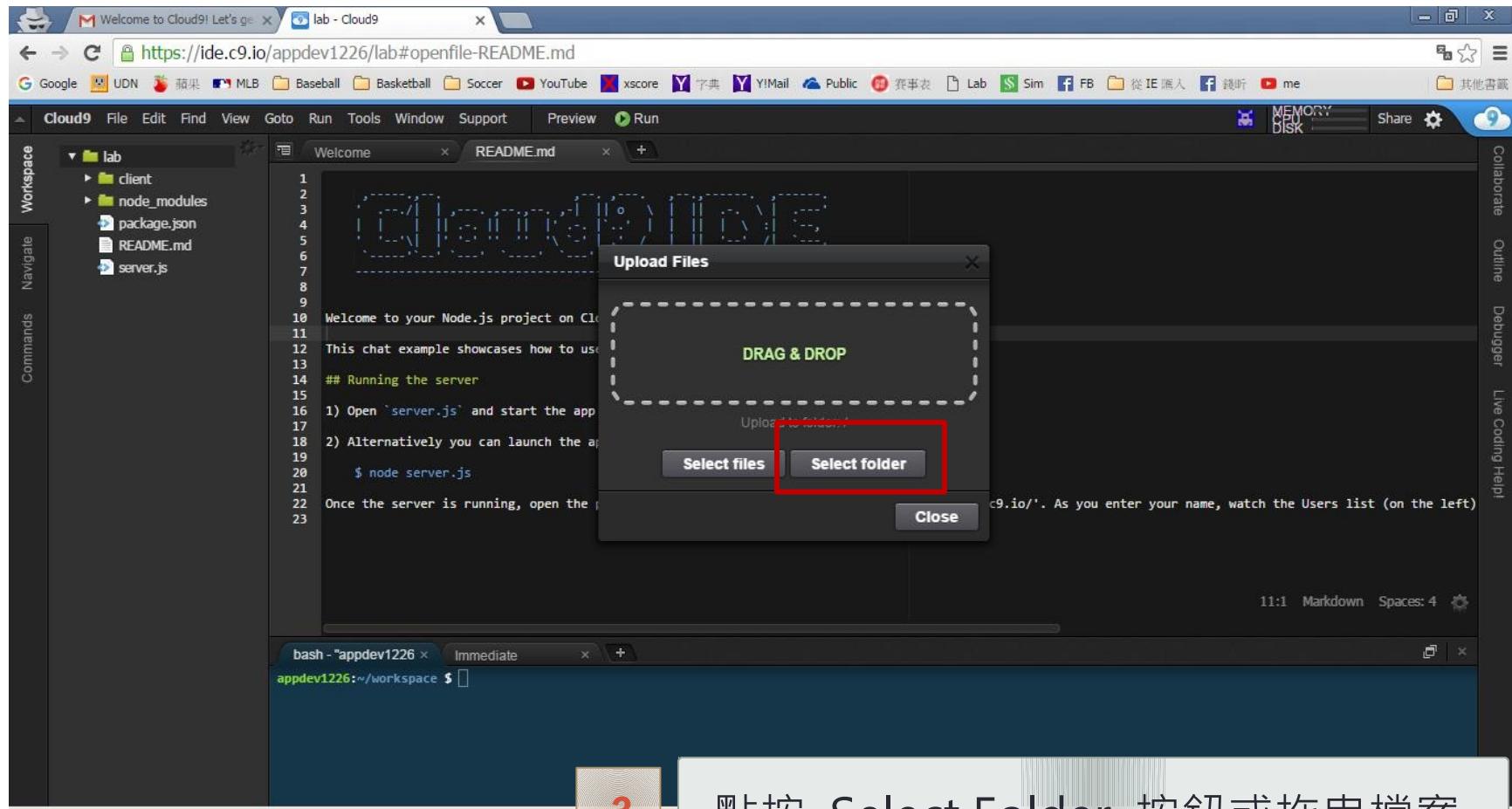
4

View | Theme 可變更主題配色

# 上傳檔案 (一)



# 上傳檔案（二）



3

點按 Select Folder 按鈕或拖曳檔案

# 從 GitHub 取得 Lab 練習檔案

1 在 c9.io 的 