



index : coreutils.git

master

switch

GNU coreutils

summary

refs

log

tree

commit

diff

log msg

search

author Paul Eggert <eggert@cs.ucla.edu> 2026-04-28 11:25:00 -0700
 committer Paul Eggert <eggert@cs.ucla.edu> 2026-04-28 11:25:41 -0700
 commit d64e35a8a4c0e4608321433e0d84d917e4e36371 (patch)
 tree 9c17d04ada3a0bddfdeb3d49889644910da3d7b
 parent 0f85d79ed60de25b7530af7bbf1a97523fbbfca2 (diff)

diff options

context: 3

space: include

mode: unified

uniq: fix read overrun with -w

Problem reported by Michał Majchrowicz.

* src/uniq.c (find_field): Fix typo.

* tests/uniq/uniq.pl (add_z_variants): Test for the bug.

Diffstat

```
-rw-r--r-- NEWS 3
-rw-r--r-- THANKS.in 1
-rw-r--r-- src/uniq.c 4
-rwxr-xr-x tests/uniq/uniq.pl 3
```

4 files changed, 9 insertions, 2 deletions

diff --git a/NEWS b/NEWS

index a827cf0d9..d78317669 100644

--- a/NEWS

+++ b/NEWS

@@ -8,6 +8,9 @@ GNU coreutils NEWS

mistakenly exit with a nonzero status.

[This bug was present in "the beginning".]

+ 'uniq -w' no longer overruns the read buffer in multibyte locales.

+ [bug introduced in coreutils-9.5]

+

* Noteworthy changes in release 9.11 (2026-04-20) [stable]

diff --git a/THANKS.in b/THANKS.in

index 35fee752b..5a2fd3501 100644

--- a/THANKS.in

+++ b/THANKS.in

@@ -459,6 +459,7 @@ Michail Litvak

Michal Politowski

Michal Svec

Michal Trunecka

+Michał Majchrowicz

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diff --git a/src/uniq.c b/src/uniq.c

index 30463598a..5834596f9 100644

-*- outline -*-

```

--- a/src/uniq.c
+++ b/src/uniq.c
@@ -285,8 +285,8 @@ find_field (struct linebuffer const *line, idx_t *plen)
     else
     {
         char *ep = lp;
-        for (idx_t i = check_chars; 0 < i && lp < lim; i--)
-            ep += mcel_scan (lp, lim).len;
+        for (idx_t i = check_chars; 0 < i && ep < lim; i--)
+            ep += mcel_scan (ep, lim).len;
         len = ep - lp;
     }

```

```

diff --git a/tests/uniq/uniq.pl b/tests/uniq/uniq.pl
index b558fb3ee..0df7ec62d 100755

```

```

--- a/tests/uniq/uniq.pl
+++ b/tests/uniq/uniq.pl
@@ -234,6 +234,9 @@ my @Tests =
    "    - 'separate'\n" .
    "    - 'both'\n" .
    "Try '$prog --help' for more information.\n"}],
+ # Test for read buffer overrun.
+ do { my $longline = "\360\237\230\200" . "A" x 255 . "\n";
+     ['146', '-w256', {IN => $longline x 2}, {OUT => $longline}] },
+ );

# Locale related tests

```

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