

Eclipse Downloads

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 **Eclipse IDE for Java Developers**, 122 MB
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Add Flash, live Excel formulas, DBMS drivers and much more to your BIRT reports.

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 **Eclipse IDE for JavaScript Web Developers**, 100 MB

 [Windows 32 Bit](#)

Hint:

You will need Java SE 5 or later to download and connect to Software Center otherwise...

86 MB Details	 Windows 32 Bit Windows 64 Bit
Eclipse IDE for Developers (includes Incubating components), Details	 Windows 32 Bit Windows 64 Bit
Eclipse IDE for Java Developers, 174 MB Details	 Windows 32 Bit Windows 64 Bit
Eclipse IDE for Parallel Application Developers (includes Incubating Details	 Windows 32 Bit Windows 64 Bit

- [Known Issues](#)
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- ### Related Links
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or PHP Developers Package? [More Info](#)

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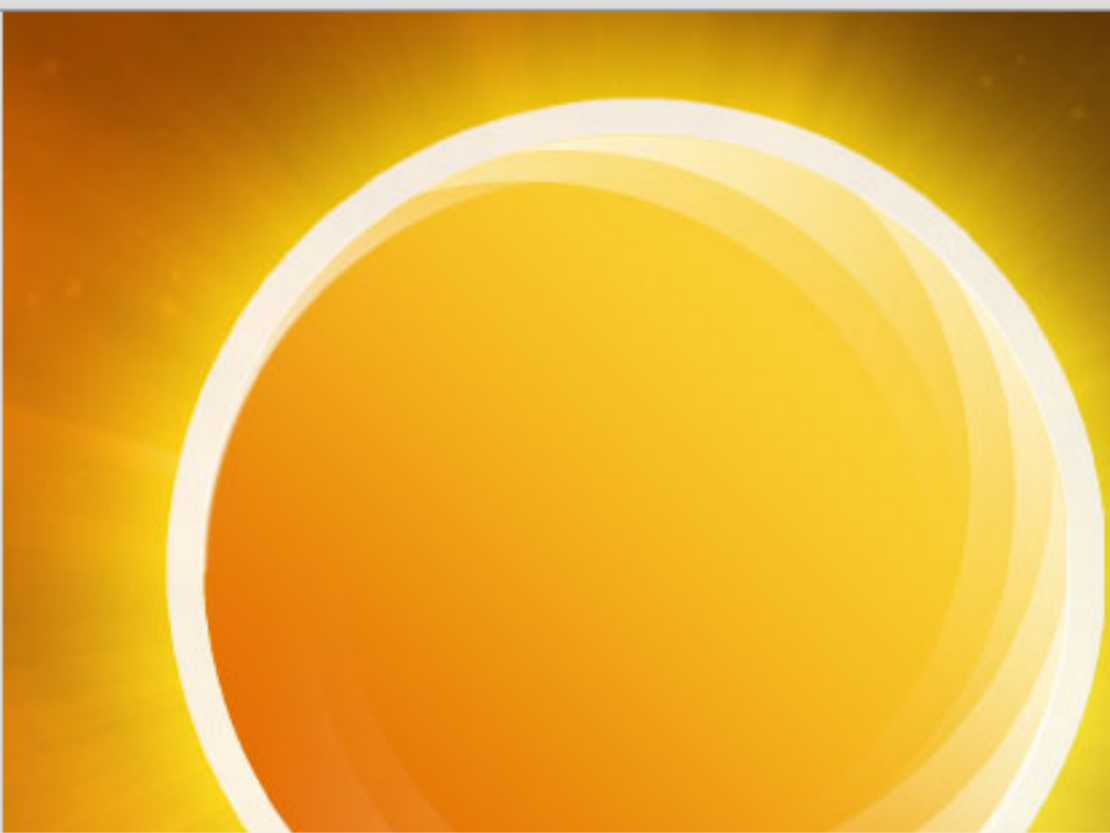
AdChoices ▶

我選這個檔案比較小些



Visit other Eclipse Sites



Eclipse Helios is

Eclipse Helios is the annual release of Eclipse pro
project teams are part of the release.

Click **here** to find out about the newest Eclipse Si

[Download Helios](#)



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Eclipse Helios Sr2 Packages

[Eclipse IDE for Java Developers](#), (99 MB)
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[Eclipse IDE for Java EE Developers](#), (206 MB)
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[Eclipse Classic 3.6.2](#), (171 MB)
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[Eclipse IDE for C/C++ Developers](#), (87 MB)
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Eclipse IDE for Java Developers

Package Details

The essential tools for any Java developer, including a Java IDE, a CVS client, XML Editor and Mylyn.

Feature List

org.eclipse.cvs	1.1.0
org.eclipse.epp.package.common.feature	
org.eclipse.equinox.p2.user.ui	1.1.0
org.eclipse.help	1.1.0
org.eclipse.jdt	3.6.0
org.eclipse.mylyn.bugzilla_feature	
org.eclipse.mylyn.context_feature	
org.eclipse.mylyn.ide_feature	
org.eclipse.mylyn.java_feature	
org.eclipse.mylyn.wikitext_feature	
org.eclipse.mylyn_feature	

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▶ [Checksums...](#)

Bugzilla

▶ [Open Bugs: 7](#)

▶ [Resolved Bugs: 26](#)

[File a Bug on this Package](#)

[New and Noteworthy](#)

[Eclipse Platform](#)

三個下載：

程式撰寫工具

程式語言

掛載到eclipse程式設計環境中

<http://www.eclipse.org/downloads/>

<http://www.eclipse.org/helios/>

<http://www.python.org/getit/releases/2.7.2/>

<http://code.google.com/intl/zh-TW/appengine/>

撰寫web based的網路程式，原本需要有主機、建置平台，考量機房安全、頻寬穩定等，以及自己的網域名稱、建立會員資訊等。

利用Google App Engine，利用Google的主機、機房與頻寬，還有自己可以訂立站名：如我的第一個站是「biglearner.appsopt.com」，這個站還可以指定多種版本，而且，一個gmail帳號預設可以建立十個站台。若需要參與者認證時，可以直接利用gmail系統，也可以利用gmail帳號來邀請合作夥伴喔！

我想先拿Goole官網的程式範例來介紹，呈現一次「走通流程」的介紹，自己的程式設計還是肉腳的啦！

連續五天早上三小時的課程，其實給自己很好的「磨工」機會～很少可以耐坐得這樣久，try一件小事務測試多次。如此，我也學會「轉換情境」，在下午、晚上的自由時間裡，模擬在上課中，磨下去、也嘗試不同方法，這樣有更好的工作效率呢！





這是Python社群網，
可以來逛逛

[登入](#)
 標題

 內文

[最新更動](#)
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[PotWiki/慣例](#)
[PythonProjects](#)
[說明](#)
[Pot](#)
[編輯\(Text\)](#)
[編輯\(GUI\)](#)
[關於](#)
[附件](#)
[更多功能](#)

Python@TW: [會眾](#) | [IRC](#) | [Planet](#) | [郵件列表](#) | [聯絡我們](#)

Python 台灣使用者群組

我們是 PyTUG (Python Taiwan User Group)；Python 台灣使用者群組，是台灣一群 [Python](#) 程式語言的愛好者。這裡是 [PotWiki](#)，由 PyTUG 所建立與維護的 wiki 網站。

pot 是 python.org.tw domain 的縮寫，所以 PyTUG 拿 **pot** 當作 PyTUG 在網路上的代稱，也用來稱呼所有 PyTUG 在 python.org.tw domain 下提供的服務。這便是本網站叫作 [PotWiki](#) 的原因。

焦點

- [COSCON 2011](#) 又來了！不來個 Python unconference ？
- [PycTW2011](#) 開辦啦！
- 來個 [SahanaCamp 1.1 Taiwan](#) 也不賴。
- 歡迎回饋意見至 [IRC](#) 或 [郵件論壇上](#)
- 2009 四五月 [SA@Tainan](#) 自由軟體技術教學工作坊高雄場

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Alternative Implementations

This site hosts the "traditional" implementation of Python (nicknamed CPython). A number of alternative implementations are available as well, namely

- [IronPython](#) (Python running on .NET)
- [Jython](#) (Python running on the Java Virtual Machine)
- [PyPy](#) (A fast python implementation with a JIT compiler)
- [Stackless Python](#) (Branch of CPython supporting microthreads)

Download Python

The current production versions are [Python 2.7.2](#) and [Python 3.2.1](#).

Start with one of these versions for learning Python or if you want the most stability; they're both considered stable production releases.

下載Python 2.7版，
比較適合GAE

COMMUNITY >>

FOUNDATION >>

CORE DEVELOPMENT >>

Python Wiki

Python Insider Blog

Python 2 or 3?

Help Maintain Website

Help Fund Python



Non-English Resources

Release Schedule

顯示 8/11 之後的活動。
[尋找更早的活動](#)顯示活動直到 9/15。
[尋找更多](#)

- [What's new in 2.7?](#)
- [Change log for this release.](#)
- [Online Documentation](#)
- Report bugs at <http://bugs.python.org>.
- [Help fund Python and its community.](#)

Download

This is a production release. Please [report any bugs](#) you encounter.

We currently support these formats for download:

- [Gzipped source tar ball \(2.7.2\) \(sig\)](#)
- [Bzipped source tar ball \(2.7.2\) \(sig\)](#)
- [XZ source tar ball \(2.7.2\) \(sig\)](#)
- [Windows x86 MSI Installer \(2.7.2\) \(sig\)](#)
- [Windows x86 MSI program database \(2.7.2\) \(sig\)](#)
- [Windows X86-64 MSI Installer \(2.7.2\) \[1\] \(sig\)](#)
- [Windows X86-64 program database \(2.7.2\) \[1\] \(sig\)](#)
- [Mac OS X 64-bit/32-bit x86-64/i386 Installer \(2.7.2\) for Mac OS X 10.6 and 10.7 \[2\] \(sig\)](#). [You may need an updated Tcl/Tk install to run IDLE or use Tkinter, see note 2 for instructions.]

Google code

例如「範本」或「資料存放區」「ajax api」或「開發

下載Google應用服務引擎 SDK 程式

Google 應用服務引擎

首頁 文件 常見

在 Google 的基礎架構上執行您的網路應用程式。

建置容易、維護簡單、擴充方便。

Java™ 語言支援測試版 **最新功能!**

「應用服務引擎」最近已揭露它的第二種語言：Java。這個版本包括 Java 執行階段的試用版，它與 Google Web Toolkit 與「Eclipse 專用的 Google 外掛程式」整合，提供您 AJAX 網路應用程式的端對端 Java 解決方案。我們的 Java 語言支援仍在開發之中，而我們非常希望能夠獲得您的意見與協助。現在，任何人都可以使用 Java 執行階段，歡迎試用並提供您的寶貴意見。

- 瀏覽我們的[網誌文章](#)，深入瞭解 Java 語言支援。
- 按一下連到 YouTube，觀看我們的[Campfire One 公告](#)。

入門指南

1. [申請](#)「應用服務引擎」帳戶。
2. [下載](#)「應用服務引擎 SDK」。
3. 閱讀「[入門指南](#)」。

邊看邊學



在「Google 應用服務引擎」上開發與部署。
[立即觀看](#)

最近的文章

[使用 remote_api 從遠端存取資料存放區](#)

Google code 搜尋 例如「範本」或「資料存放區」「ajax api」或「開放原始碼」

Google 應用服務引擎 首頁 文件 常見問題 文章 網誌 社群 條款 下載

下載 系統狀態 問題追蹤程式

入門指南 什麼是「Google 應用服務引擎」? Java Python

Java 總覽 Servlet 環境

下載

- 下載 Google 應用服務引擎 SDK
Python 專用的 Google 應用服務引擎 SDK
Java 專用的 Google 應用服務引擎 SDK
開放原始碼
下載 Eclipse 專用的 Google 外掛程式
下載 Google 應用服務引擎文件
下載 Google 應用服務引擎按鈕

選出 Python 專用

下載 Google 應用服務引擎 SDK

透過下載，您同意「條款」所述之「應用服務引擎 SDK」使用規範，並接受其約束。

請注意：「應用服務引擎 SDK」仍在開發中，在您試用其功能時請記住這一點。請參閱 SDK 版本

JRE 類別白名單

- ⊕ 設定
- ⊕ 工具
- ⊕ 操作指示

Python

- 總覽
- CGI 環境
- ⊕ 儲存資料
- ⊕ 服務
- ⊕ 設定
- ⊕ 工具
- ⊕ 操作指示

管理應用程式

- 管理控制台
- 配額
- 計費

Python 專用的 Google 應用服務引擎 SDK

平台	版本	套件	大小	SHA1 總和檢查碼
Windows	1.5.2 - 2011-07-21	GoogleAppEngine-1.5.2.msi	16.8 MB	ed84e565469a998e16c25cf
Mac OS X	1.5.2 - 2011-07-21	GoogleAppEngineLauncher-1.5.2.dmg	12.4 MB	855ab112fb3707920d54f8d4
Linux/其他平台	1.5.2 - 2011-07-21	google_appengine_1.5.2.zip	11.4 MB	a9457232bc7aa9316ce03dE

如需進一步瞭解 Python 專用的 SDK：

- [總覽](#)
- [入門指南](#)

Java 專用的 Google 應用服務引擎 SDK

版本	套件	大小	SHA1 總和檢查碼
1.5.2 - 2011-07-21	appengine-java-sdk-1.5.2.zip	38.2 MB	a92ba4ed26696584d927e72e0b5b746f8988741

管理應用程式

- [管理控制台](#)
- [配額](#)
- [計費](#)

資源

- [常見問題](#)
- [留言](#)
- [SDK 程式碼](#)
- [範例應用程式程式碼](#)
- [討論群組](#)

- [產品藍圖](#)
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Java 專用的 Google 應用服務引擎 SDK

版本	套件	大小	SHA1 總和檢查碼
1.5.2 - 2011-07-21	appengine-java-sdk-1.5.2.zip	38.2 MB	a92ba4ed26696584d927e72e0b5bf746f8988741

如需進一步瞭解 Java 專用的 Google 應用服務引擎 SDK：

- [總覽](#)
- [入門指南](#)

下載範例檔

開放原始碼





開放原始碼「應用服務引擎 SDK」的鏡像可以透過 Google Code 代管的 [Google 應用服務引擎專案頁面](#) 取得。

下載 Eclipse 專用的 Google 外掛程式

如需 [Eclipse 專用的 Google 外掛程式](#) 的下載與安裝說明，請按一下 [此處](#)。

下載 Google 應用服務引擎文件

Google App Engine

	openid-consumer_20090125.tar.gz	An OpenID consumer. Allows users to log in with any OpenID account. Deployed at openid-consumer.appspot.com. <i>Featured</i>	Jan 2009	142 KB	6034
	simpleajaxchat_10312008.zip	Simple AJAX chat client, with support for user profiles and use of memcache for caching chats. <i>Featured</i>	Oct 2008	5.5 KB	33760
	guestbook_10312008.zip	The python code for the snippets presented in the guestbook example from the "Getting Started" docs. <i>Featured</i>	Oct 2008	4.4 KB	14988
	openid-consumer_20080704.tar.gz	An OpenID consumer. Allows users to log in with any OpenID account. Deployed at openid-consumer.appspot.com.	Jul 2008	244 KB	5377

