Installing Python and Gurobi

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Step 1: Download and Install Anaconda

Download and install Anaconda from https://www.gurobi.com/get-anaconda/. Make sure you select correct platform based on your operating system, i.e., Windows, Max, or Linux. Be sure to check the box "Add Anaconda3 to my PATH environment variable" when prompted during the installation process.
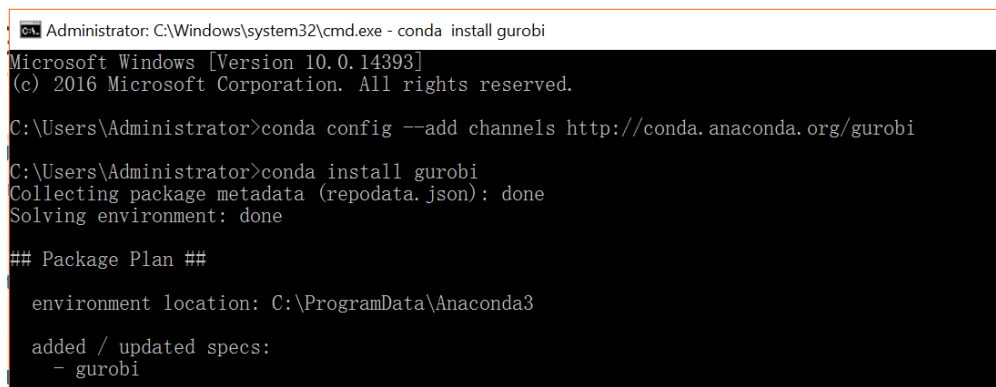
Step 2: Install Gurobi into Anaconda

Issue the following command via the command prompt to add the Gurobi channel to your default search list:

conda config --add channels http://conda.anaconda.org/gurobi

After that, issue the following command via the same command prompt, to install the Gurobi package:

conda install gurobi

Screenshot of these commands and following responses in a command prompt is shown below:

If you are prompted to update any packages. Type **y** for yes.

Step 3: Install a Gurobi License

Install a Gurobi license (if you haven't already done so). This consists from the following three steps:

(i)   Register an academic user account with Gurobi:
https://www.gurobi.com/downloads/end-user-license-agreement-academic/

(ii)   Obtain the Gurobi academic license file from:
https://www.gurobi.com/downloads/end-user-license-agreement-academic/

(iii)   Install the license in your computer by copying and pasting the following command in the command prompt:
"grbgetkey xxxxxxxxxxxxxxxx "

(The key number, shown in "xx…" above is the license key. This is found in your Gurobi academic account).

Additional instructions regarding the installation of a Gurobi License can be read from Gurobi website. This information is available for Windows
https://www.gurobi.com/documentation/9.1/quickstart_windows/retrieving_and_setting_up_.html#section:RetrieveLicense,

Mac

https://www.gurobi.com/documentation/9.1/quickstart_mac/retrieving_and_setting_up_.html#section:RetrieveLicense, and

Linux

https://www.gurobi.com/documentation/9.1/quickstart_linux/retrieving_and_setting_up_.html#section:RetrieveLicense.

After completing the steps, you are ready to utilize Gurobi optimizer in Anaconda. You can use either of the two Python Anaconda programming interfaces

Spyder: https://www.gurobi.com/documentation/9.0/quickstart_mac/using_the_spyder_ide.html or Jupyter: https://www.gurobi.com/documentation/9.0/quickstart_mac/using_jupyter.html