



Look up package or ID...

[About](#) [Advisories](#) [Report Vulnerabilities](#)



## RUSTSEC-2021-0042

[History](#) · [Edit](#)

insert\_many can drop elements twice on panic

**Reported** January 26, 2021

**Issued** March 26, 2021 (last modified: October 19, 2021)

**Package** [insert\\_many](#) ([crates.io](#))

**Type** Vulnerability

**Categories** [memory-corruption](#)

**Keywords** [#memory-safety](#) [#double-free](#)

**Aliases** [CVE-2021-29933](#)

**Details** [https://github.com/rphmeier/insert\\_many/issues/1](https://github.com/rphmeier/insert_many/issues/1)

**CVSS Score** 7.5 HIGH

<b>CVSS Details</b>	<b>Attack vector</b>	Network
	<b>Attack complexity</b>	Low
	<b>Privileges required</b>	None
	<b>User interaction</b>	None
	<b>Scope</b>	Unchanged
	<b>Confidentiality</b>	None
	<b>Integrity</b>	None
	<b>Availability</b>	High

**CVSS Vector** [CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H](#)

**Patched** no patched versions

### Description

Affected versions of `insert_many` used `ptr::copy` to move over items in a vector to make space before inserting, duplicating their ownership. It then iterated over a provided `Iterator` to insert the new items.

If the iterator's `.next()` method panics then the vector would drop the same elements twice.