workspace，操作功能表 Windows | New Terminal

2 按下列格式輸入指令以取得 Lab 練習檔案，例如：

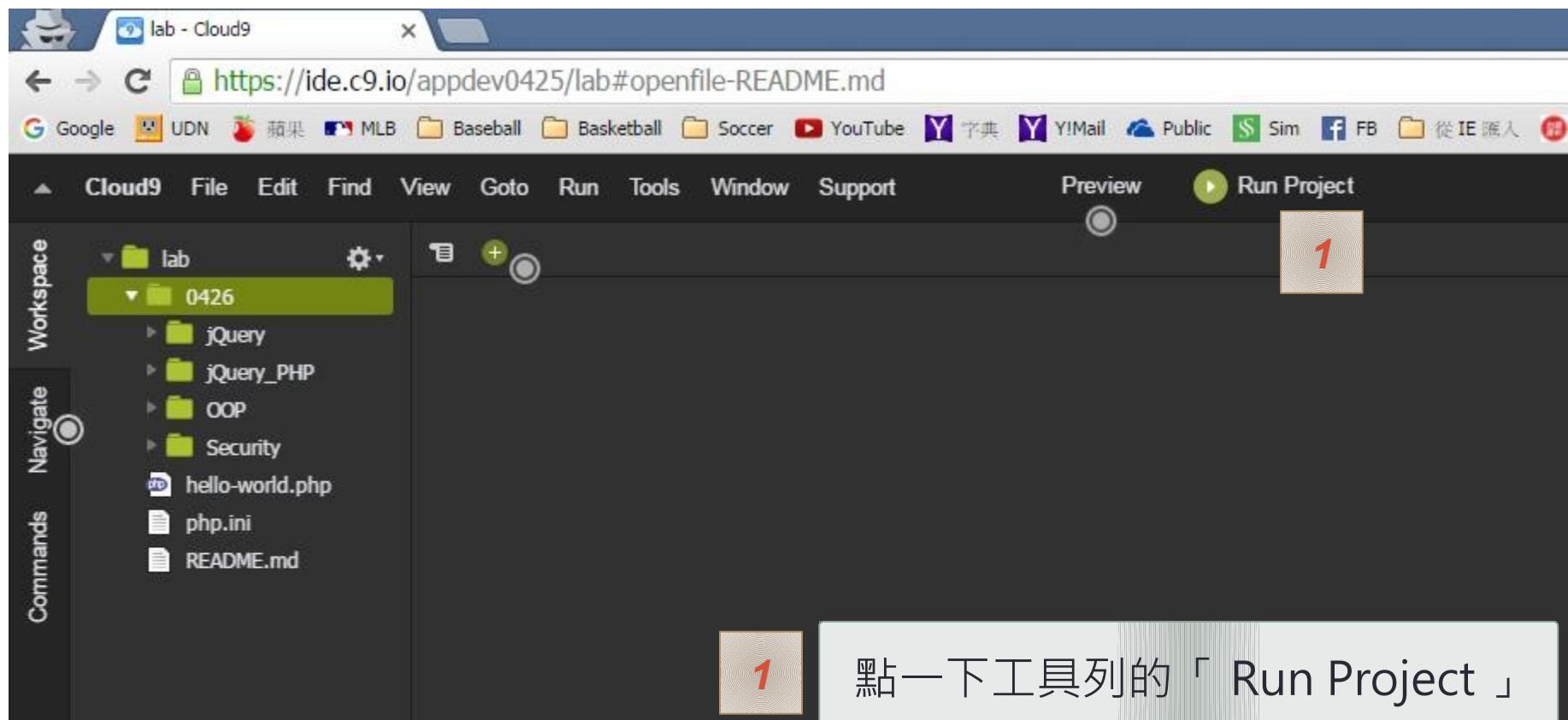
```
git clone http://github.com/smit03/171214
```



