1. In your Ubuntu 14.04, download the gdp-client_0.4-1_amd64.deb. Note that this deb package is for 64-bit systems.
2. Install the package by doing: `dpkg –i gdp-client_0.4-1_amd64.deb`
3. The previous command might cause an error due to dependencies. You can fix this using: `sudo apt-get –f install`
4. Using your favorite text editor, modify /etc/ep_adm_params/gdp by adding `202.92.131.10;` immediately after the equal sign. You may need sudo privileges to save your changes.
5. Now, you can already create your GCLs. The command to create a gcl is `gcl-create <logserver> <gclname>`. For example, `gcl-create ph.edu.upd.pcari.gdplogd test.log.resense.rico.april25.1`. For our case, the logserver will always be `ph.edu.upd.pcari.gdplogd`. For test GCLs, use the following format for gclname: `test.log.resense.<yourname>.<date>.<gclnumber>` to avoid collisions in gclnames. For this version, a PEM phrase will be asked from you. Enter an 8-character code for your GCL. If successful, some message like the following will show:

   ```
   Created new GCL XRVD8GOOlhUSERu7mFvDemxLm99j–MOA0g7dAN1bLUc
       on log server ph.edu.upd.pcari.gdplogd
   ```

   Additionally, a .pem will be created. For this case, a XRVD8GOOlhUSERu7mFvDemxLm99j-MOA0g7dAN1bLUc.pem is created. Rename this to be <your_gclname>.pem for easier tracking. You'll need this file every time you want to write to your GCL.
6. To test if you can indeed write, do `gdp–writer –K test.log.resense.rico.april25.1.pem test.log.resense.rico.april25.1` and it will ask for your PEM passphrase. Input your passphrase to continue. Try typing and enter. You may write multiple times. Press CTRL+C if you want to exit.
7. To test if you can indeed read, do `gdp–reader test.log.resense.rico.april25.1` to print all the contents of the GCL.
8. To install the python API, download first the python-gdp_0.4-1_all.deb.
9. Do `dpkg –i python-gdp_0.4-1_all.deb`
10. The previous command might cause an error due to dependencies. You can fix this using: `sudo apt-get –f install`
11. Download python_gdp_updated.tar.
12. Extract by doing `tar –xvf python_gdp_updated.tar`
13. Inside the extracted files, there are writer_test.py and reader_test.py. Study it. ☺