

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 *etsh*(1) and *tsh*(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 etsh and tsh.
```

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

```
: Loop
```

```
    echo -n .
```

```
    echo >>prdots.$$
```

```
    if ! { looptest 80 prdots.$$ } goto Loop
```

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

*Ets*h also offers another way to test the **looptest** exit status with the ‘\$?’ special parameter as illustrated below.

: Print dots with etsh.

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

: Loop

```
echo -n .  
echo >>prdots.$$  
looptest 80 prdots.$$  
if $? -ne 0 goto Loop
```

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

SEE ALSO

etsh(1), tsh(1)

Looptest home page: <https://etsh.io/looptest/>

AUTHOR

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

LICENSE

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