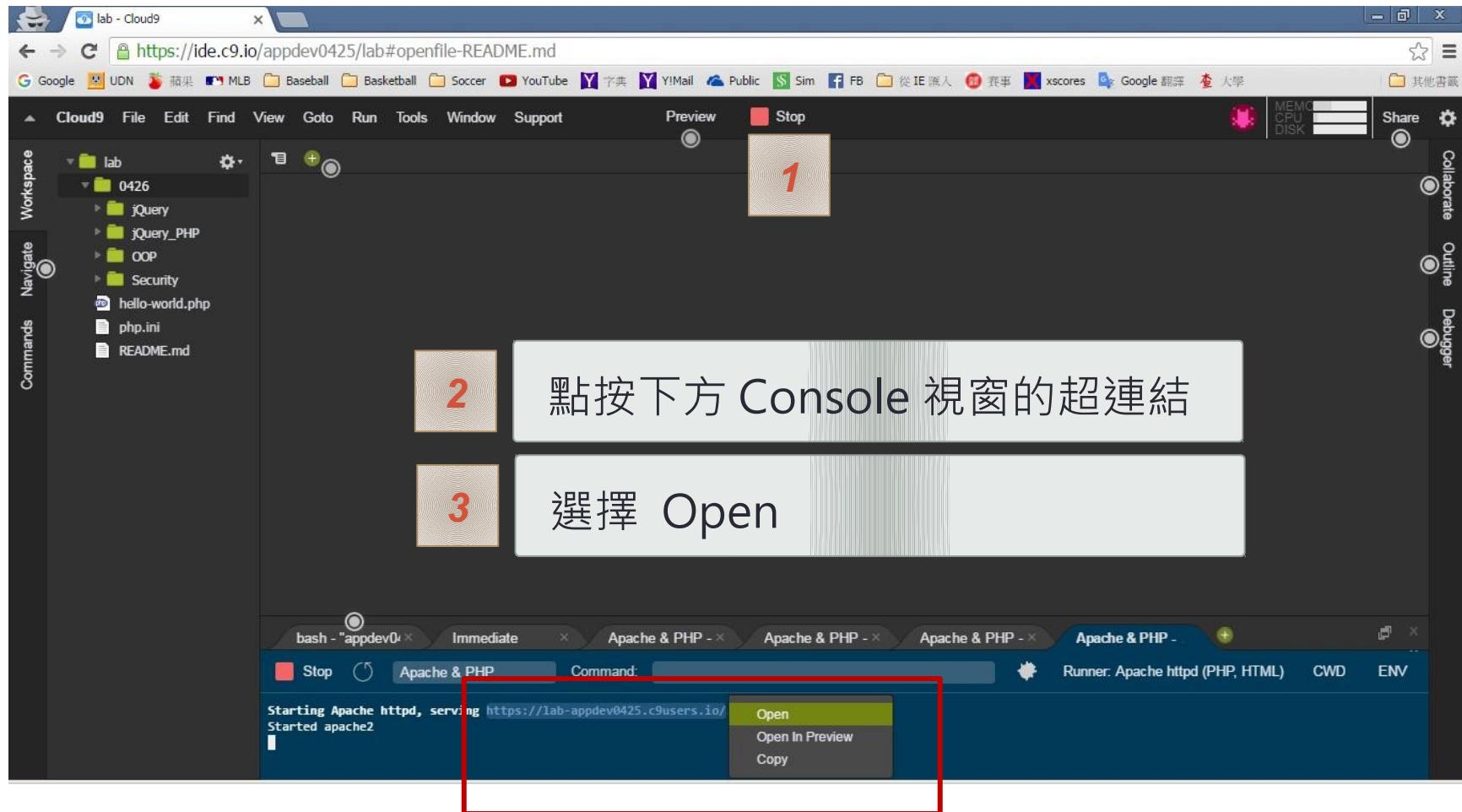
格式：

git clone http://github.com/ 課程代號 /YYMMDD

# 如何執行 PHP 程式（一）



# 如何執行 PHP 程式 (二)



# 如何執行 PHP 程式 (三)

The screenshot shows a web browser window with the following details:

- Title Bar:** lab - Cloud9 | Index of /
- Address Bar:** https://lab-appdev0425.c9users.io
- Toolbar:** Back, Forward, Stop, Refresh, Home, etc.
- Bookmark Bar:** Google, UDN, 蘋果, MLB, Baseball, Basketball, Soccer, YouTube, Y!字典, Y!Mail, Public, Sim, FB, 從 IE 帶入, 賽事, xscores, Google 翻譯, 大學, 其他書籤
- Content Area:**

## Index of /

Name	Last modified	Size	Description
0426/	2016-04-25 11:51	-	
README.md	2016-03-16 01:55	1.0K	
hello-world.php	2016-03-16 01:55	261	
php.ini	2016-03-16 01:55	67K	

Apache/2.4.7 (Ubuntu) Server at lab-appdev0425.c9users.io Port 443

# 關閉 Workspace = 結束連線

The screenshot shows the Cloud9 IDE interface. On the left, there's a sidebar with three tabs: 'Workspace' (selected), 'Navigate', and 'Commands'. A red number '1' is placed over the 'Cloud9' tab in the top navigation bar. A red number '2' is placed over the 'Quit Cloud9' option in the workspace menu.

