PoDoFo PDF Dictionary PdfTokenizer.cpp DetermineDataType use after free

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2025-9394
State	PUBLISHED
Assigner	VulDB
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-08-24 16:15:30 UTC
Updated	2026-04-29 01:00:01 UTC
Description	A flaw has been found in PoDoFo 1.1.0-dev. This issue affects the function PdfTokenizer::DetermineDataType of the file sr

Risk And Classification

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

CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:L/VI:L/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/MSC:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

Problem Types: CWE-119 | CWE-416 | CWE-416 Use After Free | CWE-119 Memory Corruption

Version	Source	Type	Score	Severity	Vector
4.0	cna@vuldb.com	Secondary	1.9	LOW	CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:L/VI:L/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:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P
3.1	nvd@nist.gov	Primary	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H
3.1	cna@vuldb.com	Secondary	5.3	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L
3.1	CNA	DECLARED	5.3	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L/E:P/RL:O/RC:C
3.0	CNA	DECLARED	5.3	MEDIUM	CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L/E:P/RL:O/RC:C
2.0	cna@vuldb.com	Secondary	4.3		AV:L/AC:L/Au:S/C:P/I:P/A:P
2.0	CNA	DECLARED	4.3		AV:L/AC:L/Au:S/C:P/I:P/A:P/E:POC/RL:OF/RC:C

CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Attack Requirements

None

Privileges Required

Low

User Interaction

None

Confidentiality

Low

Integrity

Low

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:L/VI:L/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/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

None

Integrity

None

Availability

High

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

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

Low

Availability

Low

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Podofo Project	Podofo	1.1.0	dev	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	PoDoFo	affected 1.1.0-dev	Not specified

References

Reference	Source	Link
vuldb.com	cna@vuldb.com	vuldb.com
github.com/podofo/podofo/commit/22d16cb142f293bf956f66a4d399cdd65576d36c	cna@vuldb.com	github.com
drive.google.com/file/d/1edJH17GAiK9R441Gjyj8tiV_2ptoL16U/view	cna@vuldb.com	drive.google
vuldb.com	cna@vuldb.com	vuldb.com
github.com/podofo/podofo/issues/275	134c704f-9b21-4f2e-91b3-4a467353bcc0	github.com
vuldb.com	134c704f-9b21-4f2e-91b3-4a467353bcc0	vuldb.com
vuldb.com	134c704f-9b21-4f2e-91b3-4a467353bcc0	vuldb.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

Vendor Comments And Credit

Discovery Credit

CNA: xdcao (VulDB User) (en)

Additional Advisory Data

Source	Time	Event
CNA	2025-08-23T00:00:00.000Z	Advisory disclosed
CNA	2025-08-23T02:00:00.000Z	VulDB entry created
CNA	2025-08-24T17:07:20.000Z	VulDB entry last update

There are currently no legacy QID mappings associated with this CVE.