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RUSTSEC-2025-0140

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Non-utf8 String can be created with

```
TimeBuf::as_str
```

Reported December 29, 2025



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Package [gix-date](#) ([crates.io](#) )

Type Vulnerability

Categories [memory-corruption](#)

Keywords [#utf8](#) [#undefined-behavior](#)

Aliases [CVE-2026-0810](#) 
[GHSA-6mw6-mj76-grwc](#) 

References <https://github.com/GitoxideLabs/gitoxide/issues/2305> 

Patched `>=0.12.0`

Affected Functions

Version

```
gix_date::parse::TimeBuf::as_str
```

```
<=0.11.1, >=0.10.0
```

Description

The function `gix_date::parse::TimeBuf::as_str` can create an illegal string containing non-utf8 characters. This violates the safety invariant of `TimeBuf` and can lead to undefined behavior when consuming the string.

The bug can be prevented by adding `str::from_utf8` to the function `TimeBuf::write`.

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