檔案及資料夾工作

- 建立新的資料夾
- 將這個資料夾發佈到網站
- 共用這個資料夾

其他位置

- 桌面
- 我的文件
- 共用文件
- 我的電腦
- 網路上的芳鄰

詳細資料

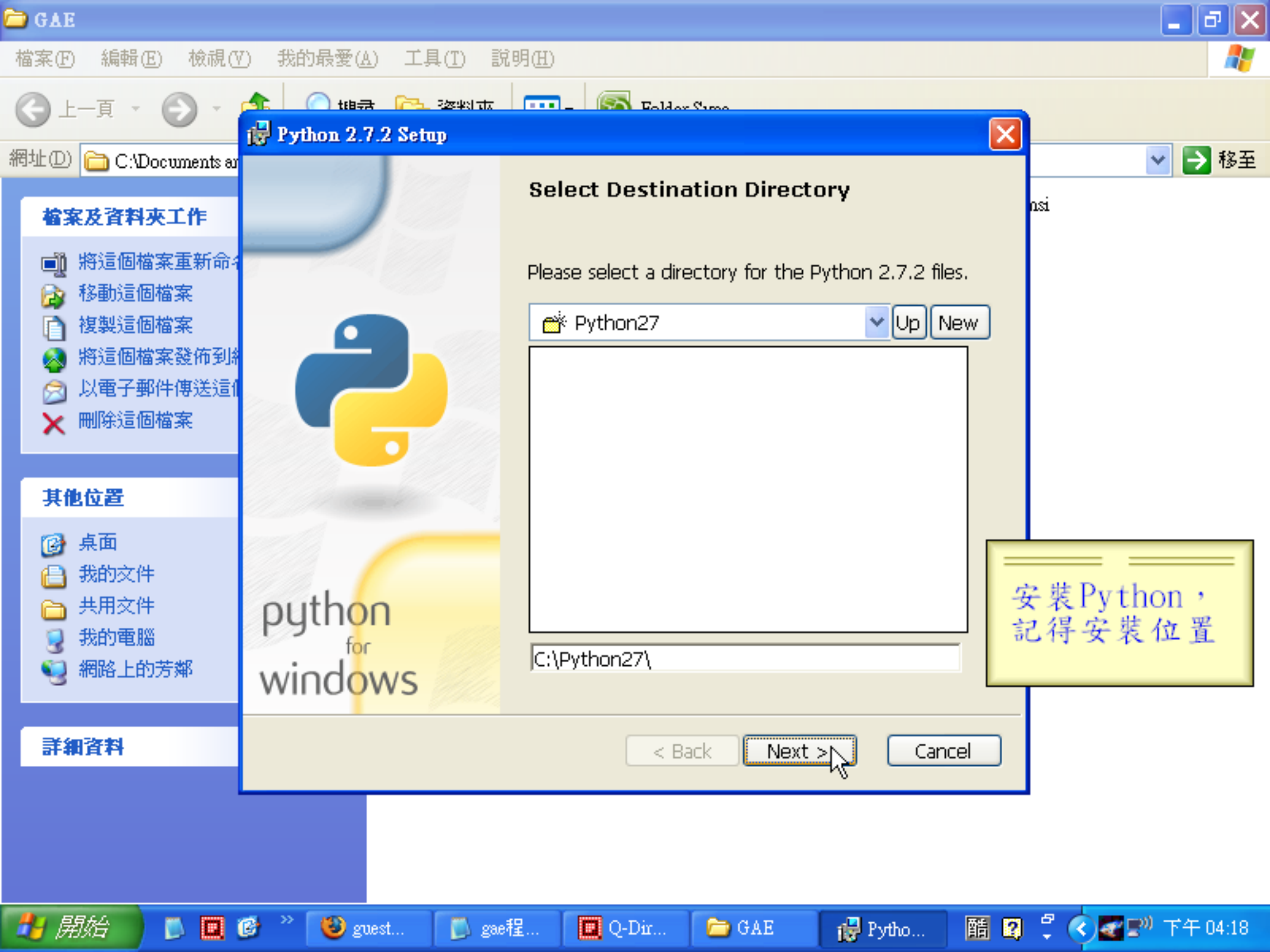
eclipse-java-helios-SR2-win32.zip
101,575 KB

guestbook_10312008.zip
5 KB

GoogleAppEngine-1.5.2.msi
Windows Installer 封裝
17,184 KB

python-2.7.2.msi
Windows Installer 封裝
15,596 KB

這些就是所有需要用到的
程式檔案



Python 2.7.2 Setup

Select Destination Directory

Please select a directory for the Python 2.7.2 files.

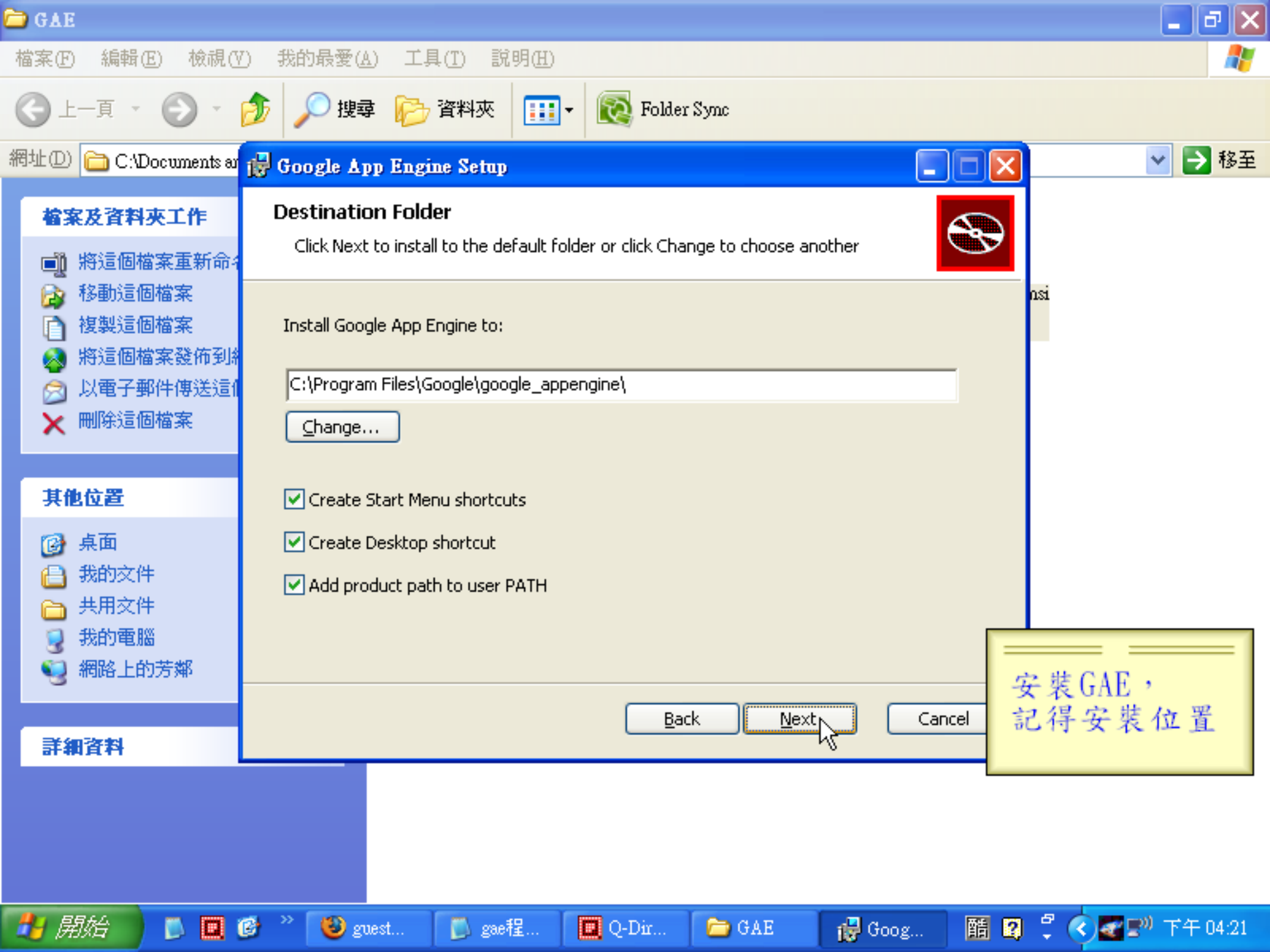
Python27 Up New



C:\Python27\

安裝Python，
記得安裝位置

< Back Next > Cancel



Destination Folder

Click Next to install to the default folder or click Change to choose another

Install Google App Engine to:

C:\Program Files\Google\google_appengine\

Change...

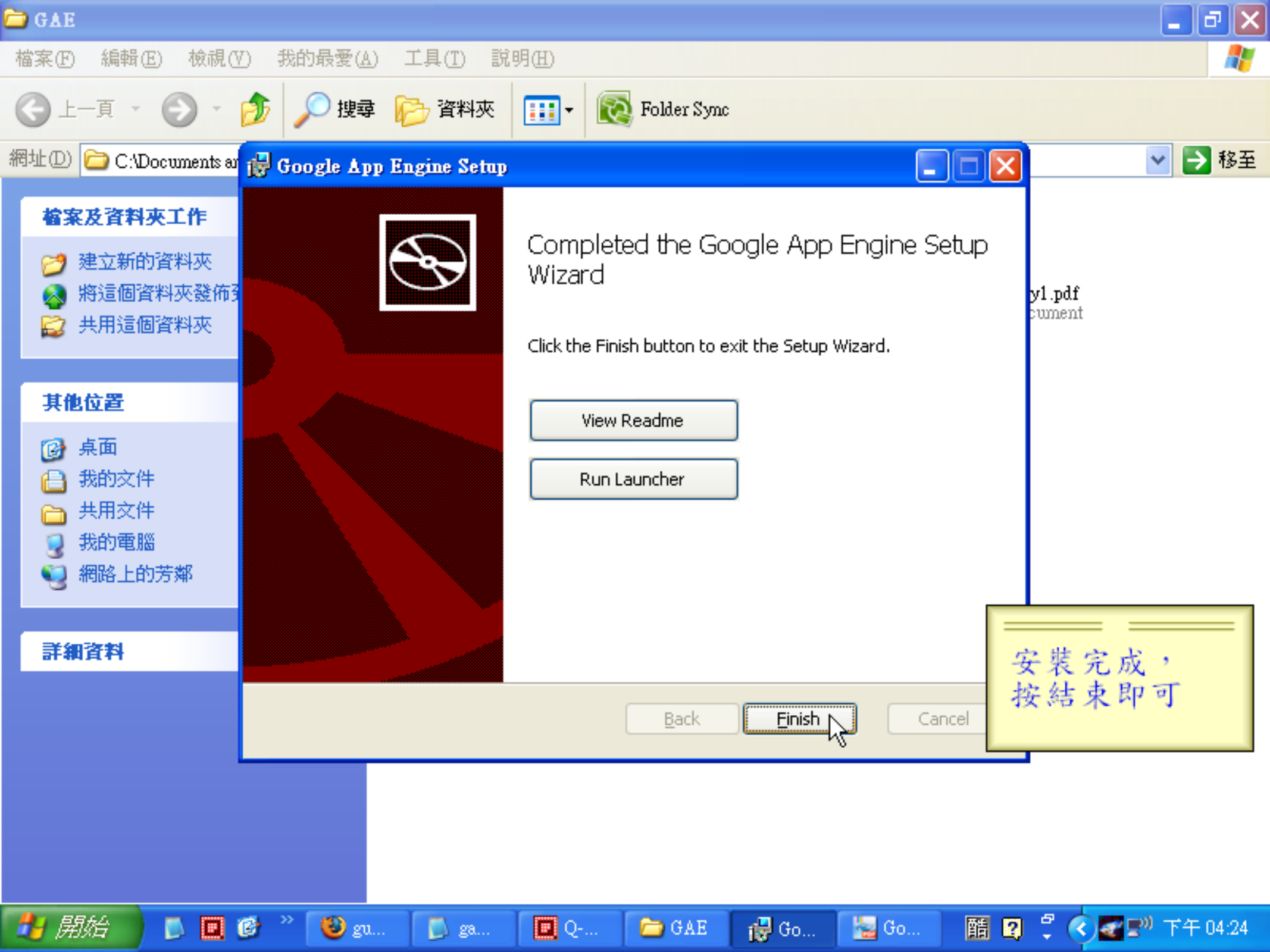
- Create Start Menu shortcuts
- Create Desktop shortcut
- Add product path to user PATH

Back

Next

Cancel

安裝GAE，
記得安裝位置



檔案(F) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

← 上一頁 → 搜尋 資料夾 Folder Sync

網址(D) C:\Documents and Settings\user\My Documents

- 檔案及資料夾工作**
- 建立新的資料夾
 - 將這個資料夾發佈到網路
 - 共用這個資料夾

- 其他位置**
- 桌面
 - 我的文件
 - 共用文件
 - 我的電腦
 - 網路上的芳鄰

詳細資料

Google App Engine Setup



Completed the Google App Engine Setup Wizard

Click the Finish button to exit the Setup Wizard.

View Readme

Run Launcher

Back Finish Cancel

安裝完成，按結束即可

cyc

- 網際網路
Internet Explorer
 - 電子郵件
Microsoft Office Outlook
 - Wink
 - Mozilla Firefox
 - 記事本
 - Microsoft Office Word 2007
 - PDF-Viewer
 - FreeMind
 - Uninstall Python
- 所有程式(P) ▶

- 我的文件
- 我最近的文件(D) ▶
- 我的圖片
- 我的音樂
- 我的電腦
- 網路上的芳鄰
- 控制台(C)
- 設定程式存取及預
- 連線到(T)
- 印表機和傳真
- 說明及支援(H)
- 搜尋(S)
- 執行(R)...

開啓(O)

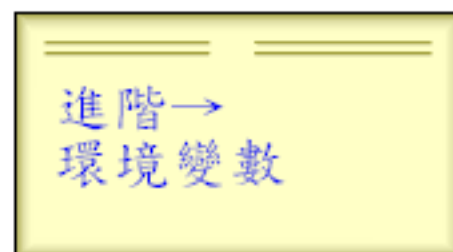
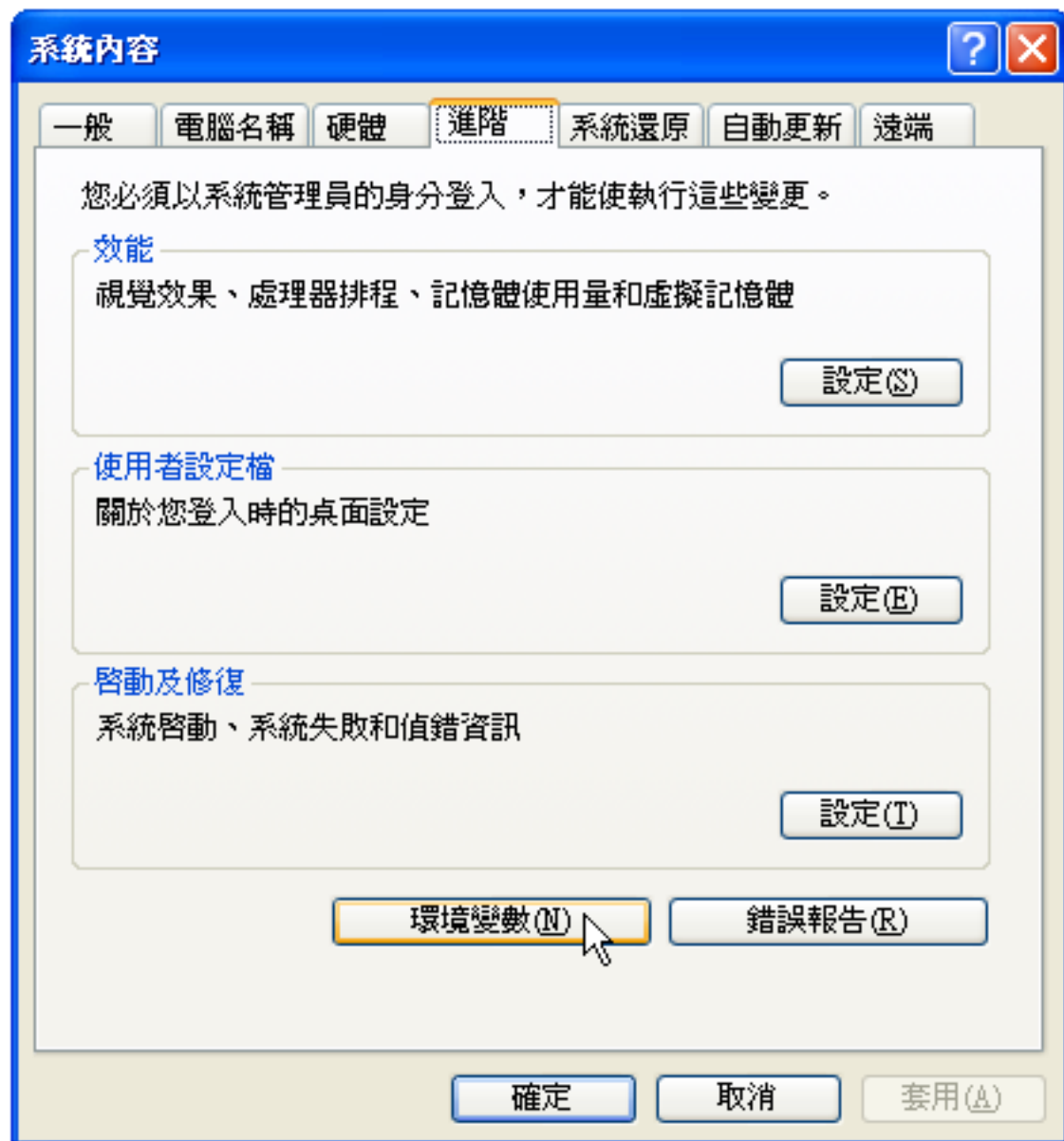
- Add to HFS
- 檔案總管(X)
- 搜尋(E)...
- 管理(G)

