Check Ottoview logging file and find Errors Procedure

Purpose: This procedure outlines the steps about how to process logging files when you got logs from LInux/Ottoview. It will find all if Errors in all of logging files which are ruby files, sensor recording database, zip files and so on.It will help ue to know which sensor and how many sensor have issues when Ottoview doesn't run or running is not good.

Operating Systems: Ubuntu Linux/ VM Ware

Setup Location: Linux Desktop

Required Software: Python3, Un-zip tools

Required Files: Error_Script.zip(Confluence link: Confluence link or http://confluenceprod1.delphiauto.net:8090/display/ADHWP/Ottoview+logging+Errors+checking+script), Vehicle - Ottoview logging file

Required Hardware: Working PC Installed with VMWare & Ubuntu, & have properly prepared per "Guide to get a computer ready.pdf" from PTC.

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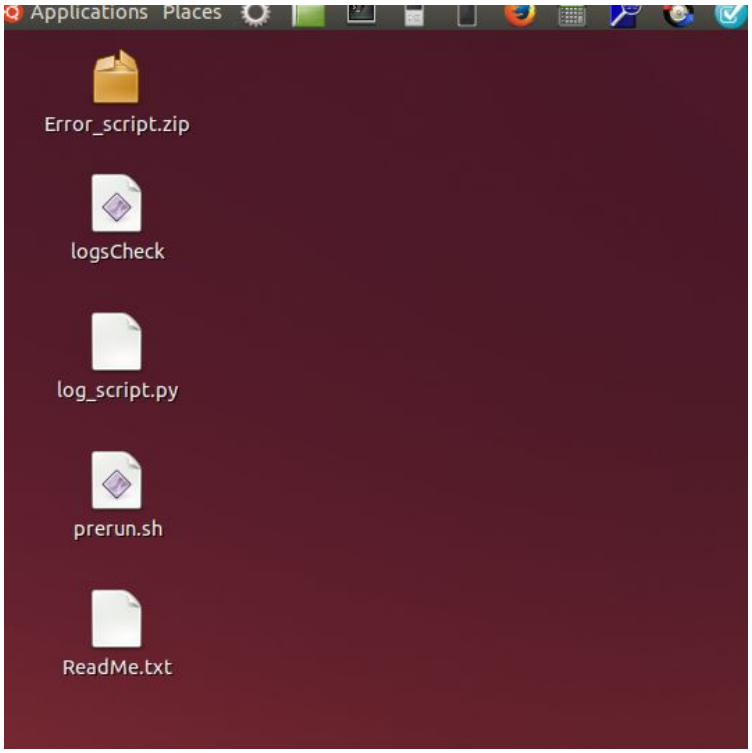
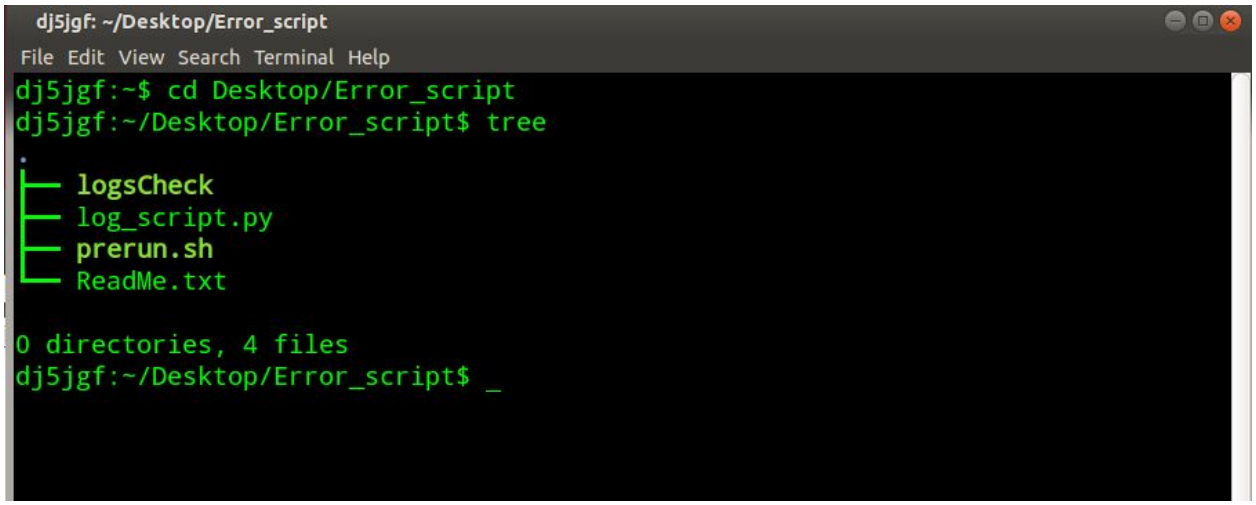
1. Un-zip file Error_Script.zip and copy all of these files to your Linux Desktop

