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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'xcrypt.3'***

#### ***\$ man xcrypt.3***

XCRYPT(3)                      Linux Programmer's Manual                      XCRYPT(3)

#### NAME

xcrypt, xdecrypt, passwd2des - RFS password encryption

#### SYNOPSIS

```
#include <rpc/des_crypt.h>

void passwd2des(char *passwd, char *key);

int xencrypt(char *secret, char *passwd);

int xdecrypt(char *secret, char *passwd);
```

#### DESCRIPTION

WARNING: Do not use these functions in new code. They do not achieve any type of acceptable cryptographic security guarantees.

The function passwd2des() takes a character string passwd of arbitrary length and fills a character array key of length 8. The array key is suitable for use as DES key. It has odd parity set in bit 0 of each byte. Both other functions described here use this function to turn their argument passwd into a DES key.

The xencrypt() function takes the ASCII character string secret given in hex, which must have a length that is a multiple of 16, encrypts it