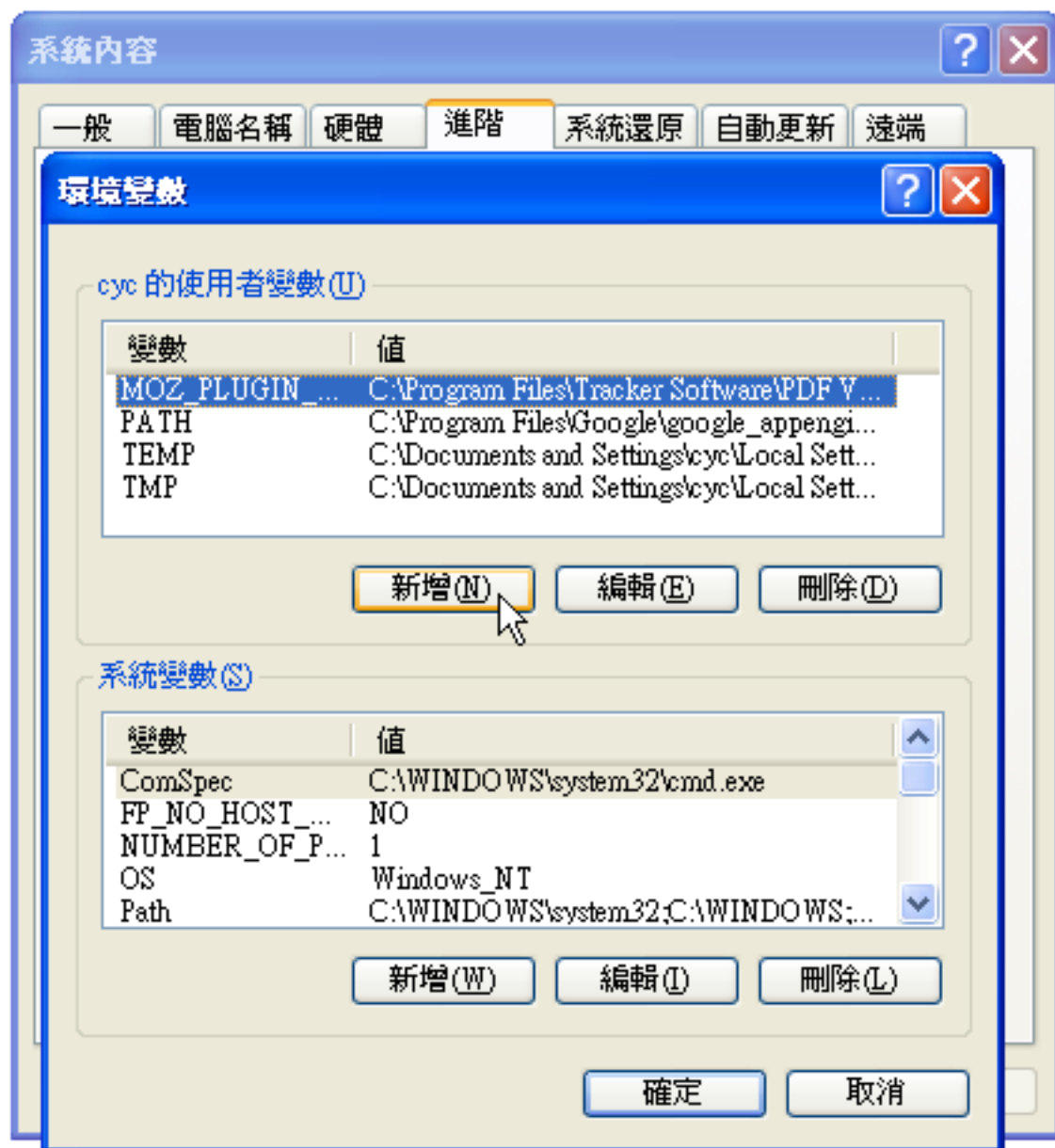
- 連線網路磁碟機(N)...
- 中斷網路磁碟機(D)...

- 顯示在桌面上(S)
- 重新命名(M)

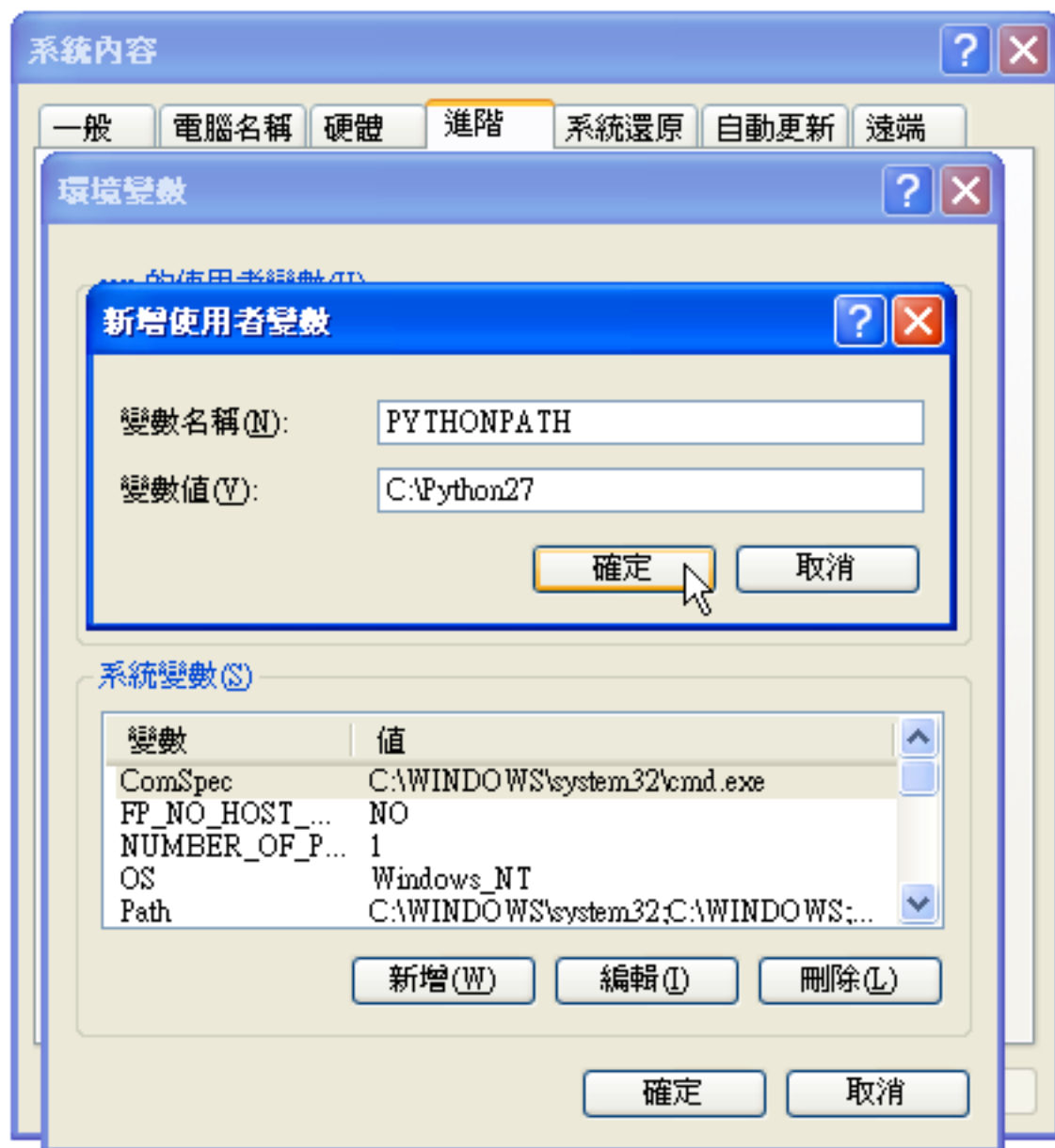
內容(R)

從我的電腦
按右鍵→內容





新增使用者變數

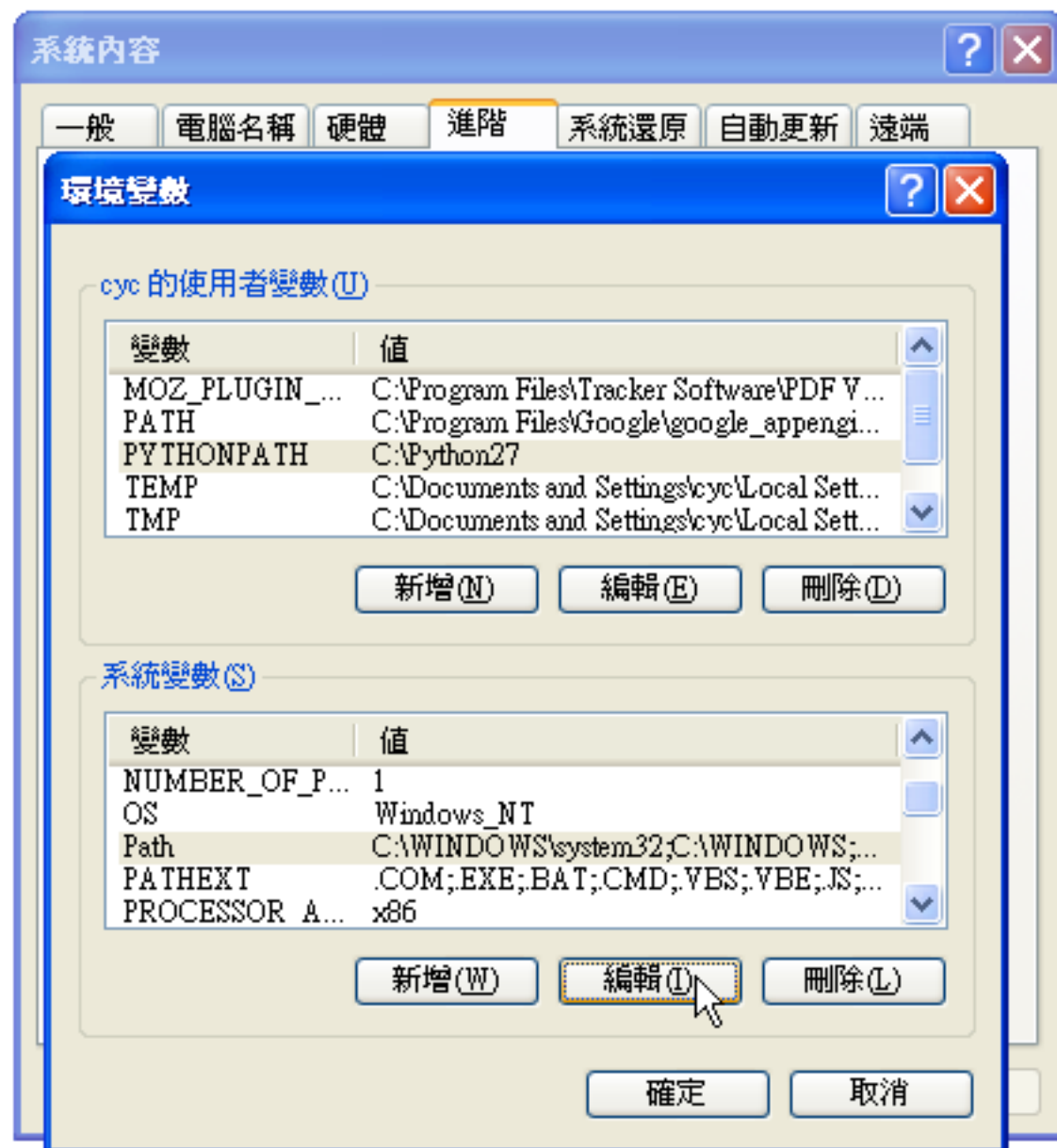


加上Python路徑

變數名稱：PYTHONPATH

變數值：C:\Python27

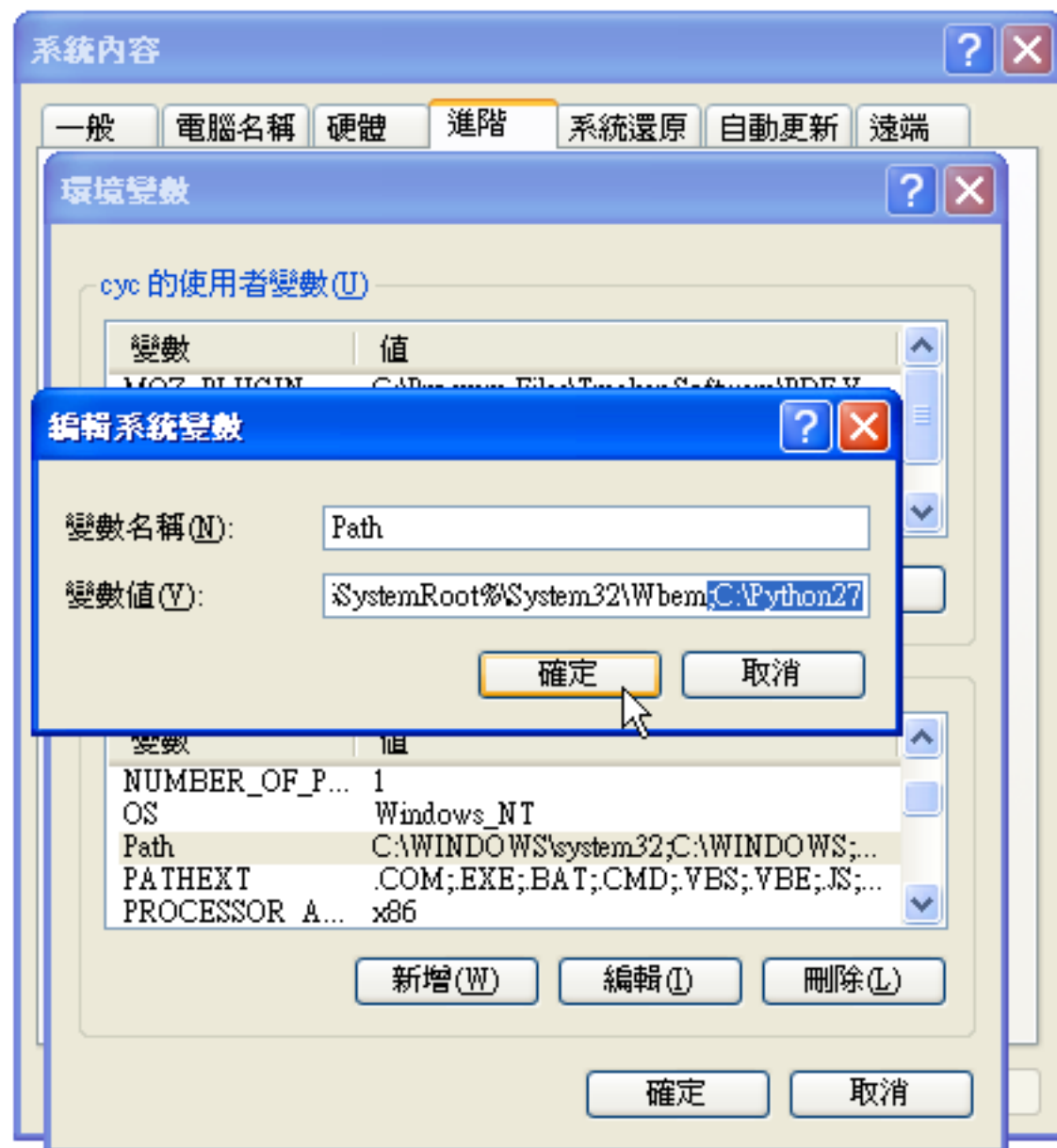
編輯系統變數，在最後加上 ;C:\Python27

再來編輯
系統變數

變數名稱：PYTHONPATH

變數值：C:\Python27

編輯系統變數，在最後加上 ;C:\Python27



找到Path
在最後加上
;C:\Python27
要先有個分號喔！

檔案及資料夾工作

- 建立新的資料夾
- 將這個資料夾發佈到網站
- 共用這個資料夾

其他位置

- eclipse-java-helios-SR2-win32
- 我的文件
- 共用文件
- 我的電腦
- 網路上的芳鄰

詳細資料

- | | | | |
|--|--|--|--|
| | configuration | | dropins |
| | features | | p2 |
| | plugins | | readme |
| | .eclipseproduct
ECLIPSEPRODUCT 檔案
1 KB | | artifacts.xml
XML Document
74 KB |
| | eclipse.exe | | eclipse.ini
組態設定值
1 KB |
| | eclipsesec.exe | | epl-v10.html
HTML Document |
| | notice.html
HTML Document
9 KB | | |

把Eclipse程式
解壓縮後，執行程式

檔案及資料夾工作

- 將這個檔案重新命名
- 移動這個檔案
- 複製這個檔案
- 將這個檔案發佈到網站
- 以電子郵件傳送這個檔案
- 刪除這個檔案

其他位置

- eclipse-java-helios-SR2-w...
- 我的文件
- 共用文件
- 我的電腦
- 網路上的芳鄰

詳細資料



notice.html
HTML Document
9 KB

Workspace Launcher

Select a workspace

Eclipse stores your projects in a folder called a workspace.
Choose a workspace folder to use for this session.

