KASKADE-S/T - PART 3

Author: Bernhard Esslinger

February 2011

Kaskade

This time your friend only sends you a ciphertext, which has been encrypted using his cipher (see Kaskade-S/T - Part 1 and Part 2). He wants you to figure out the title of the decrypted text.
The only information, you got, is that a key length of 2*256 byte has been used. Additionally you know that your friend is an admirer of English authors.

The cipher processes the plaintext and the ciphertext in blocks of a length of 256 byte and pads the last block, if necessary, with X. The solution of this challenge is the title of the wanted plaintext, without any white spaces, using only capital letters.

Challenge

If you write the key you found into the file "256key", you are able to test with the given Python v3.1 program (Kaskade.py), whether the given ciphertext can be decrypted correctly into the sought-after ciphertext.

The call for encryption is:

python3.1 Kaskade.py -e plaintext ciphertext 256key

The call for decryption is:

python3.1 Kaskade.py -d ciphertext plaintext 256key