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"""PyCrypto RC4 implementation."""

from .cryptomath import \*

from .rc4 import \*

if pycryptoLoaded:

import Crypto.Cipher.ARC4

def new(key):

return PyCrypto\_RC4(key)

class PyCrypto\_RC4(RC4):

def \_\_init\_\_(self, key):

RC4.\_\_init\_\_(self, key, "pycrypto")

key = bytes(key)

self.context = Crypto.Cipher.ARC4.new(key)

def encrypt(self, plaintext):

plaintext = bytes(plaintext)

return bytearray(self.context.encrypt(plaintext))

def decrypt(self, ciphertext):

ciphertext = bytes(ciphertext)

return bytearray(self.context.decrypt(ciphertext))