Workspace: C:\Documents and Settings\cyc\workspace Browse...

Use this as the default and do not ask again

OK Cancel

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notice.html
HTML Document
9 KB

指定工作空間，
採預設值即可

- Welcome
- Help Contents
- Search
- Dynamic Help
- Key Assist... Ctrl+Shift+L
- Tips and Tricks...
- Report Bug or Enhancement...
- Cheat Sheets...
- Check for Updates
- Install New Software...**
- Eclipse Marketplace...
- About Eclipse

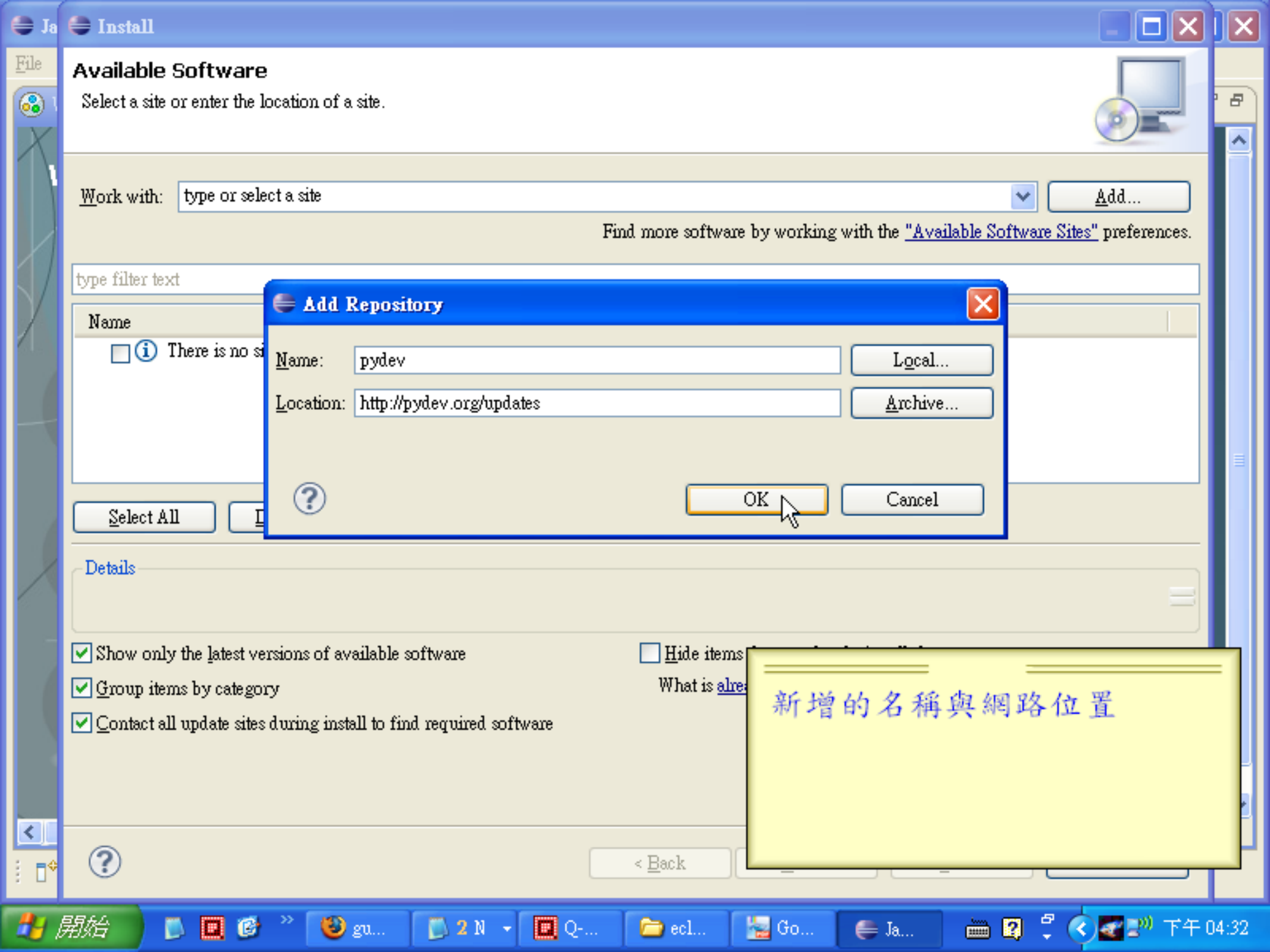
Welcome

Welcome to the Eclipse IDE for



eclipse

在視窗選項 →
安裝新軟體



Available Software

Select a site or enter the location of a site.

Work with: type or select a site



Add...

Find more software by working with the "[Available Software Sites](#)" preferences.

type filter text

Add Repository

Name

There is no software available for this repository.

Name: pydev

Local...

Location: http://pydev.org/updates

Archive...



OK

Cancel

Select All

Details

- Show only the latest versions of available software
- Group items by category
- Contact all update sites during install to find required software

Hide items

What is [already installed](#)?

新增的名稱與網路位置

< Back

Available Software

Check the items that you wish to install.



Work with: pydev - <http://pydev.org/updates>

Add...

Find more software by working with the "[Available Software Sites](#)" preferences.

type filter text

Name	Version
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> PyDev	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> PyDev Mylyn Integration (optional)	

Select All

Deselect All

2 items selected

Details

- Show only the latest versions of available software
- Group items by category
- Contact all update sites during install to find required software

Hide items that are already installed

What is [already installed](#)?

< Back

Next >


Finish

Cancel

Install Details

Review the items to be installed.



Name	Version	Id
 PyDev for Eclipse	2.2.1.2011071313	org.python.pydev.feature.feature.group

Size: Unknown

[Details](#)

下一步

< Back **Next >** Finish Cancel

Review Licenses

Licenses must be reviewed and accepted before the software can be installed.

License text (for PyDev for Eclipse 2.2.1.2011071313):

Eclipse Public License - v 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

- a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and
- b) in the case of each subsequent Contributor:

- i) changes to the Program, and

- ii) additions to the Program;

where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. A Contribution 'originates' from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include additions to the Program which: (i) are separate modules of software distributed in conjunction with the Program under their own license agreement, and (ii) are not derivative works of the Program.

"Contributor" means any person or entity that distributes the Program.

"Licensed Patents " mean patent claims licensable by a Contributor which are necessarily infringed by the

I accept the terms of the license agreement

I do not accept the terms of the license agreement

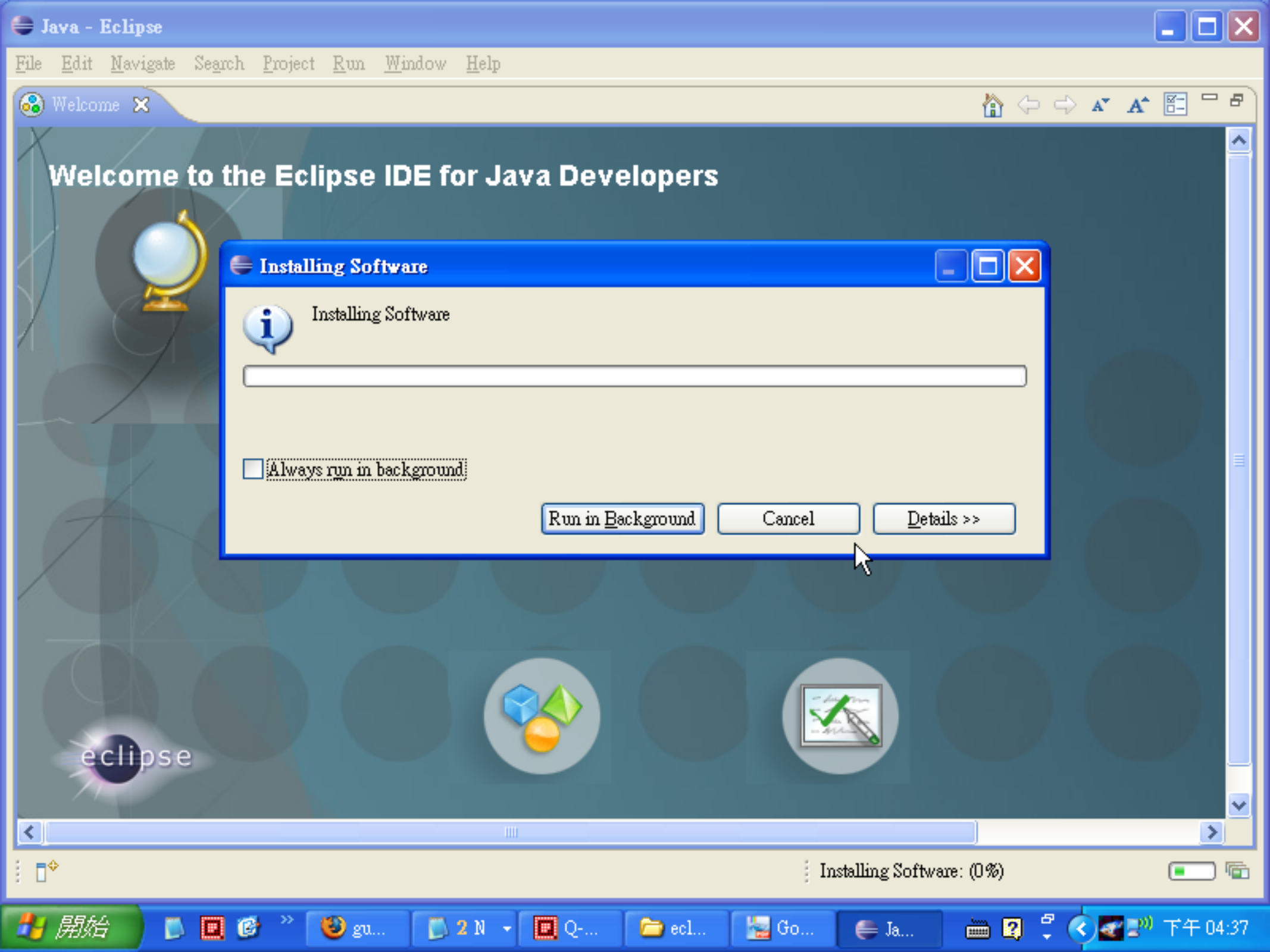
安裝完成

< Back

Next >

Finish

Cancel



Welcome to the Eclipse IDE for Java Developers

Installing Software



Installing Software

Always run in background

Run in Background

Cancel

Details >>

eclipse

Installing Software: (0%)

開始

gu...

2 N

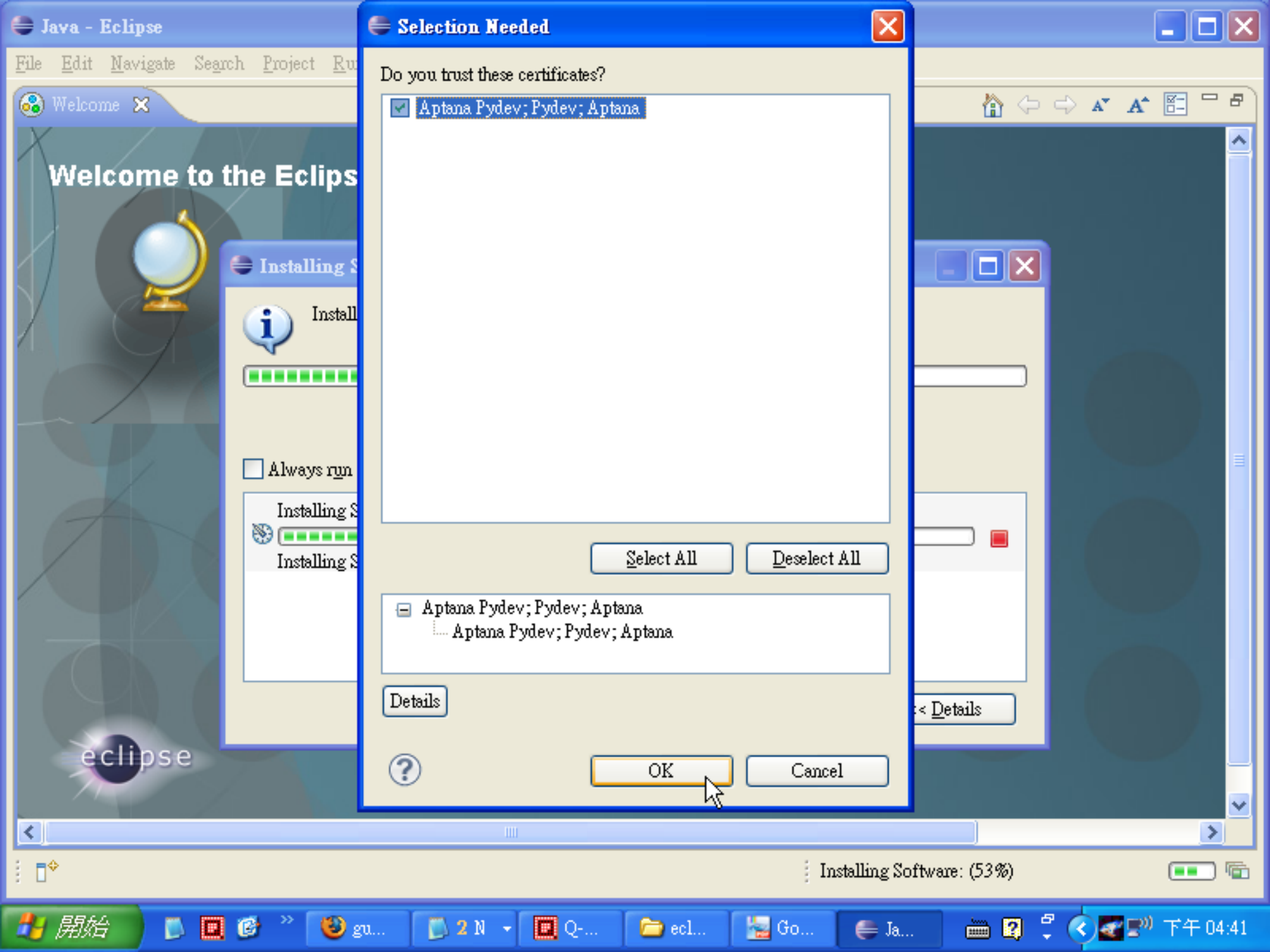
Q...

ecl...

Go...

Ja...

下午 04:37



Selection Needed

Do you trust these certificates?

- Aptana Pydev; Pydev; Aptana

Select All Deselect All

- Aptana Pydev; Pydev; Aptana
 - Aptana Pydev; Pydev; Aptana

Details

OK Cancel

Installing Software

Install

Always run

Installing Software

Installing Software

Installing Software: (53%)

Welcome to the Eclipse IDE for Java Developers

Software Updates

? You will need to restart Eclipse for the installation changes to take effect. You may try to apply the changes without restarting, but this may cause errors.

重新啟動Eclipse

Application: biglearner (High Replication) 1

Workspace Launcher

Select a workspace

Eclipse stores your projects in a folder called a workspace. Choose a workspace folder to use for this session.

Workspace: C:\Documents and Settings\cyc\workspace Browse...

