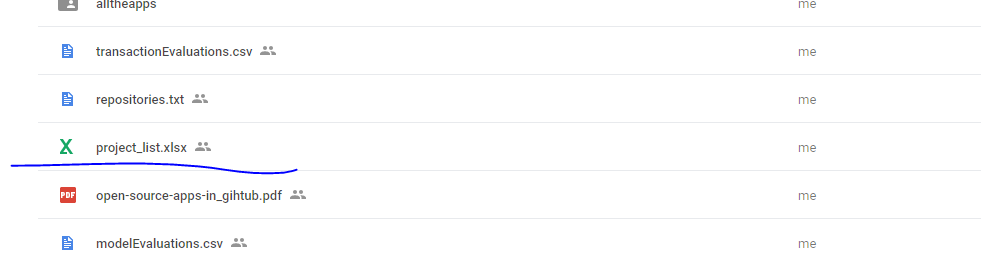
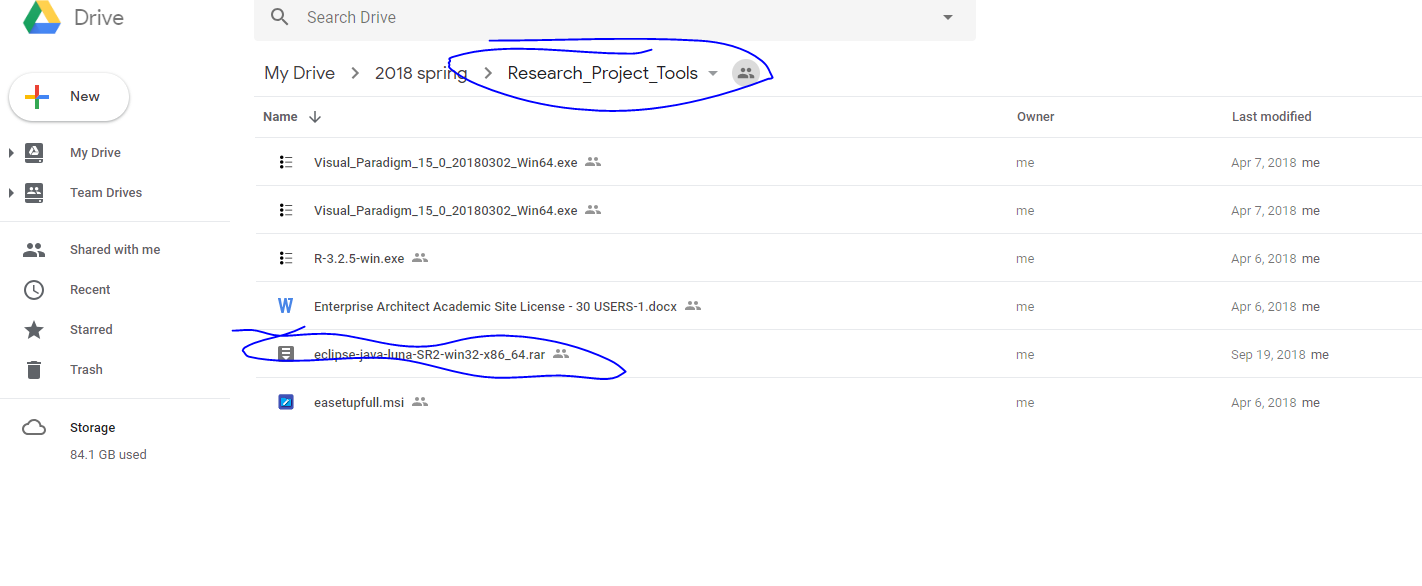
1. Searching for high-profile open source android projects from github.
   1. For example,
      1. LeafPic
      2. AmazeFileManager.
2. Put the source code into the our project data repo :
   1. <https://drive.google.com/drive/folders/15X6AKKwtoipcvED6UCcdmhYNPBn4n21U?usp=sharing>
   2. Update the project\_list.xlsx



1. Download Eclipse package from here: <https://drive.google.com/drive/folders/1bD77wI0-nT-j5qUkLGuM6S5DgmtG1Jb0?usp=sharing>



1. Run command the following command to generate the eclipse\_kdm.xml file (replacing the paths according your environment)

"C:\Users\Billy\GitHub\eclipse\eclipse-java-luna-SR2-win32-x86\_64\eclipse\eclipse" -consoleLog -console -noExit -application testMonitor3.id5 "C:\Users\Billy\GitHub\rufusmms-20180916T222343Z-001\rufusmms" "C:\Users\Billy\GitHub\rufusmms-20180916T222343Z-001\rufusmms\kdm.xml" -vmargs -Xmx10240M

1. Run command to generate the analysis results using the generated eclipse\_dkm.xml file.

node ./UMLxAnalyticToolKit.js <input file> <output dir> <project name>

For example,

node ./UMLxAnalyticToolKit.js "./data/StandAloneToolKit/f14a\_e\_lock\_box.xml" "./data/StandAloneToolKit/output" "f14a\_e\_lock\_box"

1. For the open source Android projects, run this command:

"C:/Program Files/R/R-3.2.5/bin/Rscript" ./UMLx/data/OpenSource/active\_contributors\_every\_30.R "https://api.github.com/repos/apache/carbondata" "./temp/git\_effort\_request\_results.txt"

The URL is the exactly the same as the URL of the open source project at Github, but an api URL for the project. It follow similar patterns. Just try to change the example into specific URL.