



MuPDF < 1.27 mutool ANSI Injection via Metadata

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

Summary

CVE	CVE-2026-40505
State	PUBLISHED
Assigner	VulnCheck
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-16 02:16:11 UTC
Updated	2026-04-17 17:17:08 UTC
Description	MuPDF before 1.27 contains an ANSI injection vulnerability in mutool that allows attackers to inject arbitrary ANSI escape s

Risk And Classification

Primary CVSS: v4.0 4.8 MEDIUM from disclosure@vulncheck.com

CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:P/VC:N/VI:L/VA:N/SC:N/SI:N/SA:N/E:X/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

EPSS: 0.000040000 probability, percentile 0.001750000 (date 2026-04-21)

Problem Types: CWE-150 | CWE-150 CWE-150 Improper Neutralization of Escape, Meta, or Control Sequences

Version	Source	Type	Score	Severity	Vector
4.0	disclosure@vulncheck.com	Secondary	4.8	MEDIUM	CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:P/VC:N/VI:L/VA:N/SC:N/SI:N/SA
4.0	CNA	CVSS	4.8	MEDIUM	CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:P/VC:N/VI:L/VA:N/SC:N/SI:N/SA
3.1	disclosure@vulncheck.com	Secondary	3.3	LOW	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:L/A:N
3.1	CNA	CVSS	3.3	LOW	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:L/A:N

CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Attack Requirements

None

Privileges Required

None

User Interaction

Passive

Confidentiality

None

Integrity

Low

Availability

None

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:P/VC:N/VI:L/VA:N/SC:N/SI:N/SA:N/E:X/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

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

None

Integrity

Low

Availability

None

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Artifex Software Inc.	MuPDF	affected 1.27.0 semver	Not specified
CNA	Artifex Software Inc.	MuPDF	affected 0f17d789fe8c29b41e47663be82514aaca3a4dfb git	Not specified

References

Reference	Source	Link	Ta
github.com/ArtifexSoftware/mupdf/releases/tag/1.27.0	disclosure@vulncheck.com	github.com	
cgit.ghostscript.com/cgi-bin/cgit.cgi/mupdf.git/commit	disclosure@vulncheck.com	cgit.ghostscript.com	
www.vulncheck.com/advisories/mupdf-mutool-ansi-injection-via-metadata	disclosure@vulncheck.com	www.vulncheck.com	
github.com/ArtifexSoftware/mupdf/commit/0f17d789fe8c29b41e47663be82514aa...	disclosure@vulncheck.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	ca
NVD vulnerability detail	NVD	nvd.nist.gov	ca

Vendor Comments And Credit

Discovery Credit

CNA: Niel Duysters (en)

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

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