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Rocky Enterprise Linux 9.2 Manual Pages on command 'Crypt::Digest::SHAKE.3pm'

\$ man Crypt::Digest::SHAKE.3pm

Crypt::Digest::SHAKE(3pm) User Contributed Perl Documentation Crypt::Digest::SHAKE(3pm)

NAME

Crypt::Digest::SHAKE - Hash functions SHAKE128, SHAKE256 from SHA3 family

SYNOPSIS

use Crypt::Digest::SHAKE

```
$d = Crypt::Digest::SHAKE->new(128);  
$d->add('any data');  
$d->addfile('filename.dat');  
$d->addfile(*FILEHANDLE);  
$part1 = $d->done(100); # 100 raw bytes  
$part2 = $d->done(100); # another 100 raw bytes  
#...
```

DESCRIPTION

Provides an interface to the SHA3's sponge function SHAKE.

METHODS

new

```
$d = Crypt::Digest::SHA3-SHAKE->new($num);
```

```
# $num ... 128 or 256
```

clone

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

reset

```
$d->reset();
```

add

```
$d->add('any data');
```

```
#or
```

```
$d->add('any data', 'more data', 'even more data');
```

addfile

```
$d->addfile('filename.dat');
```

```
#or
```

```
$d->addfile(*FILEHANDLE);
```

done

```
$result_raw = $d->done($len);
```

```
# can be called multiple times
```

SEE ALSO

? CryptX, Crypt::Digest

? <<http://en.wikipedia.org/wiki/SHA-3>>

perl v5.34.0

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