**Workspace Menu:**

- About Cloud9
- Preferences Ctrl-,
- Go To Your Dashboard
- Open Your Project Settings
- Open Your User Settings
- Open Your Keypad
- Open Your Init Script
- Open Your Stylesheet ext.html
- Restart Cloud9 Ctrl-R
- Quit Cloud9

**IDE Area:**

File Edit Find View Goto Run Tools Window Support Preview Run

https://ide.c9.io/appdev1226/lab#openfile-README.md

Code Editor:

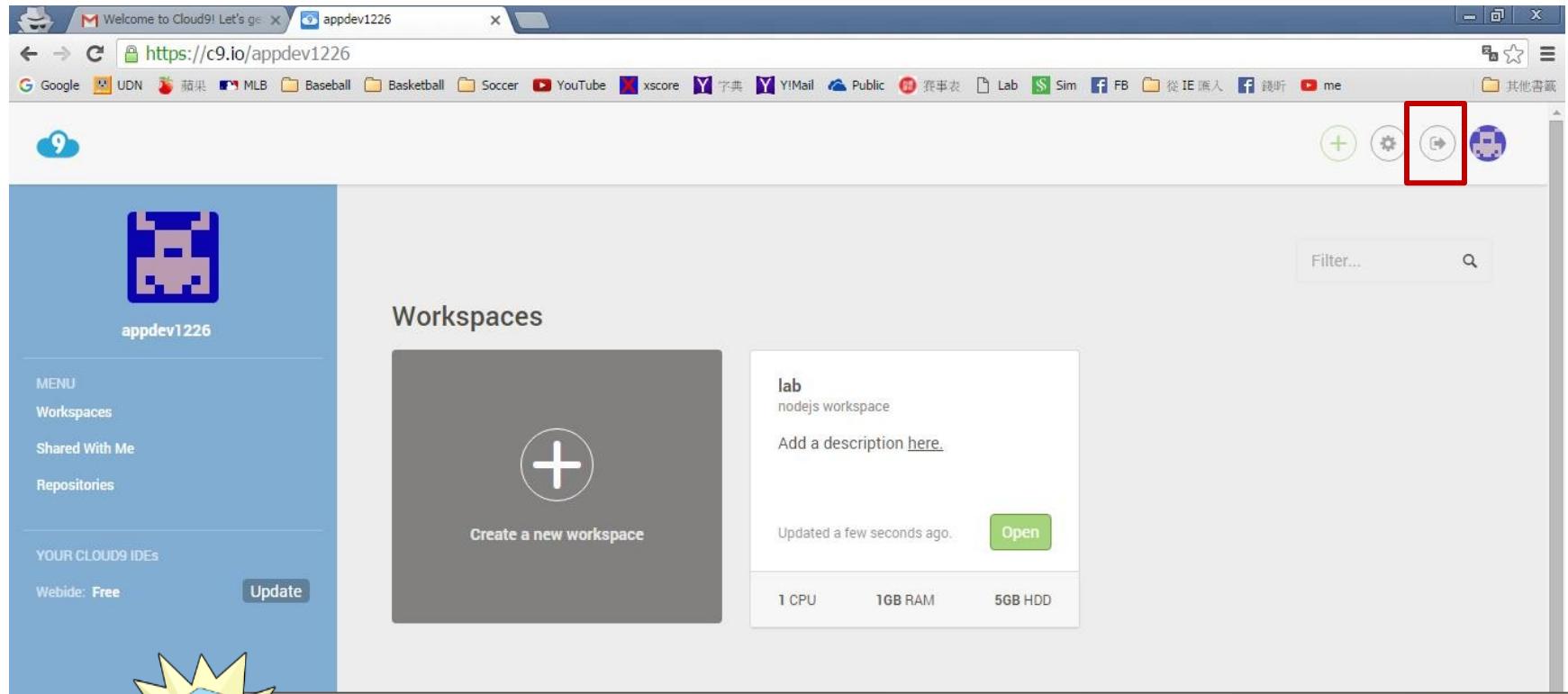
```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>jQuery Lab - Controls</title>
<link rel="stylesheet"
      href="jquery.mobile-1.3.2/jquery.mobile-1.3.2.min.css" />
<script src="jquery-1.9.1.min.js"></script>
<script src="jquery.mobile-1.3.2/jquery.mobile-1.3.2.min.js"></script>
```

