**Clean Up Program in Python**

1. **REQUIREMENTS of Liberty**

pip install cx\_oracle

pip install config

1. **PARAMETER SETTING**

Set parameters in Config\_para folder:

County parameters -------- config\_county.py

Connection string ------- other python files in Config\_para folder

1. **HOW TO RUN IT IN GEO4**
2. Open python IDLE in geo4
3. Open config\_county.py, to update county parameters and set 1st or 2nd run.
4. Open main.py in VS2012/MIGRATE\_CLEAN\_UP folder
5. Run main.py
6. **CLASS AND METHOD UPDATE**

All class and method codes are in OracleOperation.py file. If any new functions are required, could be updated in this file.

1. **USER INTERFACE(OPINION)**

Tkinter is expected to be used to create a user interface for clean up program, it could easier and faster to set parameters.

<https://github.com/LiuCheIE/Topology-Check>

Tkinter is used in topology-check project.