Use this as the default and do not ask again

OK Cancel

- Main
- [Dashboard](#)
- [Instances](#)
- [Logs](#)
- [Versions](#)**
- [Backends](#)
- [Cron Jobs](#)
- [Task Queues](#)
- [Quota Details](#)
- Data
- [Datastore Indexes](#)
- [Datastore Viewer](#)
- [Datastore Statistics](#)
- [Blob Viewer](#)

code. If you do not want any

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Welcome X

Welcome to the Eclipse IDE for Java Developers

- New Window
- New Editor
- Hide Toolbar
- Open Perspective
- Show View
- Customize Perspective...
- Save Perspective As...
- Reset Perspective...
- Close Perspective
- Close All Perspectives
- Navigation
- Preferences

Window → Preferences

eclipse

type filter text

- + General
- + Ant
- + Help
- + Install/Update
- + Java
- PyDev
 - ... Builders
 - + Debug
 - + Editor
 - ... Interactive Console
 - ... Interpreter - Iron Python
 - ... Interpreter - Jython
 - Interpreter - Python
 - ... Logging
 - ... PyLint
 - ... PyUnit
 - ... Scripting PyDev
 - ... Task Tags
- + Run/Debug
- + Tasks
- + Team
- + Usage Data Collector
- ... Validation
- + XML

Python Interpreters

Python interpreters (e.g.: python.exe)

Name	Location

- New...
- Auto Config
- Remove
- Up
- Down

- Libraries
- Forced Builtins
- Predefined
- Environment
- String Substitution Variables

System PYTHONPATH

- New Folder
- New Egg/Zip(s)
- Remove

在PyDev→InterPreter
選擇『Auto Config』



酷 [User Icon]

Cancel

Selection needed

Select the folders to be added to the SYSTEM pythonpath!

IMPORTANT: The folders for your PROJECTS should NOT be added here, but in your project configuration.
Check: http://pydev.org/manual_101_interpreter.html for more details.

- C:\Documents and Settings\cyc\桌面\GAE\eclipse-java-helios-SR2-win32\eclipse\plugins\org.python
- C:\Python27
- C:\WINDOWS\system32\python27.zip
- C:\Python27\DLLs
- C:\Python27\lib
- C:\Python27\lib\plat-win
- C:\Python27\lib\lib-tk
- C:\Python27\lib\site-packages

OK即可

Select All not in Workspace Select All Deselect All

OK Cancel

Preferences

type filter text

- + General
- + Ant
- + Help
- + Install/Update
- + Java
- PyDev
 - Builders
 - + Debug
 - + Editor
 - Interactive Co...
 - Interpreter - I...
 - Interpreter - J...
 - Interpreter - P...
 - Logging
 - PyLint
 - PyUnit
 - Scripting PyD...
 - Task Tags
- + Run/Debug
- + Tasks
- + Team
- + Usage Data Collec...
- Validation
- + XML

Navigation: Back, Forward, Home

Buttons: New..., Auto Config, Remove, Up, Down

Buttons: New Folder, New Egg/Zip(s), Remove

Buttons: Cancel


type filter text

- + General
- + Ant
- + Help
- + Install/Update
- + Java
- PyDev
 - Builders
 - + Debug
 - + Editor
 - Interactive Console
 - Interpreter - Iron Python
 - Interpreter - Jython
 - Interpreter - Python
 - Logging
 - PyLint
 - PyUnit
 - Scripting PyDev
 - Task Tags
- + Run/Debug
- + Tasks
- + Team
- + Usage Data Collector
- Validation
- + XML

Python Interpreters



Python interpreters (e.g.: python.exe)

Name	Location
 python	C:\Python27\python.exe


New...

Auto Config

Remove

Up

Down

-  Libraries
- Forced Builtins
- Predefined
-  Environment
- String Substitution Variables

System PYTHONPATH

 System libs

-  C:\Python27
-  C:\Python27\DLLs
-  C:\Python27\lib
-  C:\Python27\lib\plat-win
-  C:\Python27\lib\lib-tk
-  C:\Python27\lib\site-packages

New Folder

New Egg/Zip(s)

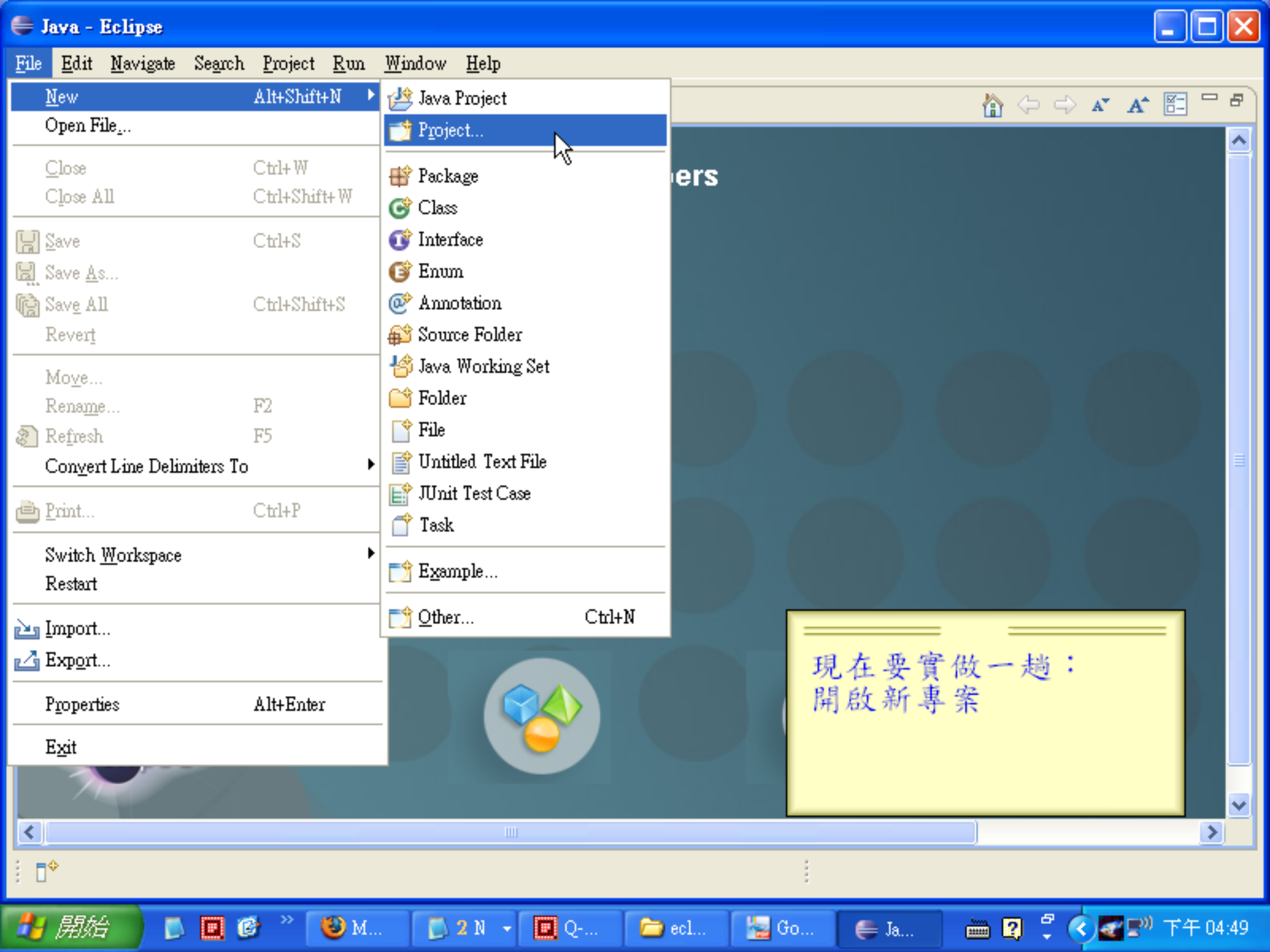
Remove



OK

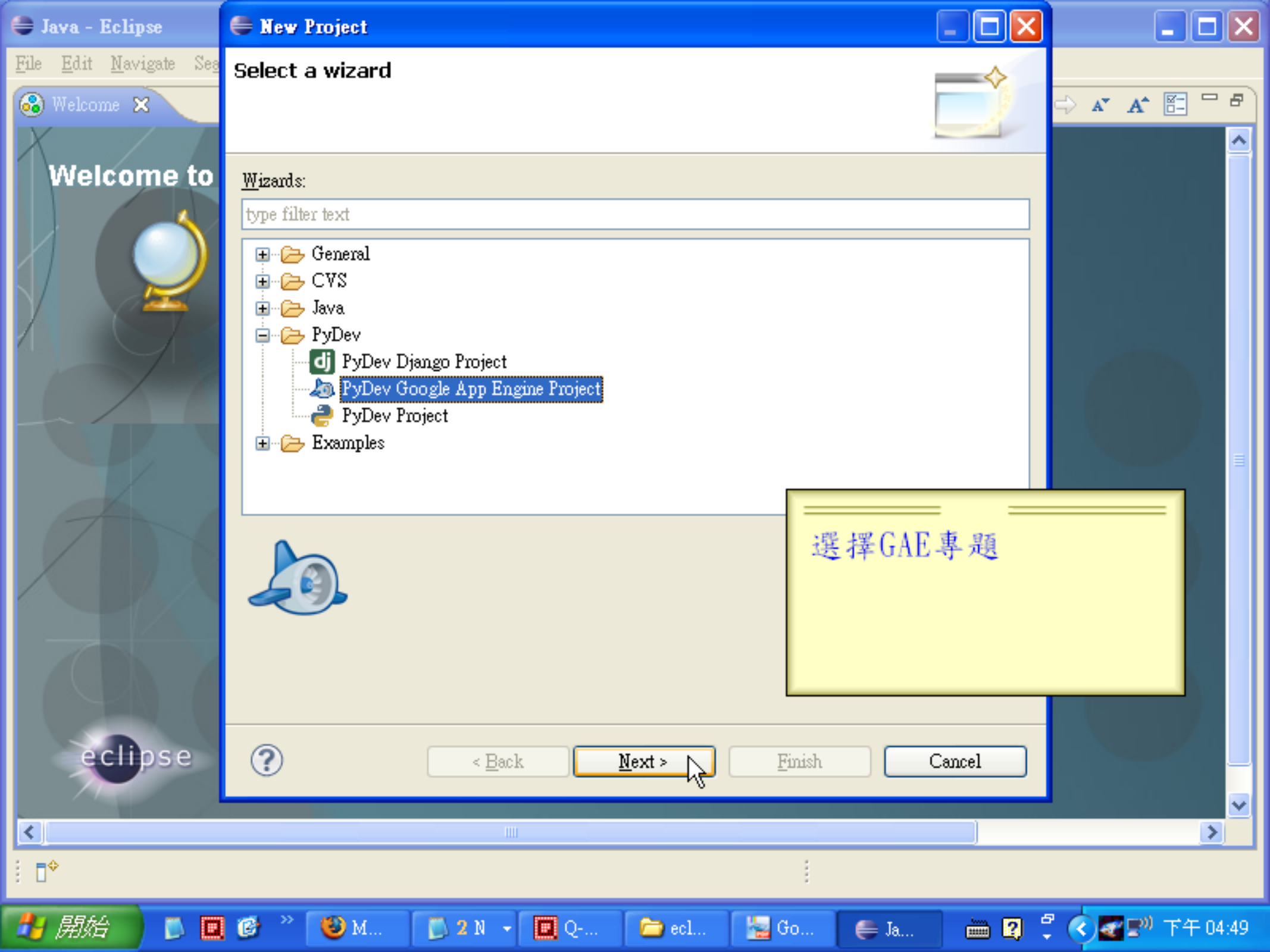
Cancel

酷



- New Alt+Shift+N
 - Java Project
 - Project...
 - Package
 - Class
 - Interface
 - Enum
 - Annotation
 - Source Folder
 - Java Working Set
 - Folder
 - File
 - Untitled Text File
 - JUnit Test Case
 - Task
- Open File...
- Close Ctrl+W
- Close All Ctrl+Shift+W
- Save Ctrl+S
- Save As...
- Save All Ctrl+Shift+S
- Revert
- Move...
- Rename... F2
- Refresh F5
- Convert Line Delimiters To
- Print... Ctrl+P
- Switch Workspace
- Restart
- Import...
- Export...
- Properties Alt+Enter
- Exit

現在要實做一趟：
開啟新專案



New Project

Select a wizard

Wizards:

type filter text

- General
- CVS
- Java
- PyDev
 - PyDev Django Project
 - PyDev Google App Engine Project**
 - PyDev Project
- Examples

選擇GAE專題

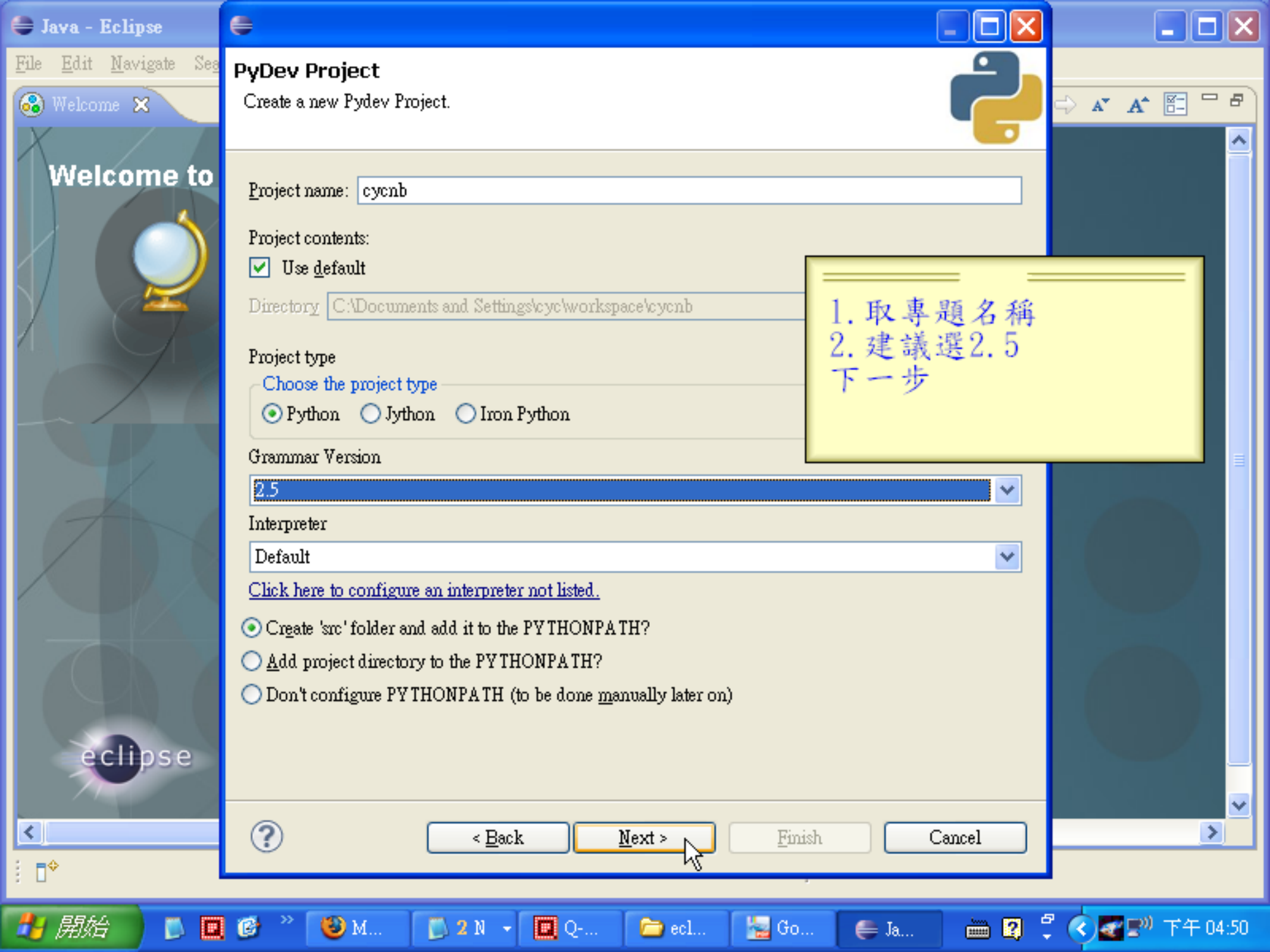


< Back

Next >

Finish

Cancel



PyDev Project

Create a new Pydev Project.