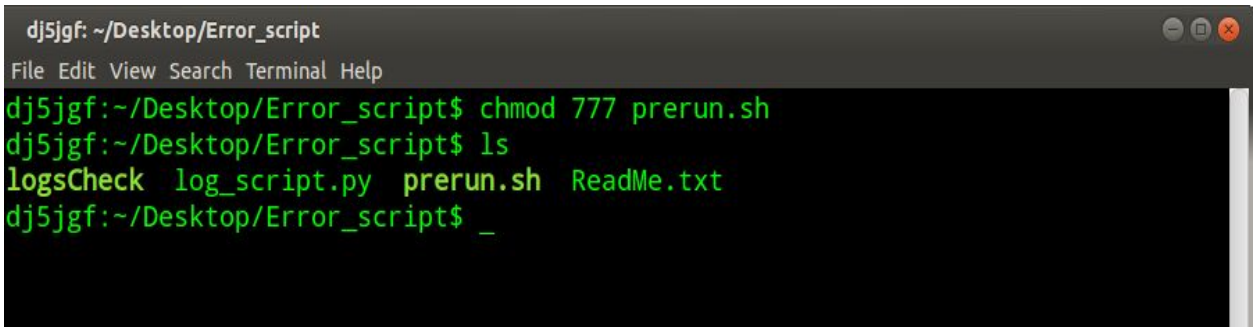


2. Open Terminal:Type the following: Ctrl+Alt+'T'(Keyboard), in the Terminal:Type the following: cd Desktop/Error_script



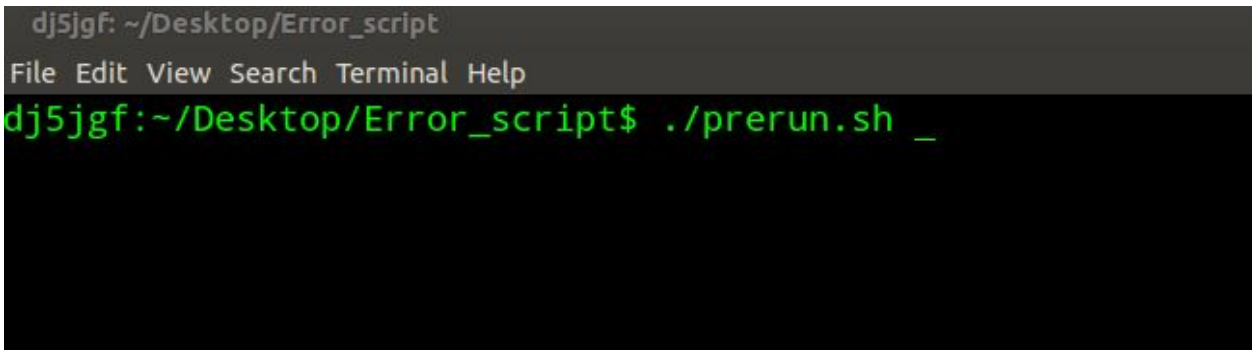
You will see you have files like figure above.

