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Secure-File-Erase Python 3 Library

How does it work?

The SecureFileErase Library is an easy python program that allows you to destroy the contents of files by replacing the contents of the file with garbage before deletion essentially overwriting the file contents stopping it from being recovered.

How do I use it?

This library was created to be easy to use in your python programs. Here is how to start.

1. Place the secureFileErase.py file in your project directory
2. Import it

Once you are done your program should look something like this

**Import secureFileErase**

Now you want to use the library by typing something like this

**secureFileErase.secureErase(‘File.txt’,10,1)**

Here is an explanation of what this means

**‘File.txt’** = This is the file you want to secureErase.

**10** = The first number in this case **10** is the amount of passes. This means after the scramble is complete it will scrabble the previous scrabble again the amount of times you place here.

**1** = The second number or in this case **1** is the security level/overwrite level you want on the file. Note that the higher this number is the longer the process will take.

Example

# Unscrambled sample file

**Test.txt**

This is some test text

## After running secureFileErase

**Test.txt**

Becomes

**8LnvfzweKV39nynfdSGimMHKzn8m9b09hSNk9pr5tbKrndP1HFAAacCUXGru017z4l6PWz6uWDSofiSUpBzzWl0Ya83nX270bs0q.txt**

**This is some test text**

Becomes

**P7}y],0x#J(BTHvr7XiOVe?z(Y7>tLl[AJ?ST%U&2,mIsxnw/LDXlXCEE5UhElB.cyJ)7{^\_bV.0,As8CLsMh{Mvr;)Bm\_(?U|P&Gl(pVC^W<LhGi|DLVB3/T/((HHwWVsi?QW\*)l?wXHLPZoeKJ[/Y)M0Ycu+8.jyd?FrVV]H;gNfIY<h(+$-raNdvbQJi|3x6aK;;w$VtHO>ieVuR)HL0BVZEV/pmY8{Nwxo1|o+$|viGD\*vUV9{;+yxU)}eZO=8},rB(6)YYw+C9u8DdoIT.sd(V/#PhQ1r(29u7!UjBVTix1.ROXM;EY4F5vXm=pSw.A1oj}{D]e5<,4E@;GP;{CN\_T^uq\*F^8hCz|yOAw7;.s$>$z#N}^-9-B?-<dZRy6O)ghzfx.24,rSv#q|i!4RSM[@I7o&<cK2.n}d/4{zX#yM9>Od|f0>UG8Lgh)swOKien=JWRo[pyPQTV1FFrVi,7;XXhFs|iW)?p+-WeTD6g}{eXZ!E8;rED$vF77s)dhZU;z<Hdp/LE[7BtEZu[FlDBU.m4Eme\*=FK1WY<>0<|i.qvFM}bTw]bS;<Yj6e\_(>U!k@APC(k;]){kiF7]U6M;UNR;kfaAY}YMT-d7]f\_abA^)a@S&e.zVv.#TdF3Ci$r$i4o2|HS/C>f^QsTBj;Zk)c$E{&Mh\*H8CxVV)t;4;!Ub\*O<Yg6}Ja/w%7QJ!^**