



CVE-2012-5670

Published on: 01/24/2013 12:00:00 AM UTC

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CVE-2012-5670

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

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

The `_bdf_parse_glyphs` function in FreeType before 2.4.11 allows context-dependent attackers to cause a denial of service (out-of-bounds write and crash) via vectors related to BDF fonts and an `ENCODING` field with a negative value.

CVE-2012-5670 has been assigned by secalert@redhat.com to track the vulnerability

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

freetype/freetype2.git - The FreeType 2 library

git.savannah.gnu.org
[text/html](#)

CONFIRM
[git.savannah.gnu.org/cgi/freetype/freetype2.git/commit/?id=7f2e4f4f553f6836be7683f66226afac3fa979b8](https://git.savannah.gnu.org/cgi/freetype/freetype2.git/commit?id=7f2e4f4f553f6836be7683f66226afac3fa979b8)

openSUSE-SU-2013:0189-1: moderate: update for freetype2

lists.opensuse.org
[text/html](#)

SUSE openSUSE-SU-2013:0189

openSUSE-SU-2013:0165-1: moderate: update for freetype2

lists.opensuse.org
[text/html](#)

SUSE openSUSE-SU-2013:0165

FreeType Multiple Bugs in BDF Implementation Let Remote Users Execute Arbitrary Code - SecurityTracker

www.securitytracker.com
[text/html](#)

SECTrack 1027921

The FreeType Project

www.freetype.org
[text/html](#)

CONFIRM www.freetype.org/

USN-1686-1: FreeType vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-1686-1
About Secunia Research Flexera	Vendor Advisory secunia.com Deprecated Link text/plain	 SECUNIA 51900
The Slackware Linux Project: Slackware Security Advisories	www.slackware.com text/html	 SLACKWARE SSA:2013-015-01
Security Advisory SA51826 - Ubuntu update for freetype - Secunia	Vendor Advisory web.archive.org text/html	 SECUNIA 51826
The FreeType Project - Bugs: bug #37907, Out-of-bounds write in... [Savannah]	savannah.nongnu.org text/html	 CONFIRM savannah.nongnu.org/bugs/?37907
oss-security - Re: CVE Request - Multiple security fixes in freetype - 2.4.11	www.openwall.com text/html	 MLIST [oss-security] 20121224 Re: CVE Request - Multiple security fixes in freetype - 2.4.11

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Freetype	Freetype	1.3.1	All	All	All
Application	Freetype	Freetype	2.0.0	All	All	All
Application	Freetype	Freetype	2.0.1	All	All	All
Application	Freetype	Freetype	2.0.2	All	All	All
Application	Freetype	Freetype	2.0.3	All	All	All
Application	Freetype	Freetype	2.0.4	All	All	All
Application	Freetype	Freetype	2.0.5	All	All	All
Application	Freetype	Freetype	2.0.6	All	All	All
Application	Freetype	Freetype	2.0.7	All	All	All
Application	Freetype	Freetype	2.0.8	All	All	All
Application	Freetype	Freetype	2.0.9	All	All	All
Application	Freetype	Freetype	2.1	All	All	All
Application	Freetype	Freetype	2.1.10	All	All	All
Application	Freetype	Freetype	2.1.3	All	All	All
Application	Freetype	Freetype	2.1.4	All	All	All
Application	Freetype	Freetype	2.1.5	All	All	All
Application	Freetype	Freetype	2.1.6	All	All	All

