

ANTI BRUTE FORCER

"YOUR PASSWORD IS PROTECTED"

Question:

What problem is solved by this program?

Answer:

Practically everyone stores tens of gigabytes of private photos and important documents in a cloud. Any account may be compromised, and in that case data may be accessible by the unknown parties.

Question:

But isn't data may be placed in the archives which are password protected?

Answer:

Yes, that is correct. But it is difficult to come up with long, non-repeating password unique to every archive. If your password is not long enough and is used for many archives, possibly in the future you will give away your data to someone.

Question:

So, what to do?

Answer:

Protect every archive with a unique password so long, that breaking it would not be feasible for anyone or any group of people.

1. Encryption of a file:

- 1.1 Complete the "SALT PASSWORD" and "MASTER PASSWORD" fields;
- 1.2 Generate salt chaotically moving mouse pointer within the boundaries of the window, the longer, the better;
- 1.3 Press the "START TO DERIVE KEY" button and wait for the completion of process of extraction of the key;
- 1.4 When "SALT COPY / CLEAR" button is pressed, the salt text for a key is saved to the computer's buffer, and the may be inserted into comment field of an archive;
- 1.5 Similarly, when "KEY COPY / CLEAR" button is pressed the generated key is saved into computer's buffer memory.

2. Decryption of a file:

- 2.1 Check the "DECRYPTION" box;
- 2.2 Copy encrypted salt by pressing Ctrl+C from the archive's comment filed, and insert into salt field by pressing Ctrl+V;
- 2.3 Fill in "SALT PASSWORD" and "MASTER PASSWORD";
- 2.4 Press the "START TO DERIVE KEY" button which begins the extraction of a key;
- 2.5 Press the "KEY COPY / CLEAR" button, which will copy the key into buffer memory, and insert the key into password key of the archive when it is requested.

WARNING! In the archiver cannot be installed checkbox, which is called "encrypt file names", otherwise you will not be able to get access to "salt", which is stored in the archive's comments. If you want to hide the names of the stored files, save the "salt" in a separate text file.