**Project #2 Glob Documentation**

**Documentation:**

https://docs.python.org/3/library/glob.html

The Python Glob library gives you access to a pathname pattern search expansion. This library gives the user abilities very similar to certain Unix/Linux commands such as egrep. The Glob module itself finds all pathnames matching a specified pattern while following the rules of a Unix shell. Users are generally encouraged to learn more about Unix/Linux to easily and properly use this library. The ‘glob’ method has many parameters such as the pathname, root director and binary recursion. The Python Glob library is a small and simple library which leads to little methods/functions to be used within a program however there are many practical ways to utilize this library to accomplish various tasks.

A database administrator (DBA) may decide to use the Python Glob library to search for specific types of files quickly and accurately. For example, a DBA may use this library to find all files ending the letter ‘e’ in the filename and ‘.py’ as the file extension. This could be extremely useful to many DBA’s as it would greatly increase efficiency in locating and viewing files in a database where many similar files may exist. However, it is also important to note the flexible usage of this library. Since the Python Glob library is a pattern search extension within python, it is possible for a user to create very specific pattern searches which are already seen within Unix/Linux. The Python Glob library could also be used for image processing by using Glob to read multiple files within python itself. This once again, is another prime example of the usefulness of the library. Individuals without programming experience may also use this library for this exact purpose as its convenience outshines many other possible alternatives. Overall, the Python Glob library holds many practical uses even if the methods and functions within it are limited in number.