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Rocky Enterprise Linux 9.2 Manual Pages on command 'Crypt::Stream::RC4.3pm'

\$ man Crypt::Stream::RC4.3pm

Crypt::Stream::RC4(3pm) User Contributed Perl Documentation Crypt::Stream::RC4(3pm)

NAME

Crypt::Stream::RC4 - Stream cipher RC4

SYNOPSIS

```
use Crypt::Stream::RC4;

# encrypt

$key = "1234567890123456";

$stream = Crypt::Stream::RC4->new($key);

$cct = $stream->crypt("plain message");

# decrypt

$key = "1234567890123456";

$stream = Crypt::Stream::RC4->new($key);

$pt = $stream->crypt($cct);
```

DESCRIPTION

Provides an interface to the RC4 stream cipher.

METHODS

new

```
$stream = Crypt::Stream::RC4->new($key);

# $key .. length 5-256 bytes (40 - 2048 bits)
```

crypt

```
$ciphertext = $stream->crypt($plaintext);

#or

$plaintext = $stream->crypt($ciphertext);
```

keystream

```
$random_key = $stream->keystream($length);
```

clone

```
$stream->clone();
```

SEE ALSO

? Crypt::Stream::ChaCha, Crypt::Stream::Sober128, Crypt::Stream::Salsa20,

Crypt::Stream::Sosemanuk

? <https://en.wikipedia.org/wiki/RC4_cipher>

perl v5.34.0

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