什麼是 Gurobi

Gurobi 全名為 Gurobi Optimizer，是一套強大的規劃求解工具，其開發團隊為原 CPlex 的開發團隊，在 CPlex 轉售給 IBM 後成立。

Gurobi 可以求解的問題類型包括線性規劃 (LP)、二次規劃 (QP)、二次約束規劃 (QCP)、混合整數規劃 (MILP)、混合整數二次規劃 (MIQP)、混合整數二次約束規劃 (MIQCP) 等。

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We urge academic users to upgrade to the latest version of Gurobi Optimizer. Some features, such as `grbgetkey`, may not work correctly in older releases.

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License Detail

License ID 104551
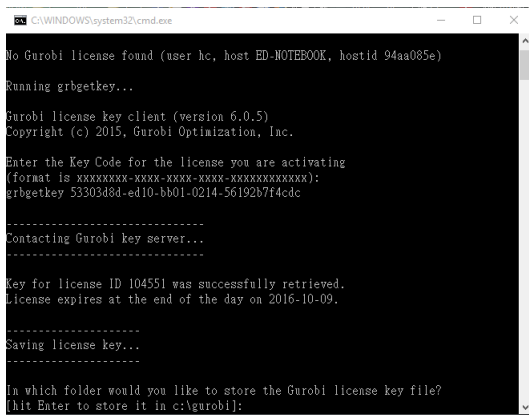
Information and installation instructions

License ID	104551
Date Issued	2015-10-10
Purpose	Trial
License Type	Free Academic
Key Type	ACADEMIC
Version	6
Distributed Limit	0
Expiration Date	2016-10-09
Host Name	
Host ID	

To install this license on a computer where Gurobi Optimizer is installed, copy and paste the following command to the Start/Run menu (Windows only) or a command/terminal prompt (any system):

```
grbgetkey 53303d8d-ed10-bb01-0214-56192b7f4cdc
```

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```
C:\WINDOWS\system32\cmd.exe                              —   □   ×

No Gurobi license found (user hc, host ED-NOTEBOOK, hostid 94aa085e)

Running grbgetkey...

Gurobi license key client (version 6.0.5)
Copyright (c) 2015, Gurobi Optimization, Inc.

Enter the Key Code for the license you are activating
(format is xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx):
grbgetkey 53303d8d-ed10-bb01-0214-56192b7f4cdc

-------------------------------
Contacting Gurobi key server...
-------------------------------

Key for license ID 104551 was successfully retrieved.
License expires at the end of the day on 2016-10-09.

--------------------
Saving license key...
--------------------

In which folder would you like to store the Gurobi license key file?
[hit Enter to store it in c:\gurobi]:
```

打開桌面的 Gurobi.bat,將您所拿到的 key 複製貼上到裡面,然後一直按 Enter 到這隻程式結束。

Visual Studio 連接設定

學校的 visual studio 2012 是 32 位元的版本，請同學注意
gurobi 也要下載 32 位元。
同學們可以將 gurobi 當作 library 來使用，但是要將他
include 進去程式裡還需要一些設定。