Project name:

Project contents:

Use default

Directory

Project type

[Choose the project type](#)

Python Jython Iron Python

Grammar Version

Interpreter

[Click here to configure an interpreter not listed.](#)

- Create 'src' folder and add it to the PYTHONPATH?
- Add project directory to the PYTHONPATH?
- Don't configure PYTHONPATH (to be done manually later on)

1. 取專題名稱
 2. 建議選2.5
 下一步

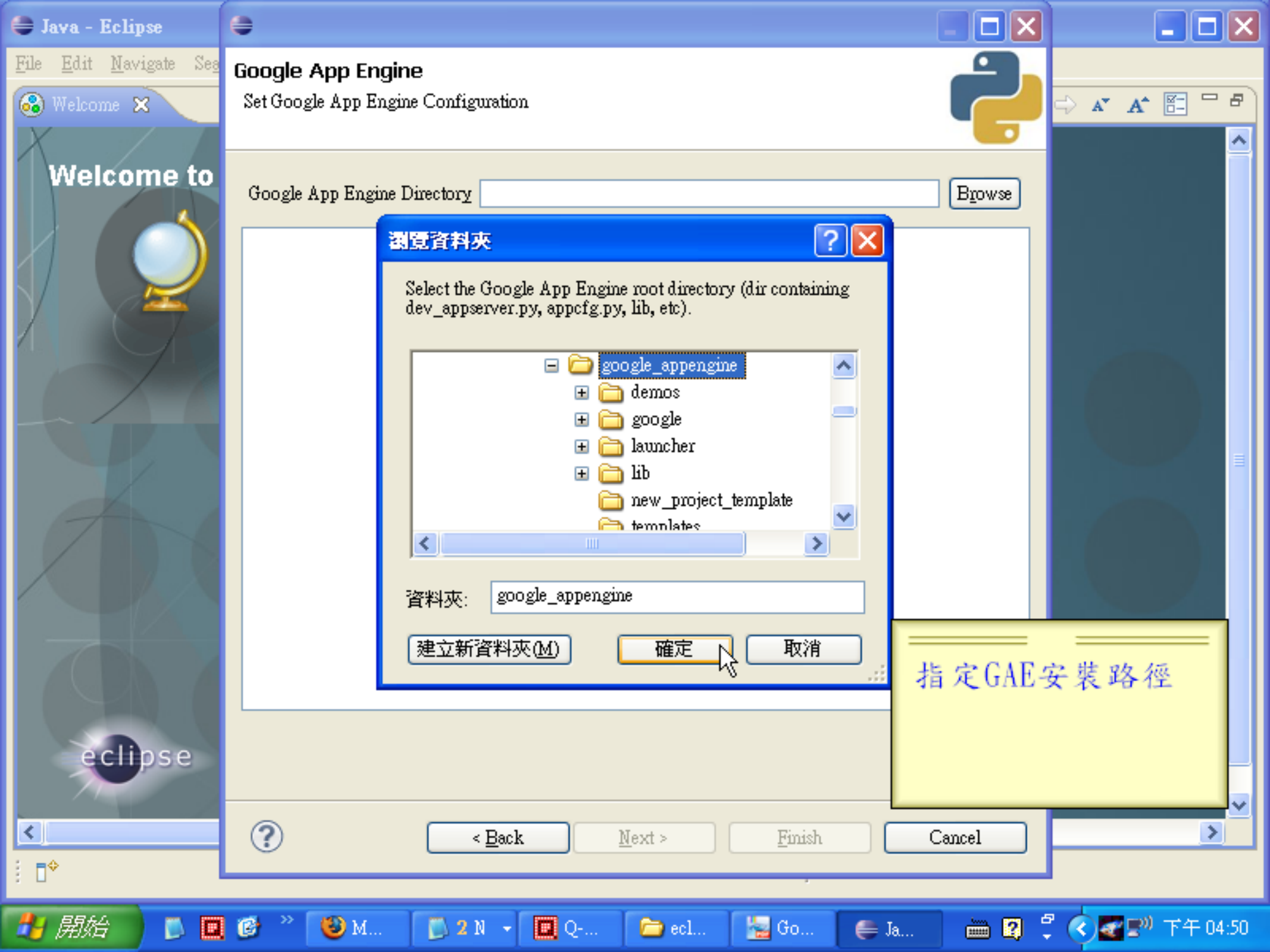


< Back

Next >

Finish

Cancel



Google App Engine

Set Google App Engine Configuration



Google App Engine Directory

Browse

瀏覽資料夾

Select the Google App Engine root directory (dir containing dev_appserver.py, appcfg.py, lib, etc).

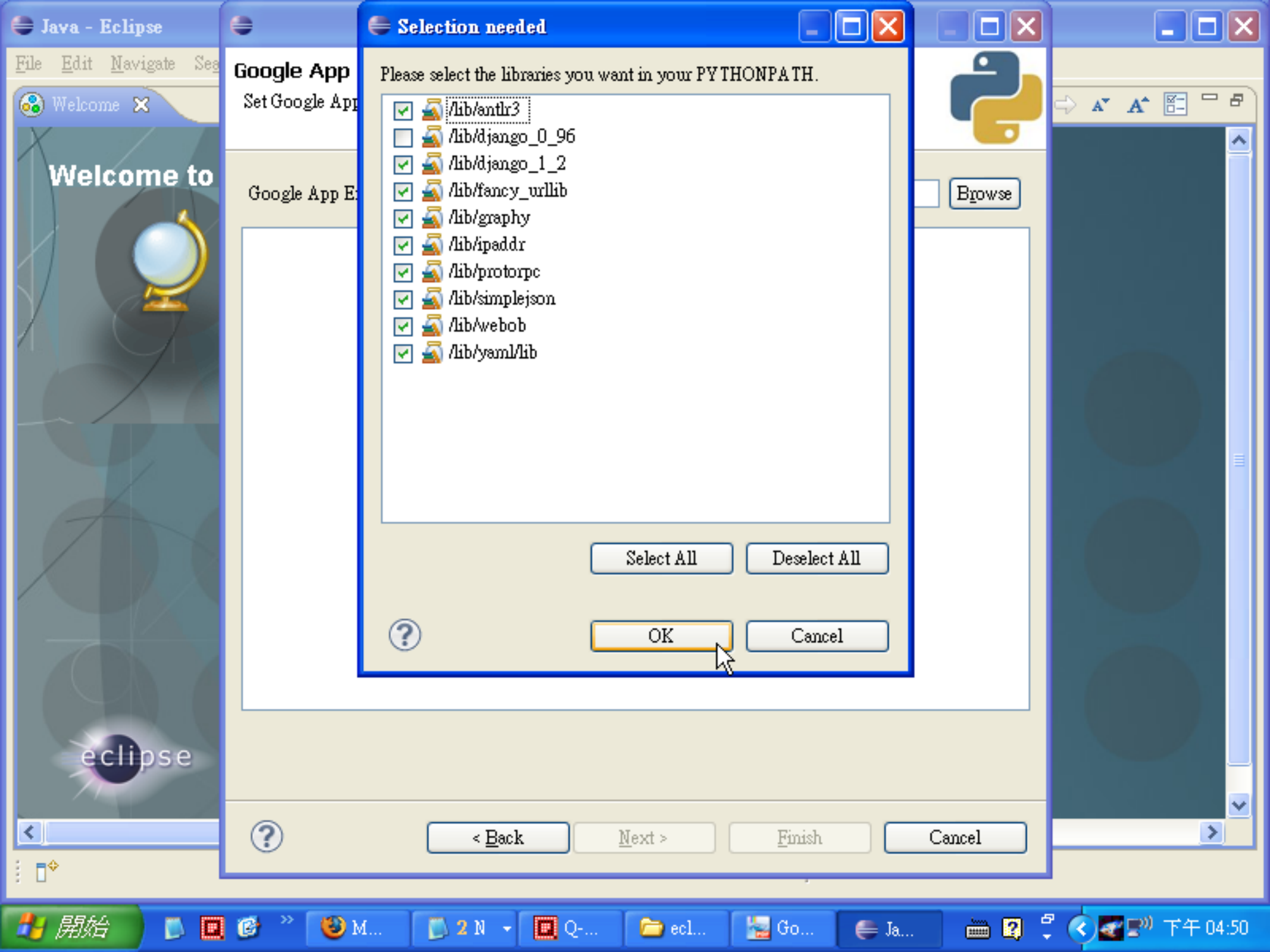
- google_appengine
- demos
- google
- launcher
- lib
- new_project_template
- templates

資料夾: google_appengine

建立新資料夾(M) 確定 取消

指定GAE安裝路徑

< Back Next > Finish Cancel



Please select the libraries you want in your PYTHONPATH.

- /lib/antlr3
- /lib/django_0_96
- /lib/django_1_2
- /lib/fancy_urllib
- /lib/graphy
- /lib/ipaddr
- /lib/protorpc
- /lib/simplejson
- /lib/webob
- /lib/yaml/lib

Select All Deselect All

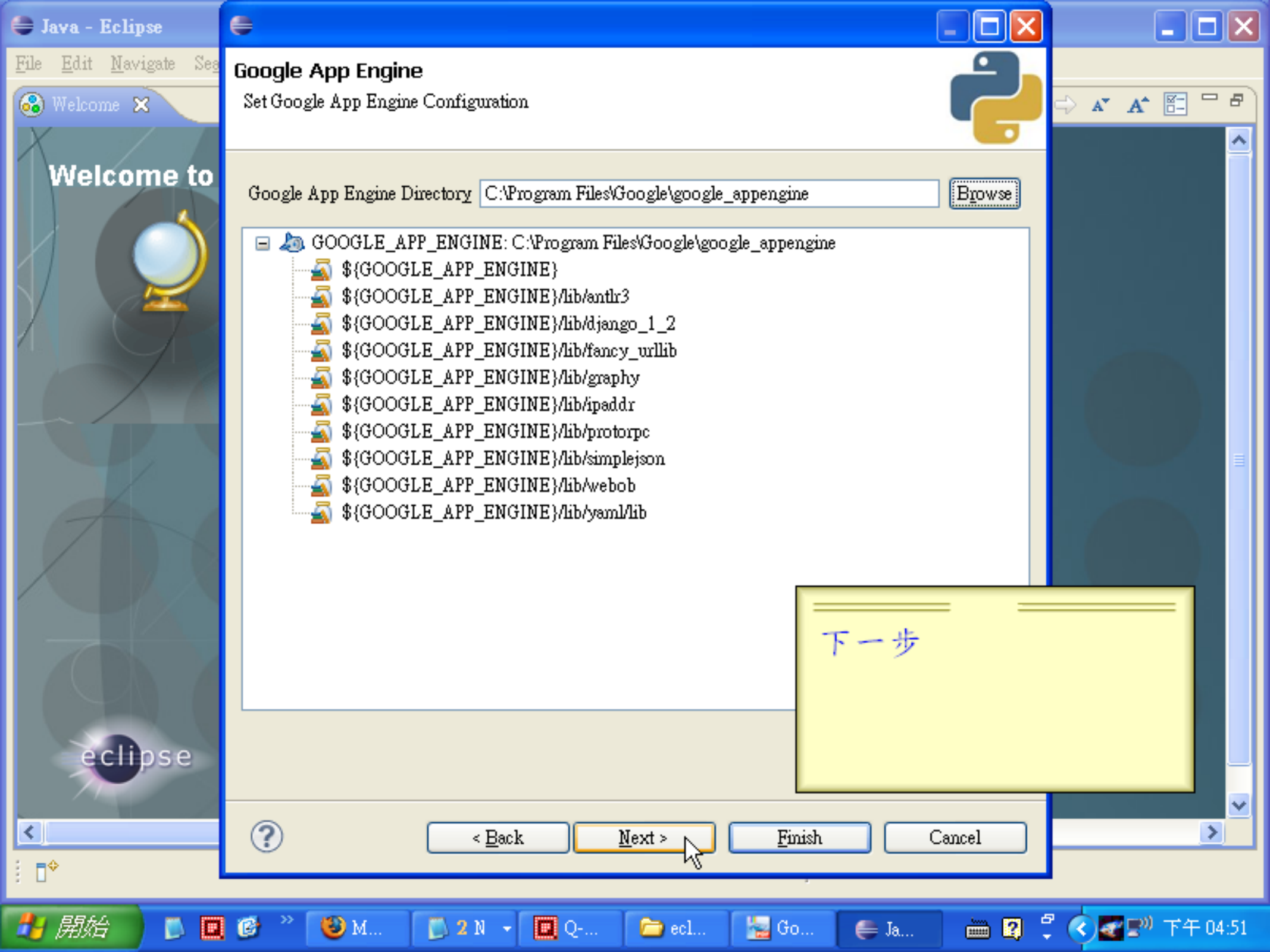
OK Cancel

?

< Back Next > Finish Cancel



Browse



Google App Engine

Set Google App Engine Configuration

Google App Engine Directory

[-] GOOGLE_APP_ENGINE: C:\Program Files\Google\google_appengine

- \${GOOGLE_APP_ENGINE}
- \${GOOGLE_APP_ENGINE}/lib/antlr3
- \${GOOGLE_APP_ENGINE}/lib/django_1_2
- \${GOOGLE_APP_ENGINE}/lib/fancy_urllib
- \${GOOGLE_APP_ENGINE}/lib/graphy
- \${GOOGLE_APP_ENGINE}/lib/ipaddr
- \${GOOGLE_APP_ENGINE}/lib/protorpc
- \${GOOGLE_APP_ENGINE}/lib/simplejson
- \${GOOGLE_APP_ENGINE}/lib/webob
- \${GOOGLE_APP_ENGINE}/lib/yaml/lib

下一步

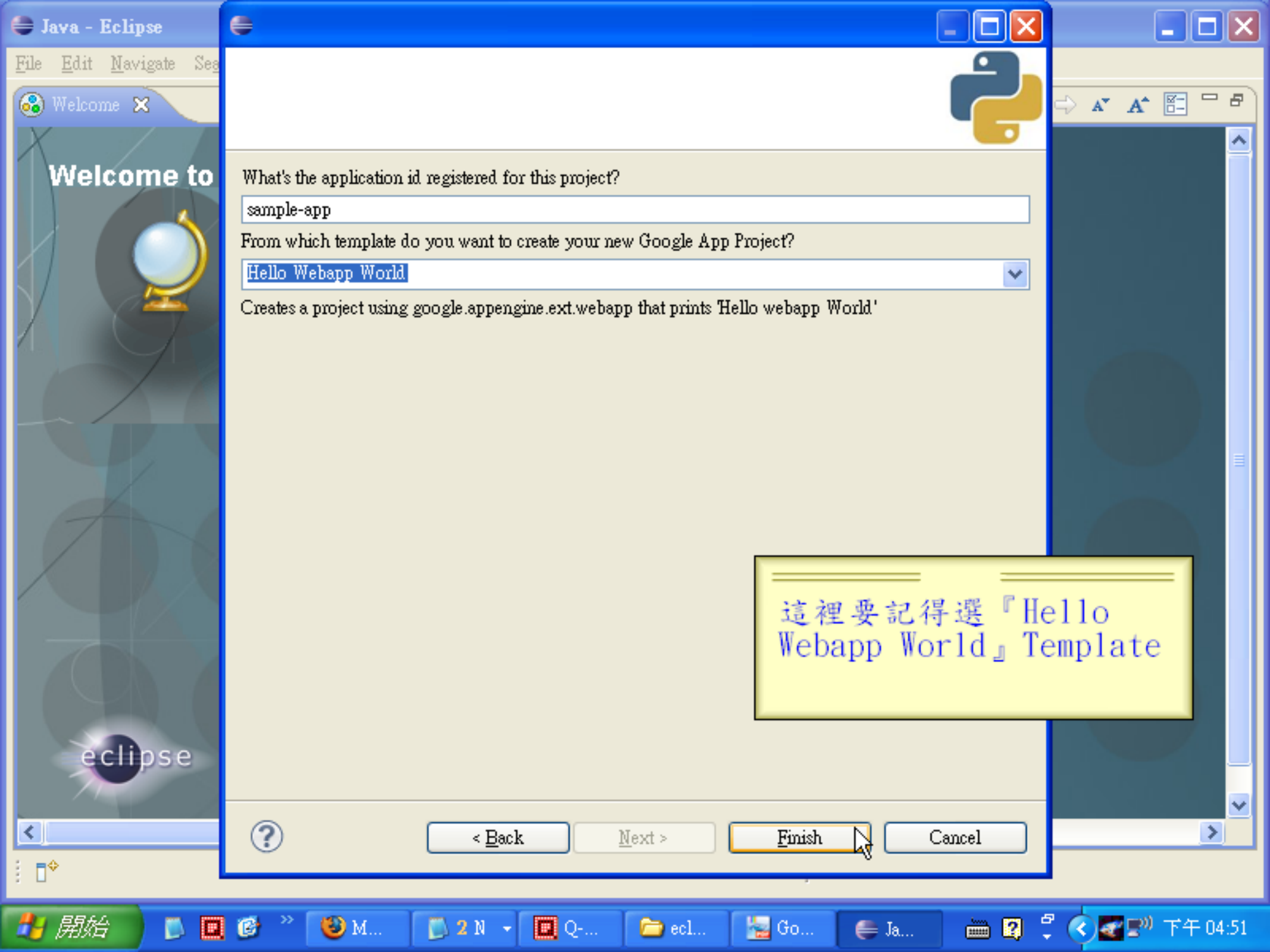


< Back

Next >

Finish

Cancel



What's the application id registered for this project?

sample-app

From which template do you want to create your new Google App Project?