3. In the terminal, type the following: chmod 777 prerun.sh



This will help you get access to files with current user logging in credentials

4. In the terminal, type the following:: ./prerun.sh



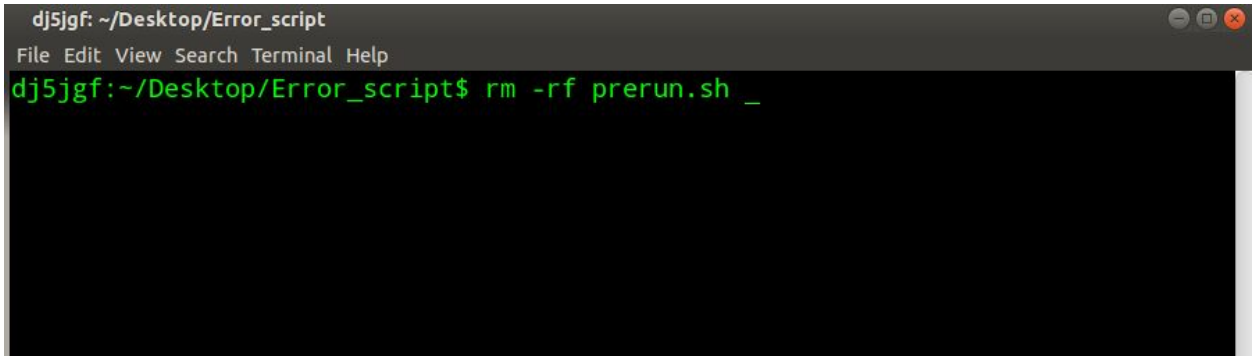
This line will run the following (2) commands:

$ mv logsCheck ~/wkspaces/90210123_Otto2ECTrans_Package/scripts/

$ chmod 777 ~/wkspaces/90210123_Otto2ECTrans_Package/scripts/logsCheck

It will copy Linux bash code to the Ottoview scripts path, which allocated in .bashrc, and also get current user access for bash scripts.

5. In the terminal, type the following:: rm -rf prerun.sh

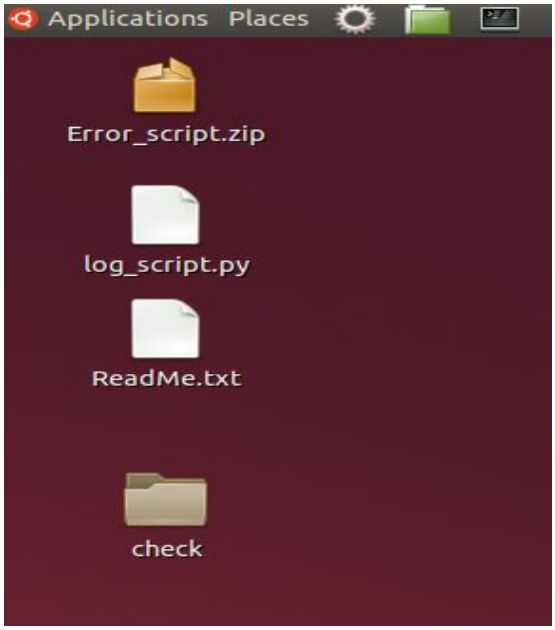


It will permanently delete prerun.sh file. Because you do not need it in the future, Note: -rf is very powerful use with extreme caching.

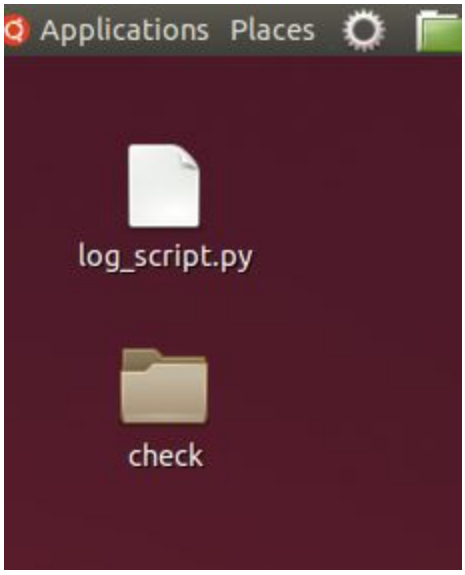
6. Close Terminal, type the following:: Alt + F4, or using mouse click x

