



wren-lang wren Source File wren_compiler.c peekChar out-of-bounds

MITRE

NVD

CVE.ORG

JSON API

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Summary

CVE	CVE-2026-2858
State	PUBLISHED
Assigner	VulDB
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-02-20 22:16:30 UTC
Updated	2026-04-29 01:00:01 UTC
Description	A vulnerability was identified in wren-lang wren up to 0.4.0. This affects the function peekChar of the file src/vm/wren_comp

Risk And Classification

Primary CVSS: v4.0 1.9 LOW from cna@vulldb.com

CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:P/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX:MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

Problem Types: CWE-119 | CWE-125 | CWE-125 Out-of-Bounds Read | CWE-119 Memory Corruption

Version	Source	Type	Score	Severity	Vector
4.0	cna@vulldb.com	Secondary	1.9	LOW	CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:P/C...
4.0	CNA	DECLARED	4.8	MEDIUM	CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:P
3.1	nvd@nist.gov	Primary	7.1	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:N/A:H
3.1	cna@vulldb.com	Secondary	3.3	LOW	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:L
3.1	CNA	DECLARED	3.3	LOW	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:L/E:P/RL:X/RC:R
3.0	CNA	DECLARED	3.3	LOW	CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:L/E:P/RL:X/RC:R
2.0	cna@vulldb.com	Secondary	1.7		AV:L/AC:L/Au:S/C:N/I:N/A:P
2.0	CNA	DECLARED	1.7		AV:L/AC:L/Au:S/C:N/I:N/A:P/E:POC/RL:ND/RC:UR

CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Attack Requirements

None

Privileges Required

Low

User Interaction

None

Confidentiality

None

Integrity

None

Availability

Low

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:P/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX:MSC:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

High

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:N/A:H

CVSS v3.0 Breakdown

Attack Vector

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

Low

CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:L/E:P/RL:X/RC:R



NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Wren	Wren	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Wren-lang	Wren	affected 0.1	Not specified
CNA	Wren-lang	Wren	affected 0.2	Not specified
CNA	Wren-lang	Wren	affected 0.3	Not specified
CNA	Wren-lang	Wren	affected 0.4.0	Not specified

References

Reference	Source	Link	Tags
vuldb.com	cna@vuldb.com	vuldb.com	Third Party Advisory, VDB Entry
github.com/oneafter/0122/blob/main/i1217/repro	cna@vuldb.com	github.com	Issue Tracking, Product
vuldb.com	cna@vuldb.com	vuldb.com	Permissions Required, VDB Entry
github.com/wren-lang/wren/issues/1217	cna@vuldb.com	github.com	Issue Tracking
vuldb.com	cna@vuldb.com	vuldb.com	Third Party Advisory, VDB Entry
github.com/wren-lang/wren	cna@vuldb.com	github.com	Product
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit		
Discovery Credit		
CNA: Oneafter (VulDB User) (en)		
Additional Advisory Data		
Source	Time	Event
CNA	2026-02-20T00:00:00.000Z	Advisory disclosed
CNA	2026-02-20T01:00:00.000Z	VulDB entry created
CNA	2026-02-20T11:54:44.000Z	VulDB entry last update
There are currently no legacy QID mappings associated with this CVE.		

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