Summary

Project Composition Utility calculates the number of different file types in a code base. This information is necessary when companies are interested in signing up for an Audit Service Engagement.

This tool, when run over a file system (a directory or folder on a hard drive), is needed to calculate the effort and price of the engagement.

Pre-requisite: JRE 1.8

Steps:

1. Place all files to be analyzed on a local file system. Files to be analyzed are:
    a. All source code and third party binary files. This includes the following (if appropriate)
        i.   All Company Owned source
        ii. Third party source code
        iii. Web files (HTML, etc)
        iv. Script language files
        v.   All binaries files in which a dependency exist.

            This includes (but is not limited to) static libraries, dynamic libraries, independent applications (exe files), installers and other objects. This includes binary files that are distributed and those in which dependencies exists, but are not distributed.

    b. Document files that go with the software (readme files, license & copyright files, etc...).
    c. It does NOT need to include the actual build tools and build scripts, unless these also are distributed and/or contribute code to the application.
    d. It does NOT need to include the binaries that are produced by the build process, if the source for those binaries is also included. For example, any compiled object code, classes, jars derived from the build process and other files derived from the source code that is also analyzed.
2. Run the utility by double clicking on it or open command prompt and run the command java -jar {Path of the jar file}/ProjectComposition.jar
3. Browse to the location on the file system where the files are located and press the Generate Report button. Press the "Save" button to save the output file. The output will be an excel file.
4. Please email this file to your appropriate Code Experts contact.