Hello Webapp World

Creates a project using google.appengine.ext.webapp that prints 'Hello webapp World'

這裡要記得選『Hello Webapp World』Template

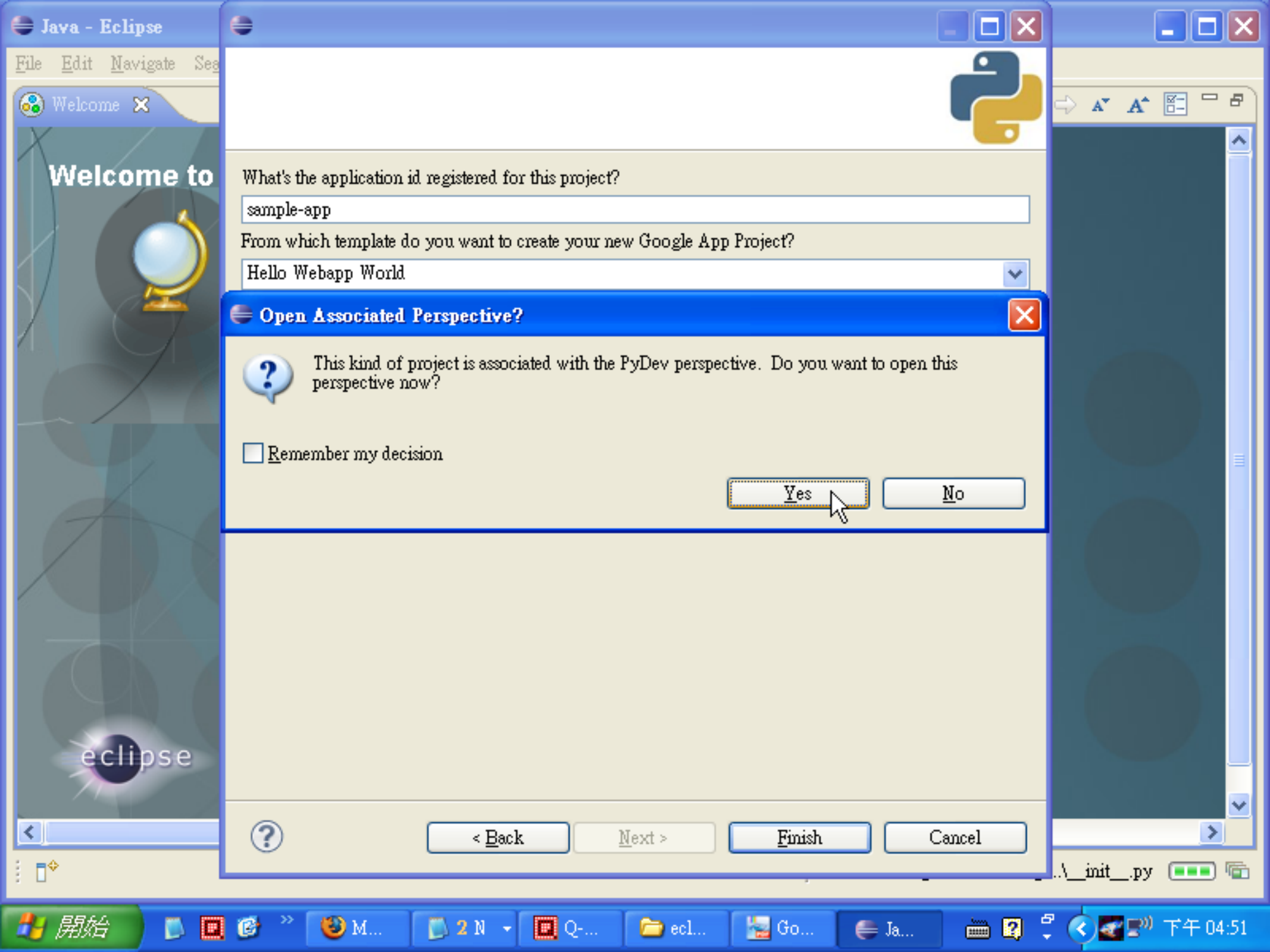


< Back

Next >

Finish

Cancel



What's the application id registered for this project?

sample-app

From which template do you want to create your new Google App Project?

Hello Webapp World

Open Associated Perspective?

? This kind of project is associated with the PyDev perspective. Do you want to open this perspective now?

Remember my decision

Yes

No

?

< Back

Next >

Finish

Cancel

PyDev Package E

- cycnb
 - src
 - python (C:\Python27\python)

Outline

An outline is not available.

Welcome

- Overview
 - Get an overview of the features
- Tutorials
 - Go through tutorials
- Samples
 - Try out the samples

Problems

0 items

Description

把多餘介面先關閉

PyDev Package E

cycnb

- src
- pyt

- New
- Go Into
- Copy
- Paste
- Delete
- Moye...
- Rename...
- Remove from Context Ctrl+Alt+Shift+Down
- Import...
- Export...
- Refresh F5
- Run As**
 - 1 Iron Python unit-test
 - 2 Jython unit-test
 - 3 PyDev: Google App Run**
 - 4 Python unit-test
 - Run Configurations...
- Debug As
- Validate
- Team
- Compare With
- Restore from Local History...
- PyDev: Google App Engine
- PyDev
- Source
- Properties Alt+Enter

直接在src按右鍵，
Run as~3GAE

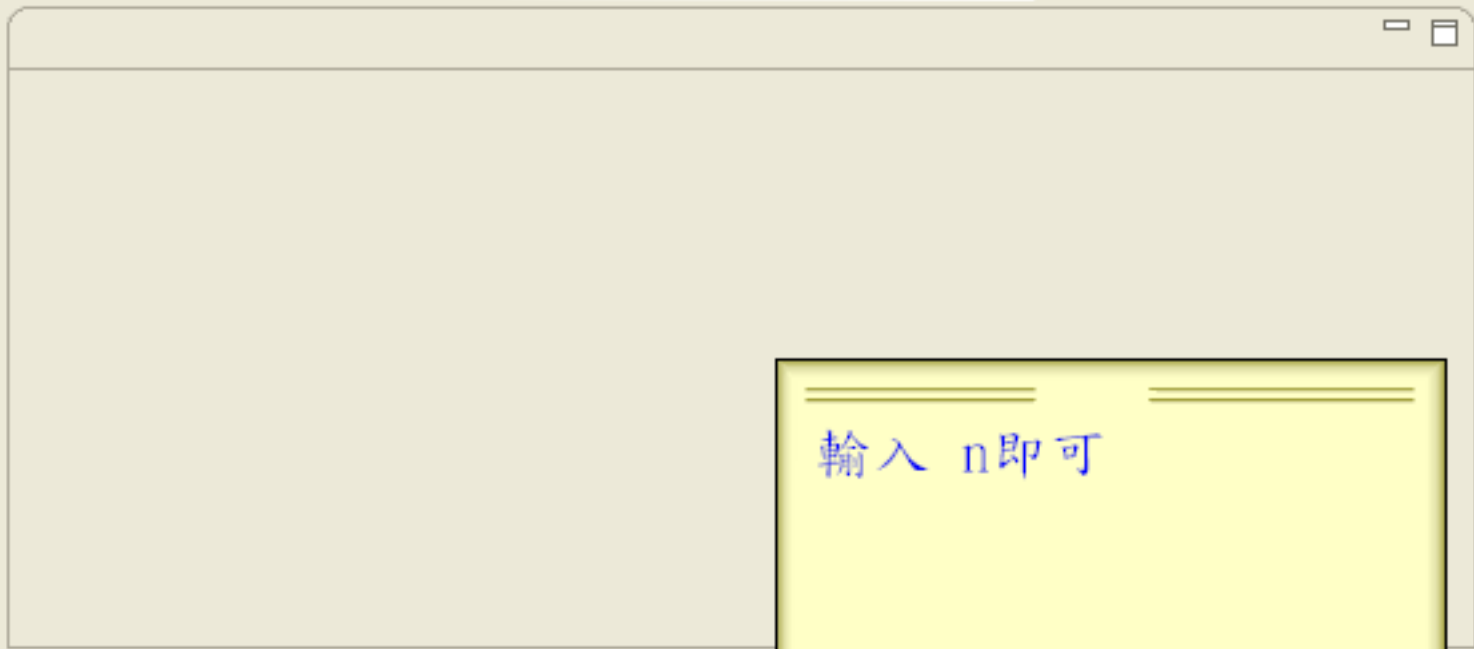
- 1 Iron Python unit-test
- 2 Jython unit-test
- 3 PyDev: Google App Run**
- 4 Python unit-test
- Run Configurations...

Path	Loc

Creating (project:cycnb) ... feed.generator.py

PyDev Package E

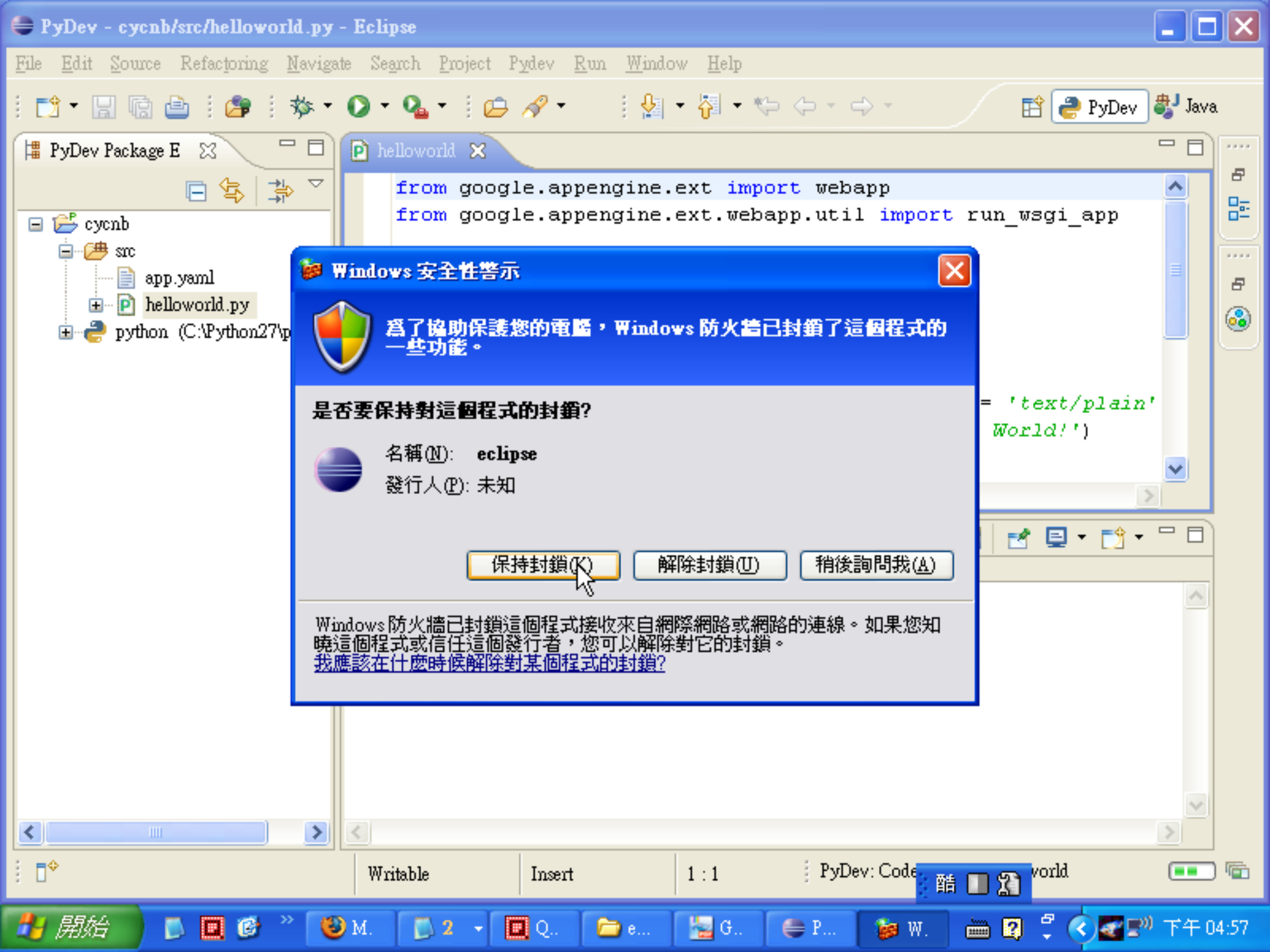
- cycnb
 - src
 - python (C:\Python27\pythor



輸入 n即可

Problems Console

```
C:\Documents and Settings\cyc\workspace\cycnb\src
Warning: You are using a Python runtime (2.7) that is more recent
INFO      2011-08-11 08:53:34,492 appengine_rpc.py:159] Server: app
Allow dev_appserver to check for updates on startup? (Y/n): n
```



Windows 安全性警告

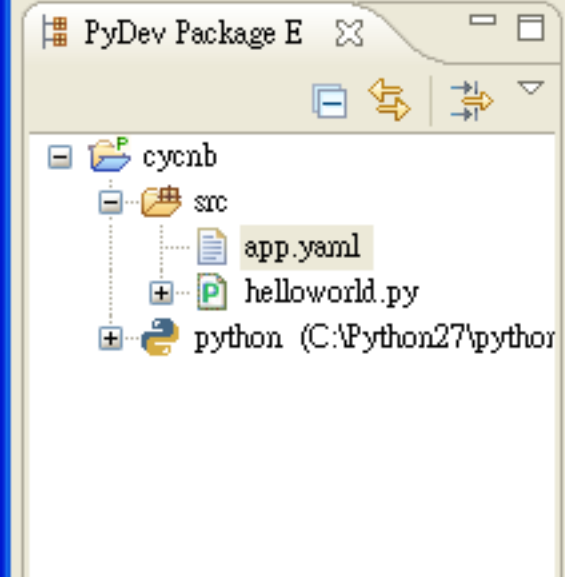
為了協助保護您的電腦，Windows 防火牆已封鎖了這個程式的一些功能。

是否要保持對這個程式的封鎖?

名稱(N): **eclipse**
發行人(P): 未知

Windows 防火牆已封鎖這個程式接收來自網際網路或網路的連線。如果您知曉這個程式或信任這個發行者，您可以解除對它的封鎖。
[我應該在什麼時候解除對某個程式的封鎖?](#)

Writable Insert 1:1 PyDev: Code world



```

application: sample-app
version: 1
runtime: python
api_version: 1

handlers:
- url: /*
  script: helloworld.py

```

左邊是app.yaml檔案
下方出現本機網站即代

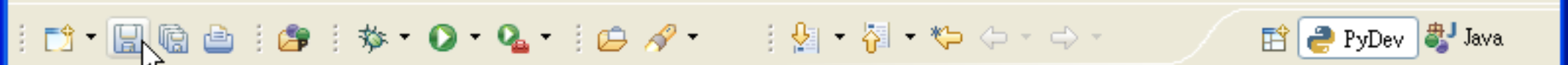


C:\Documents and Settings\cyc\workspace\cyncb\src

```

file 'c:\docume~1\cyc\locals~1\temp\dev_appserver.rdbms'
ou are likely missing the Python "PIL" module. ImportError: No mod
mple-app on port 8080: http://localhost:8080

```



PyDev Package Explorer

- cyncb
 - src
 - app.yaml
 - helloworld.py
 - python (C:\Python27\python)

```

from google.appengine.ext import webapp
from google.appengine.ext.webapp.util import run_wsgi_app

class MainPage(webapp.RequestHandler):

    def get(self):
        self.response.headers['Content-Type'] = 'text/plain'
        self.response.out.write('Hello, biglearner World!')
  
```

Problems Console

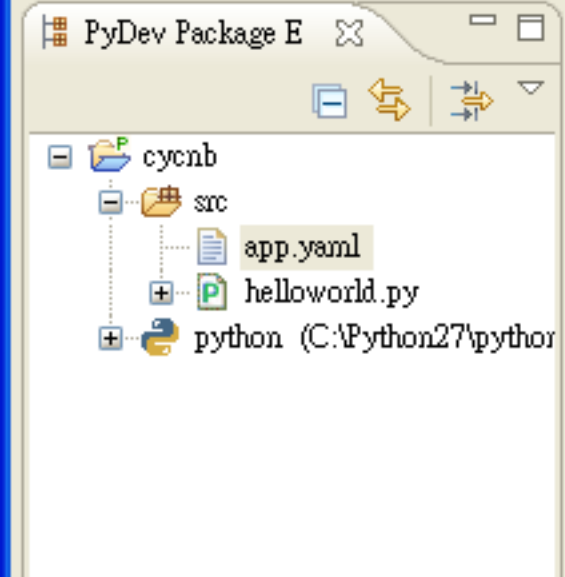
PyDev Scripting

上面是hello.py
檔內容檔案，我先加改成
biglearner，存檔

Hello, biglearner World!