**Tooltip Content:**

點一下功能表「Cloud9」

點按 Quit Cloud9 可結束連線並登出

# 控制面板右上角有設定與登出按鈕



點按右上角紅色框框按鈕（圖案為向右箭頭），可登出「Cloud9」網站。



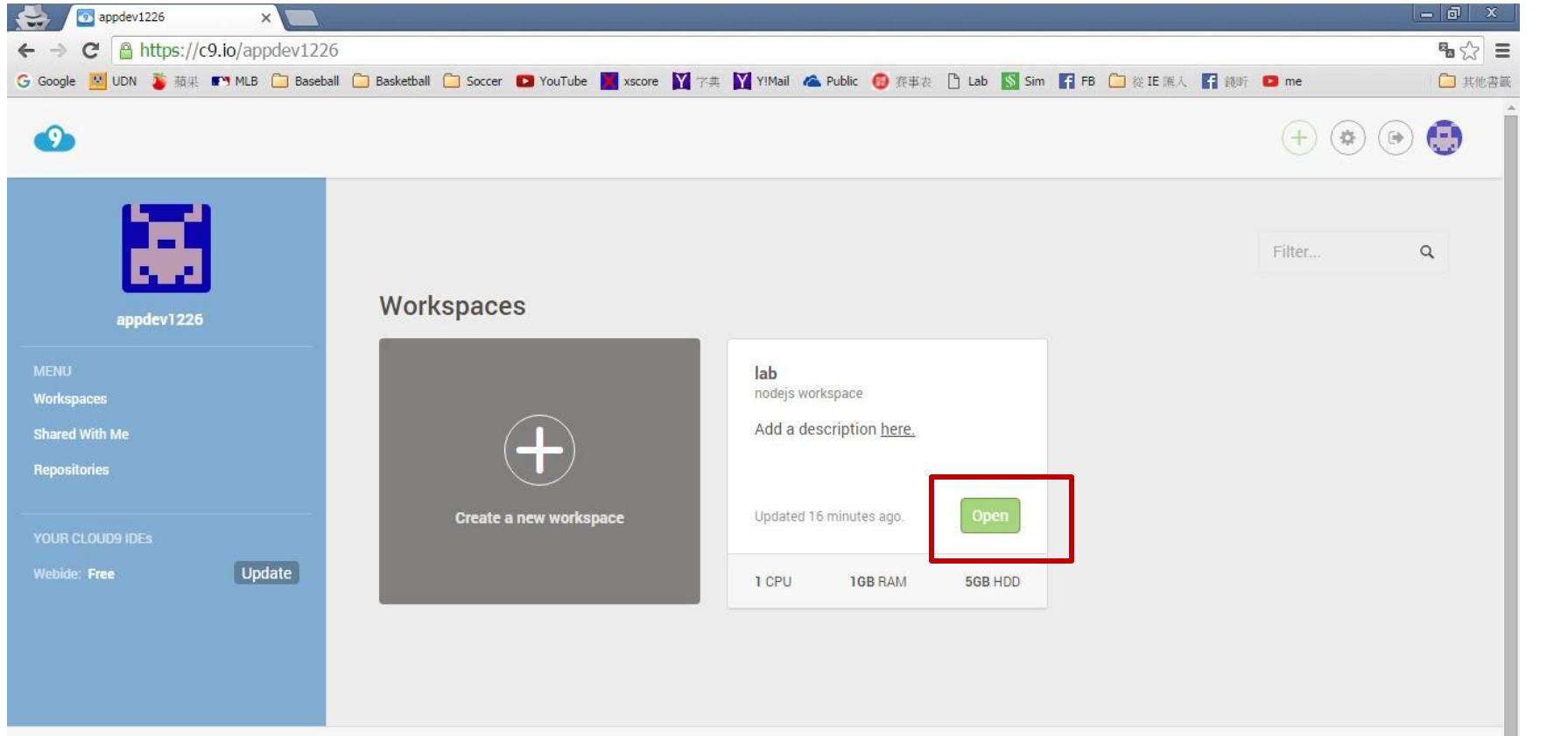
# 只要有網路，隨時可以創作（一）

The screenshot shows a web browser window with the URL <https://c9.io>. The main page is titled "Cloud9 - Your development environment, in the cloud". It features a "SIGN IN" button highlighted with a red box. Below it, there's a sign-up form with fields for "Your e-mail address" and a "Sign Up" button. A modal window is overlaid on the page, containing two numbered steps:

1. 連上 <http://ide.c9.io>
2. 輸入帳號密碼登入

The bottom part of the screenshot shows an embedded code editor window with the URL <https://c9.io/fjakobs/example>. The code editor displays a file named "edit\_session.js" with some JavaScript code. The code includes annotations like "Returns the current [[Document `Document`]] as a string" and "alias EditSession.toString".

# 只要有網路，隨時可以創作（二）



The screenshot shows the Cloud9 IDE interface. On the left, there's a sidebar with a user icon, the name 'appdev1226', and links for 'MENU', 'Workspaces', 'Shared With Me', and 'Repositories'. Below that, it says 'YOUR CLOUD9 IDEs' and 'Webide: Free' with an 'Update' button. The main area is titled 'Workspaces' and shows a workspace named 'lab'. This workspace is described as a 'nodejs workspace' and has a note to 'Add a description [here](#)'. It was 'Updated 16 minutes ago.' and has resource specifications: '1 CPU', '1GB RAM', and '5GB HDD'. A green 'Open' button is highlighted with a red box. At the bottom left, there's a copyright notice: '© 2015 Cloud9 IDE Inc.' and a URL: 'https://ide.c9.io/appdev1226/lab'. A large orange number '5' is overlaid at the bottom center, and to its right, the text reads: '點按「Open」啟動虛擬主機'.

5 點按「Open」啟動虛擬主機

