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3ee2152 · 7 hours ago

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# CVE-2026-29628 tinyobjloader experimental parser buffer overflow

## Summary

Stack-based buffer overflow overflow in <https://github.com/tinyobjloader/tinyobjloader>, it only affects the experimental version, which can lead to unexpected results.

## Affected versions

`tinyobjloader` is affected in all versions up to commit `d56555b`.

A fix was proposed in:

- `386b73bb8c1a855236beb73b11f45f7feac4e03a`  
<https://github.com/kiyochii/tinyobjloader/tree/386b73bb8c1a855236beb73b11f45f7feac4e03a>

Repository:

- <https://github.com/tinyobjloader/tinyobjloader>

## Proof of Concept

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The issue is reproducible under AddressSanitizer as a stack-buffer-overflow in

`tinyobj_opt::LoadMtl`, where an oversized `newmtl token` is written into the fixed-size local buffer `namebuf`.

## Compile Instructions

Build the proof of concept with AddressSanitizer and UndefinedBehaviorSanitizer enabled:

```
clang++ -std=c++17 -O1 -g -fsanitize=address,undefined -fno-omit-frame-pointer \  
-I./tinyobjloader \  
  
```



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## Releases

No releases published

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## Packages

No packages published

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## Contributors

No contributors

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## Languages

● C++ 100.0%