



Look up package or ID...

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



RUSTSEC-2021-0009

[History](#) · [Edit](#)

panic safety issue in `impl TransformContent<S, D> for [S; (2|3|4)]`

Reported January 10, 2021

Issued January 20, 2021 (last modified: October 19, 2021)

Package [basic_dsp_matrix](#) ([crates.io](#))

Type Vulnerability

Categories [memory-corruption](#)

Aliases [CVE-2021-25906](#)

Details https://github.com/liebharc/basic_dsp/issues/47

CVSS Score 7.5 HIGH

CVSS Details

Attack vector	Network
Attack complexity	Low
Privileges required	None
User interaction	None
Scope	Unchanged
Confidentiality	None
Integrity	None
Availability	High

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

Patched `>=0.9.2`

Description

Affected versions of this crate did not guard against double drop while temporarily duplicating objects' ownership using `ptr::read()`. Upon panic in a user-provided function `conversion`, objects that are copied by `ptr::read()` are dropped twice, leading to memory corruption.

The flaw was corrected in v0.9.2 by using `ManuallyDrop<T>` to enclose objects that are to be temporarily duplicated.