



# CVE-2023-38497

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2023-38497
<b>State</b>	PUBLIC
<b>Assigner</b>	security-advisories@github.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-08-04 16:15:00 UTC
<b>Updated</b>	2023-08-17 19:15:00 UTC
<b>Description</b>	Cargo downloads the Rust project's dependencies and compiles the project. Cargo prior to version 0.72.2, bundled with Ru

## Risk And Classification

### Problem Types: CWE-278

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	38	All	All	All
Application	<a href="#">Rust-lang</a>	<a href="#">Cargo</a>	All	All	All	All

## References

Reference	Source	Link
Patches for CVE-2023-38497	MISC	<a href="#">github.com</a>
Security policy - Rust Programming Language	MISC	<a href="#">www.rust-lang.c</a>
umask - Wikipedia	MISC	<a href="#">en.wikipedia.org</a>
Cargo not respecting umask when extracting crate archives · Advisory · rust-lang/cargo · GitHub	MISC	<a href="#">github.com</a>
Auto merge of #12443 - pietroalbini:pa-cve-2023-38497-nightly, r=weih... · rust-lang/cargo@d78bbf4 · GitHub	MISC	<a href="#">github.com</a>
[SECURITY] Fedora 37 Update: rust-1.71.1-1.fc37 - package-announce - Fedora Mailing-Lists	MISC	<a href="#">lists.fedoraproje</a>
Fix CVE-2023-38497 for master by pietroalbini · Pull Request #12443 · rust-lang/cargo · GitHub	MISC	<a href="#">github.com</a>
[SECURITY] Fedora 38 Update: rust-1.71.1-1.fc38 - package-announce - Fedora Mailing-Lists	MISC	<a href="#">lists.fedoraproje</a>
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[199636](#) Ubuntu Security Notification for Cargo Vulnerability (USN-6275-1)

[241946](#) Red Hat Update for rust (RHSA-2023:4634)

[241951](#) Red Hat Update for rust-toolset:rhel8 (RHSA-2023:4635)

[284376](#) Fedora Security Update for rust (FEDORA-2023-6f2c7aa713)

[284410](#) Fedora Security Update for rust (FEDORA-2023-4824704a61)

[503265](#) Alpine Linux Security Update for rust

[505933](#) Alpine Linux Security Update for rust

[907407](#) Common Base Linux Mariner (CBL-Mariner) Security Update for rust (28510-1)

[941229](#) AlmaLinux Security Update for rust (ALSA-2023:4634)

[941232](#) AlmaLinux Security Update for rust-toolset:rhel8 (ALSA-2023:4635)

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