



CVE-2020-21684

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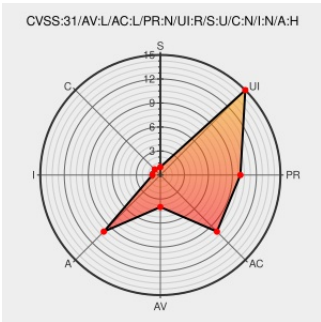
CVE-2020-21684

[Source: Mitre](#)

[Source: NIST](#)

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Certain versions of [Fig2dev](#) from [Fig2dev Project](#) contain the following vulnerability:

A global buffer overflow in the `put_font` in `genpict2e.c` of `fig2dev 3.2.7b` allows attackers to cause a denial of service (DOS) via converting a `xfig` file into `pict2e` format.

CVE-2020-21684 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.5 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	NONE	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: **4.3 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
Xfig / Tickets / #75 global-buffer-overflow in put_font at genpict2e.c:2229	sourceforge.net text/html	MISC sourceforge.net/p/mcj/tickets/75/

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Related QID Numbers

180693 Debian Security Update for fig2dev (CVE-2020-21684)

355831 Amazon Linux Security Advisory for transfig : ALAS-2023-1807

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Fig2dev Project	Fig2dev	3.2.7	beta	All	All
Application	Fig2dev Project	Fig2dev	3.2.7b	All	All	All

```
cpe:2.3:a:fig2dev_project:fig2dev:3.2.7:beta:*:*:*:*:*:
```

```
cpe:2.3:a:fig2dev_project:fig2dev:3.2.7b:*:*:*:*:*:
```

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2020-21684 : A global buffer overflow in the put_font in genpict2e.c of fig2dev 3.2.7b allows attackers to caus... twitter.com/i/web/status/1...	2021-08-10 21:11:01
 @WesUncensored	New vulnerability on the NVD: CVE-2020-21684 ift.tt/3iA1vEw	2021-08-10 22:33:17

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