

Recursive File Structure

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This was a interesting project in terms of OOP architecture, first attempt was to create a JSON file structure and use it as base. One of the hardest problem was identifying unique but repetitive objects for example: C:/Documents/Work D:/Documents/Images

Object folder named Documents appears 2 times one in C: and one in D: meaning that work will be included in documents so does Images, and in the end Work will be also included in D: and Images in C: Solving this problem was done by adding another type of object Directory(Dir) that includes Folder, File Structure Objects In structure.txt you can add what ever file hierarchy you want the script will do it's job, depending on how big the file is it may take a while do add it inside database because if you modify one line you're required to delete everything inside database and re-insert them. The only thing that you add manually is DB structure(find it inside file.sql)