7. a) Copy your logging folder to the Desktop

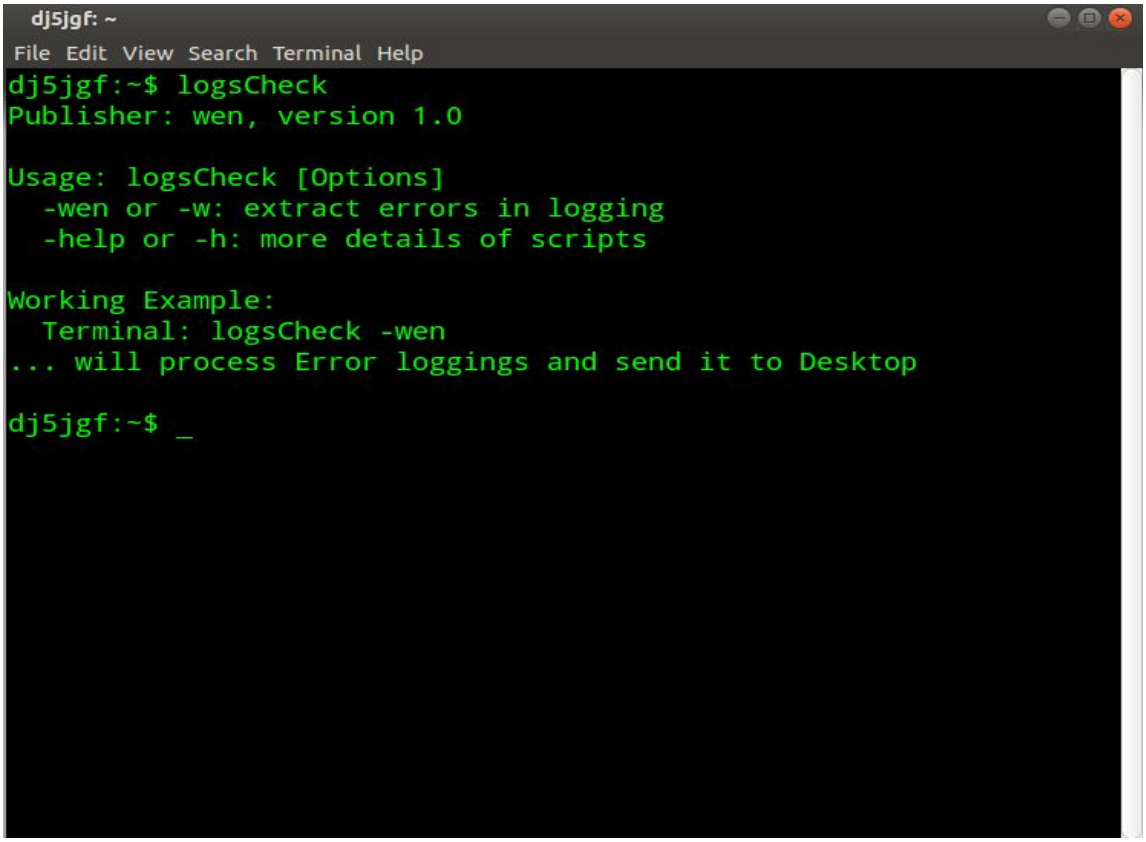
b) Change your logging folder name (e.g. 2018.07.20.09.48.30_pac-veh-ten) to 'check' so, right now your folder name is 'check'



8. Until now, you are basically done, you can delete files that are not needed files like zip files and readme.txt and so on. Just keep the folder named “check” and log_script.py.