# 只要有網路，隨時可以創作（三）

The screenshot shows the Cloud9 IDE interface. The top bar displays the URL <https://ide.c9.io/appdev1226/lab>. The left sidebar shows the project structure under 'Workspace':

- lab
  - client
  - Day1
    - Demo
    - Lab\_FormControls
    - Lab\_JQM\_Table
    - Lab\_jQueryMobile
    - Lab\_ListView
    - Lab\_Lunar
    - Lab\_Panel
    - Lab\_Phonegap
    - Lab\_Table
    - Lab\_WindChimes
    - HTML\_Common\_Elements.pdf
    - WebsiteDesign.pdf
  - node\_modules
    - package.json
    - README.md
    - server.js

The main editor tab is titled 'Lab\_Controls\_OK.html' and contains the following HTML code:

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <meta charset="UTF-8">
5     <title>jQuery Lab - Controls</title>
6     <link rel="stylesheet"
7           href="jquery.mobile-1.3.2/jquery.mobile-1.3.2.min.css" />
8     <script src="jquery-1.9.1.min.js"></script>
9     <script src="jquery.mobile-1.3.2/jquery.mobile-1.3.2.min.js"></script>
10
11   </head>
12   <body>
13     <div data-role="page">
14       <div data-role="content">
15         <form method="post" action="http://exec.hostzi.com/echo.php">
16
17           <div data-role="fieldcontain">
18             <label for="txtInputText">Input text:</label>
19             <input type="text"
20                   name="txtInputText" id="txtInputText" value="" placeholder="請輸入資料" />
21           </div>
22
23           <div data-role="fieldcontain">
24             <label for="txtSearch">Search Input:</label>
25             <input type="search" name="txtSearch" id="txtSearch" value="" />
26           </div>
27
28
29           <div data-role="fieldcontain">
30             <label for="txtTextArea">Text area:</label>
```

The bottom terminal window shows the command prompt: `appdev1226:~/workspace $`.