成功!



```

application: biglearner
version: 3
runtime: python
api_version: 1

handlers:
- url: /*
  script: helloworld.py

```

app.yaml檔案，呼叫 helloworld.py 當首頁
我另外修改版本為3，存檔



C:\Documents and Settings\cyc\workspace\cycnb\src

```

file 'c:\docume~1\cyc\locals~1\temp\dev_appserver.rdbms'
ou are likely missing the Python "PIL" module. ImportError: No mod
mple-app on port 8080: http://localhost:8080

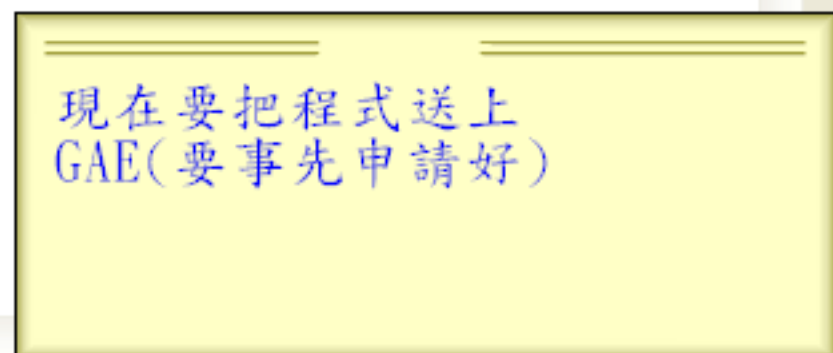
```




PyDev Package E | helloworld | app.yaml

```
application: biglearner
```

- New
- Go Into
- Copy
- Paste
- Delete
- Move...
- Rename...
- Remove from Context (Ctrl+Alt+Shift+Down)
- Import...
- Export...
- Refresh (F5)
- Run As
- Debug As
- Validate
- Team
- Compare With
- Restore from Local History...
- PyDev: Google App Engine
 - Manage
 - Upload
- PyDev
- Source
- Properties (Alt+Enter)



```
space\cycnb\src
cyc\locals~1\temp\dev_appserver.rdbms'
the Python "PIL" module. ImportError: No mod
http://localhost:8080
```

Manage Google App Engine

Arguments to pass to: C:\Program Files\Google\google_appengine\appcfg.py
The command line can be changed as needed.
See <http://code.google.com/appengine/docs/python/tools/uploadinganapp.html>

Executing:

```
Application: biglearner; version: 3
Host: appengine.google.com

Starting update of app: biglearner, version: 3
Scanning files on local disk.
Email:
```

依序輸入電子帳號郵件與密碼

Send to prompt:

Manage Google App Engine

Arguments to pass to: C:\Program Files\Google\google_appengine\appcfg.py
The command line can be changed as needed.
See <http://code.google.com/appengine/docs/python/tools/uploadinganapp.html>

Executing:

```
Application: biglearner; version: 3
Host: appengine.google.com

Starting update of app: biglearner, version: 3
Scanning files on local disk.
Email:
Password for biglearner@gmail.com:
```

Send to prompt:

Manage Google App Engine

Arguments to pass to: C:\Program Files\Google\google_appengine\appcfg.py
 The command line can be changed as needed.
 See <http://code.google.com/appengine/docs/python/tools/uploadinganapp.html>

Command to execute:

```
Host: appengine.google.com
Starting update of app: biglearner, version: 3
Scanning files on local disk.
Email:
Password for biglearner@gmail.com:
Cloning 2 application files.
Uploading 2 files and blobs.
Uploaded 2 files and blobs
Compilation starting.
Compilation completed.
Starting deployment.
Checking if deployment succeeded.
Will check again in 1 seconds.
Checking if deployment succeeded.
Deployment successful.
Checking if updated app version is serving.
Completed update of app: biglearner, version: 3
FINISHED
```

上傳完成，
最後看到FINISHED

Send to prompt:

Google app engine 歡迎使用 Google 應用服務引擎



以 Google 基礎架構執行網頁應用程式。

「Google 應用服務引擎」讓開發人員可在 Google 應用程式採用的系統上，建立可擴充的網頁應用程式。

不需組合。

「Google 應用服務」引擎提供一個完全整合的[開發環境](#)。

可供輕鬆擴充。

「Google 應用服務引擎」讓您輕鬆設計可擴充的應用程式，從一名到數百萬名使用者都可適用，不必為了基礎架構而頭疼。

免費創辦。

所有「Google App Engine」應用程式均擁有足夠的 CPU、帶寬和存儲空間，每月可免費供應大約 5 百萬次的頁面瀏覽。當您需要額外資源時，可以以[優惠價格](#)進行購買，並且只需為您所使用的資源支付費用。

這是「Google App Engine」的[試用發行版本](#)。若要開始使用，請使用您的 Google 帳戶「Google App Engine」，或瀏覽我們的[文件](#)以下載 SDK 並瞭解我們目前的動向。

如果您想要以「[Google 應用服務](#)」帳戶登入「Google 應用服務引擎」，請使用下列的完成

Google 帳戶
使用以下帳戶登入：

電子郵件:
範例: pat@example.com

密碼:

保持登入狀態

[無任登入帳戶嗎?](#)

沒有 Google 帳戶嗎?
[現在就建立一個帳戶](#)

現在到GAE網站看看

My Applications

< Prev 20 1-1 of 1 Next 20 >

Application	Title	Storage Scheme	Cur
biglearner	NTU CSIE Practice	High Replication	1

Create Application

You have 9 applications remaining.

一個帳號可以開10個站台

Application: biglearner [High Replication] 1

[My Applications](#)

- Main
- Dashboard**
- [Instances](#)
- [Logs](#)
- [Versions](#)
- [Backends](#)
- [Cron Jobs](#)
- [Task Queues](#)
- [Quota Details](#)

- Data
- [Datastore Indexes](#)
- [Datastore Viewer](#)
- [Datastore Statistics](#)
- [Blob Viewer](#)



Instances ?

Number of Instances - [Details](#)

Number of Instances	Average CPU Utilization
1 total	0.01

這是後台管理介面
先到版本控制

Application: biglearner [High Replication] 1

- Main
- [Dashboard](#)
- [Instances](#)
- [Logs](#)
- [Versions](#)**
- [Backends](#)
- [Cron Jobs](#)
- [Task Queues](#)
- [Quota Details](#)

- Data
- [Datastore Indexes](#)
- [Datastore Viewer](#)
- [Datastore Statistics](#)

Version ↑	Default	Deployed
<input checked="" type="radio"/> 1 (instances)	Yes	6:13:30 ago by biglearner@gmail.com
<input type="radio"/> 2 (instances)	No	4:14:26 ago by biglearner@gmail.com

Make Default

- 💡 Learn more about uploading [Python versions](#), [Java versions](#) or [Go versions](#).
- 💡 Use the [appcfg](#) download_app command to download your application's code. If you do not want any code, you can [permanently prohibit code downloads](#).

因為我已放了兩個在此，
 所以剛才上傳前的app.yaml
 檔先改成3，傳上來就可以成為第3版

Application: biglearner [High Replication] 1

- Main
- [Dashboard](#)
- [Instances](#)
- [Logs](#)
- [Versions](#)**
- [Backends](#)
- [Cron Jobs](#)
- [Task Queues](#)
- [Quota Details](#)

- Data
- [Datastore Indexes](#)
- [Datastore Viewer](#)
- [Datastore Statistics](#)

Version ↑	Default	Deployed
<input checked="" type="radio"/> 1 (instances)	Yes	6:31:27 ago by biglearner@gmail.com
<input type="radio"/> 2 (instances)	No	4:32:23 ago by biglearner@gmail.com
<input type="radio"/> 3 (instances)	No	0:00:43 ago by biglearner@gmail.com

- Learn more about uploading [Python versions](#), [Java versions](#) or [Go versions](#).
- Use the [appcfg](#) download_app command to download your application's code. If you do not want any code, you can [permanently prohibit code downloads](#).

重新整理網頁就看到了
目前是第一版程式
(留言板練習)

An anonymous person wrote: Erase
來自排程工作

An anonymous person wrote: Erase
來自排程工作

An anonymous person wrote: Erase
來自排程工作

An anonymous person wrote: Erase
來自排程工作

An anonymous person wrote: Erase
來自排程工作

An anonymous person wrote: Erase
來自排程工作

An anonymous person wrote: Erase
來自排程工作

完成

這是站台首頁

Application: biglearner [High Replication] 1

- Main
- [Dashboard](#)
- [Instances](#)
- [Logs](#)
- [Versions](#)**
- [Backends](#)
- [Cron Jobs](#)
- [Task Queues](#)
- [Quota Details](#)

- Data
- [Datastore Indexes](#)
- [Datastore Viewer](#)
- [Datastore Statistics](#)

Version ↑	Default	Deployed
<input type="radio"/> 1 (instances)	Yes	6:31:27 ago by biglearner@gmail.com
<input type="radio"/> 2 (instances)	No	4:32:23 ago by biglearner@gmail.com
<input checked="" type="radio"/> 3 (instances)	No	0:00:43 ago by biglearner@gmail.com

Make Default

- Learn more about uploading [Python versions](#), [Java versions](#) or [Go versions](#).
- Use the [appcfg](#) download_app command to download your application's code. If you do not want any code, you can [permanently prohibit code downloads](#).

現在我指定第3版為首頁

Application: biglearner [High Replication] 3

- Main
- [Dashboard](#)
- [Instances](#)
- [Logs](#)
- [Versions](#)**
- [Backends](#)
- [Cron Jobs](#)
- [Task Queues](#)
- [Quota Details](#)

- Data
- [Datastore Indexes](#)
- [Datastore Viewer](#)
- [Datastore Statistics](#)

Version ↑	Default	Deployed
<input type="radio"/> 1 (instances)	No	6:32:20 ago by biglearner@gmail.com
<input type="radio"/> 2 (instances)	No	4:33:16 ago by biglearner@gmail.com
<input checked="" type="radio"/> 3 (instances)	Yes	0:01:36 ago by biglearner@gmail.com

- 💡 Learn more about uploading [Python versions](#), [Java versions](#) or [Go versions](#).
- 💡 Use the [appcfg](#) download_app command to download your application's code. If you do not want any code, you can [permanently prohibit code downloads](#).

Hello, biglearner World!

首頁成功!











檔案及資料夾工作

- 建立新的資料夾
- 將這個資料夾發佈到網站
- 共用這個資料夾

其他位置

- GAE
- 我的文件
- 共用文件
- 我的電腦
- 網路上的芳鄰

詳細資料

 stylesheets	 app.yaml YAML 檔案 1 KB
 guestbook1_helloworld.py Python File 1 KB	 guestbook2_webapp.py Python File 1 KB
 guestbook3_users.py Python File 1 KB	 guestbook4_forms.py Python File 2 KB
 guestbook5_datastore.py Python File 2 KB	 guestbook6_templates.py Python File 2 KB
 index.html HTML Document 1 KB	 index.yaml YAML 檔案 1 KB

我很快拿一個範例檔來練習

Mozilla Firefox

檔案 (F) 編輯 (E) 檢視 (V) 歷史 (S)

guestbook_10312008

檔案 (F) 編輯 (E) 檢視 (V) >>

← 上一頁 →

網址 (D) C:\Documents & ... 移至

名稱

- stylesheets
- app.yaml
- guestbook1_helloworld.py
- guestbook2_webapp.py
- guestbook3_users.py
- guestbook4_forms.py
- guestbook5_datastore.py
- guestbook6_templates.py
- index.html
- index.yaml

PyDev - cyncb/src/app.yaml - Eclipse

File Edit Navigate Search Project Pydev Run Window Help

PyDev Package E helloworld app.yaml

application: biglearner

src

- app
- helloworld.py
- python

Copy Paste **Delete** Move... Rename... Remove from Context Ctrl+Alt+Shift+Down Import... Export... Refresh F5 Run As Debug As Validate Team Comp Repla PyDev Wiki

```
ld.py

ospace\cyncb\src
\locals~1\temp\dev_ap
cyc\locals~1\temp\
the Python "PIL" mod
: http://localhost:80
```

完成

開始 M... 2 N 下午 05:06

可以刪掉所有檔案

Firefox browser window showing a file explorer view of the directory `guestbook_10312008`. The address bar shows `C:\Documents & Settings\user\My Documents\guestbook_10312008`. The file list includes:

- stylesheets
- app.yaml
- guestbook1_helloworld.py
- guestbook2_webapp.py
- guestbook3_users.py
- guestbook4_forms.py
- guestbook5_datastore.py
- guestbook6_templates.py
- index.html
- index.yaml

Eclipse IDE window titled `PyDev - cyncb/src/app.yaml - Eclipse`. The editor shows the content of `app.yaml`:

```
application: biglearner
version: 2
```

A **Delete Resources** dialog box is displayed, asking: "Are you sure you want to delete 'app.yaml' from the file system?". The dialog has buttons for `Preview >`, `OK` (with a warning icon), and `Cancel`.

The background editor shows a terminal window with the following output:

```
from c:\docume~1\cyc\locals~1\temp\dev_ap
file 'c:\\docume~1\\cyc\\locals~1\\temp\\
ou are likely missing the Python "PIL" mod
mple-app on port 8080: http://localhost:80
```


Mozilla Firefox

檔案 (F) 編輯 (E) 檢視 (V) 歷史 (S)

guestbook_10312008

檔案 (F) 編輯 (E) 檢視 (V) >>

← 上一頁 →

網址 (D) C:\Documents & Settings\cyc\workspace\cycnb\src 移至

名稱

- stylesheets
- app.yaml
- guestbook1_helloworld.py
- guestbook2_webapp.py
- guestbook3_users.py
- guestbook4_forms.py
- guestbook5_datastore.py
- guestbook6_templates.py
- index.html
- index.yaml

PyDev - cycnb/src/helloworld.py - Eclipse

File Edit Source Refactoring Navigate Search Project Pydev Run Window Help

PyDev Package Explorer

- cycnb
 - src
 - helloworld.py
 - python (C:\Python27\python)

helloworld

```
from google.appengine.ext import webapp
from google.appengine.ext.webapp.util import decorators

class MainPage(webapp.RequestHandler):

    def get(self):
        self.response.headers['Content-Type'] = 'text/html'
```

Problems Console

C:\Documents and Settings\cyc\workspace\cycnb\src

```
from c:\docume~1\cyc\locals~1\temp\dev_ap
file 'c:\\docume~1\\cyc\\locals~1\\temp\\
ou are likely missing the Python "PIL" mod
mple-app on port 8080: http://localhost:80
```

完成

從資料夾把所有檔案拖曳進來，
放入src專案資料夾裡

Project Explorer showing file structure:

- cyncb
 - src
 - stylesheets
 - app.yaml
 - guestbook1_helloworld.py
 - guestbook2_webapp.py
 - guestbook3_users.py
 - guestbook4_forms.py
 - guestbook5_datastore.py
 - guestbook6_templates.py
 - helloworld.py
 - index.html
 - index.yaml
 - python (C:\Python27\python)

```

application: devchat
version: 1
runtime: python
api_version: 1

handlers:
- url: /stylesheets
  static_dir: stylesheets

- url: /*
  script: guestbook6_templates.py
  
```

C:\Documents and Settings\cyc\workspace\cyncb\src

```

from c:\docume~1\cyc\locals~1\temp\dev_appserver.datastore
file 'c:\\docume~1\\cyc\\locals~1\\temp\\dev_appserver.rdbms'
ou are likely missing the Python "PIL" module. ImportError: No modu
mple-app on port 8080: http://localhost:8080
  
```

記得修改app.yaml
其他就是原來範例的內容
(也是留言板)

- New
- Go Into
- Copy
- Paste
- Delete
- Move...
- Rename...
- Remove from Context
- Import...
- Export...

```

application: biglearner
version: 4
runtime: python

```

application要改成與站名相同。
 以及我設定為版本4
 上傳後，再到GAE後台改以版本4呈現
 為首頁即可。

介紹完畢。

Refresh F5

- Run As
- Debug As
- Validate
- Team
- Compare With
- Restore from Local History...
- PyDev: Google App Engine
 - Manage
 - Upload
- PyDev
- Source
- Properties Alt+Enter

```

...
cyc\\locals~1\\temp\\dev_appserver.rdbms'
the Python "PIL" module. ImportError: No modu
: http://localhost:8080

```