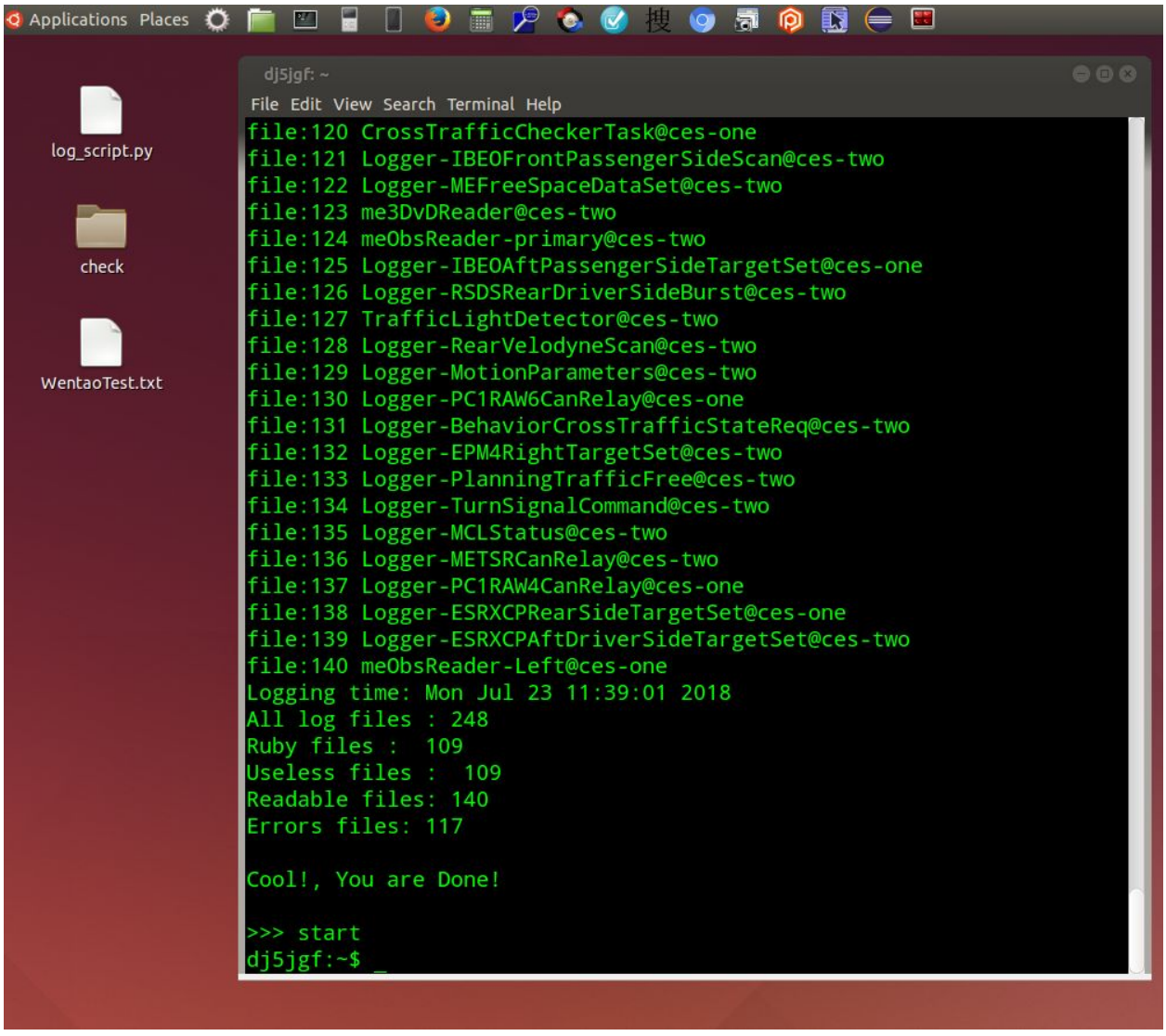
9. open Terminal, type the following:: logsCheck, read instruction in the terminal



10. In the Terminal, type the following: logsCheck -wen

a) As you can see from below, It check each files from folder that you set, and look for Error and write it to the new txt file.

b) You will see ErrorTest.txt which contains Error



Any question, let me know: Wentao.bi@aptiv.com (248.892.3216)

E.g. final Error file like this:

==========
Logger-SystemStatus@ces-oe

FAILED TO FETCH SAFERCOMMANDINPUT CONFIG SECTION…
ERROR MESSAGE…
ERROR MESSAGE…
ERROR MESSAGE…
==========
Logger-SystemStatu@ces-one

ERROR MESSAGE…
ERROR MESSAGE…
ERROR MESSAGE…
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