

Code Inspection Report

name of the reviewer: Leo Li

code under review: main.py, update.py

date of the review: Nov, 30th

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- Bugs

- \autostart feature in main.py should start a subprocess, but instead seems to restart main:
 - reproduce: enter \autostart command. Notice that the program restarts and that no subprocess is created
 - suggestion: "import main" in update.py seems to be the source of the issue. \autoupdate appears to work fine when that line is commented out. Removal of line suggested
- entering \autostart asks you to enter how regularly you want the auto update to occur, but this input is not used
 - reproduce: check line 70 of update.py. Notice that the update is hardcoded to occur every 1 minute instead of using the user input
 - suggestion: pass the user input to update() and use that value to determine the frequency of the auto update

- Poor code logic

- Not found

- Poor coding style

- update.py violates style guidelines:
 - several issues like trailing whitespace
- main.py is fine with respect to PEP 8
- bad naming:
 - poor variable names in main.py like data_sgl, sgl_dict, etc. used when making single XML file
 - update.py has two variables named root_dir, root_dir1, main.py has similar variables names like database_merge1 and database_merge2

- Missing documentation

- undocumented class in update.py:
 - update.py's update() is missing a docstring

- Unreadable code

- Not found

- Vulnerabilities in code

- Not found

- Poor testing

- Not found