

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 scramble the previous scramble 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

8LnvfzweKV39nynfdSGimMHKzn8m9b09hSNk9pr5tbKrndP1HFAAacCUXGru017z4l6PWz6uWDSofiSUp
BzzWl0Ya83nX270bs0q.txt

This is some test text

Becomes

P7}y],0x#J(BTHvr7XiOve?z(Y7>tLI[AJ?ST%U&2,mIsxnw/LDXIXCEE5UhEIB.cyJ)7{^_bV.0,As8CLsMh{Mvr;
)Bm_(?U|P&GI(pVC^W<LhGi|DLVB3/T/((HHwWVsi?QW*)I?wXHLPZoeKJ[/Y)M0Ycu+8.jyd?FrVV]H;gNfi
Y<h(+,\$-
raNdvbQJi|3x6aK;;w\$VtHO>ieVuR)HL0BVZEV/pmY8{Nwxo1|o+\$|viGD*vUV9{;+yxU)}eZO=8},rB(6)YY
w+C9u8DdoIT.sd(V/#PhQ1r(29u7!UjBVTix1.ROXM;EY4F5vXm=pSw.A1oj){D]e5<,4E@;GP;{CN_T^uq*F^
8hCz|yOAaw7;.s\$>\$z#N}^~9-B?-
<dZRy6O)ghzfx.24,rSv#q|i!4RSM[@I7o&<cK2.n}d/4{zX#yM9>Od|f0>UG8Lgh)swOKien=JWRo[pyPQTV
1FFrVi,7;XXhFs|iW)?p+-
WeTD6g}{eXZ!E8;rED\$vf77s)dhZU;z<Hdp/LE[7BtEZu[FIDBU.m4Eme*=FK1WY<>0<|i.qvFM}bTw]bS;<Yj
6e_(>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%7Q
J!^