

NAME

looptest – loop iteration tester

SYNOPSIS

looptest *count file*

DESCRIPTION

The **looptest** utility counts the number of lines in the specified *file* and compares it with the specified *count*. It exits with an appropriate status according to whether this comparison is equal or not equal.

Notice that this utility has the same effect as doing a:

```
wc -l <file | tr -d '\t' | grep '^count$' >/dev/null
```

In fact, it is a direct replacement for this command line that provides a simpler, more efficient way for both *osh*(1) and *sh6*(1) to perform count-controlled loops.

EXIT STATUS

The **looptest** utility exits with one of the following values:

- 0 The *file* line count is equal to *count*.
- 1 The *file* line count is not equal to *count*.
- 2 An error was detected.

EXAMPLES

Each of the following command files causes the shell to perform a loop that prints 80 dots to the standard output.

```
: Print dots with osh and sh6.
```

```
(: )>prdots.$$
```

```
: Loop
```

```
    echo -n .
    echo >>prdots.$$
    if ! { looptest 80 prdots.$$ } goto Loop
```

```
echo ; rm -f prdots.$$
```

Osh also offers another way to test the **looptest** exit status with the '\$s' special parameter as illustrated below.

```
: Print dots with osh.
```

```
(: )>prdots.$$
```

```
: Loop
```

```
    echo -n .
    echo >>prdots.$$
    looptest 80 prdots.$$
    if $s != 0 goto Loop
```

```
echo ; rm -f prdots.$$
```

SEE ALSO

osh(1), *sh6*(1)

Looptest home page: <http://v6shell.org/looptest/>

AUTHOR

This implementation of **looptest** is written by Jeffrey Allen Neitzel.

LICENSE

See <http://v6shell.org/looptest/LICENSE> for full details.