Application	Freetype	Freetype	2.1.7	All	All	All
Application	Freetype	Freetype	2.1.8	All	All	All
Application	Freetype	Freetype	2.1.8	rc1	All	All
Application	Freetype	Freetype	2.1.9	All	All	All
Application	Freetype	Freetype	2.2.0	All	All	All
Application	Freetype	Freetype	2.2.1	All	All	All
Application	Freetype	Freetype	2.3.0	All	All	All
Application	Freetype	Freetype	2.3.1	All	All	All
Application	Freetype	Freetype	2.3.10	All	All	All
Application	Freetype	Freetype	2.3.11	All	All	All
Application	Freetype	Freetype	2.3.12	All	All	All
Application	Freetype	Freetype	2.3.2	All	All	All
Application	Freetype	Freetype	2.3.3	All	All	All
Application	Freetype	Freetype	2.3.4	All	All	All
Application	Freetype	Freetype	2.3.5	All	All	All
Application	Freetype	Freetype	2.3.6	All	All	All
Application	Freetype	Freetype	2.3.7	All	All	All
Application	Freetype	Freetype	2.3.8	All	All	All
Application	Freetype	Freetype	2.3.9	All	All	All
Application	Freetype	Freetype	2.4.0	All	All	All
Application	Freetype	Freetype	2.4.1	All	All	All
Application	Freetype	Freetype	2.4.2	All	All	All
Application	Freetype	Freetype	2.4.3	All	All	All
Application	Freetype	Freetype	2.4.4	All	All	All
Application	Freetype	Freetype	2.4.5	All	All	All
Application	Freetype	Freetype	2.4.6	All	All	All
Application	Freetype	Freetype	2.4.7	All	All	All
Application	Freetype	Freetype	2.4.8	All	All	All
Application	Freetype	Freetype	2.4.9	All	All	All
Application	Freetype	Freetype	1.3.1	All	All	All
Application	Freetype	Freetype	2.0.0	All	All	All
Application	Freetype	Freetype	2.0.1	All	All	All
Application	Freetype	Freetype	2.0.2	All	All	All
Application	Freetype	Freetype	2.0.3	All	All	All
Application	Freetype	Freetype	2.0.4	All	All	All

Application	Freetype	Freetype	2.0.5	All	All	All
Application	Freetype	Freetype	2.0.6	All	All	All
Application	Freetype	Freetype	2.0.7	All	All	All
Application	Freetype	Freetype	2.0.8	All	All	All
Application	Freetype	Freetype	2.0.9	All	All	All
Application	Freetype	Freetype	2.1	All	All	All
Application	Freetype	Freetype	2.1.10	All	All	All
Application	Freetype	Freetype	2.1.3	All	All	All
Application	Freetype	Freetype	2.1.4	All	All	All
Application	Freetype	Freetype	2.1.5	All	All	All
Application	Freetype	Freetype	2.1.6	All	All	All
Application	Freetype	Freetype	2.1.7	All	All	All
Application	Freetype	Freetype	2.1.8	All	All	All
Application	Freetype	Freetype	2.1.8	rc1	All	All
Application	Freetype	Freetype	2.1.9	All	All	All
Application	Freetype	Freetype	2.2.0	All	All	All
Application	Freetype	Freetype	2.2.1	All	All	All
Application	Freetype	Freetype	2.3.0	All	All	All
Application	Freetype	Freetype	2.3.1	All	All	All
Application	Freetype	Freetype	2.3.10	All	All	All
Application	Freetype	Freetype	2.3.11	All	All	All
Application	Freetype	Freetype	2.3.12	All	All	All
Application	Freetype	Freetype	2.3.2	All	All	All
Application	Freetype	Freetype	2.3.3	All	All	All
Application	Freetype	Freetype	2.3.4	All	All	All
Application	Freetype	Freetype	2.3.5	All	All	All
Application	Freetype	Freetype	2.3.6	All	All	All
Application	Freetype	Freetype	2.3.7	All	All	All
Application	Freetype	Freetype	2.3.8	All	All	All
Application	Freetype	Freetype	2.3.9	All	All	All
Application	Freetype	Freetype	2.4.0	All	All	All
Application	Freetype	Freetype	2.4.1	All	All	All
Application	Freetype	Freetype	2.4.2	All	All	All
Application	Freetype	Freetype	2.4.3	All	All	All
Application	Freetype	Freetype	2.4.4	All	All	All
Application	Freetype	Freetype	2.4.5	All	All	All

Application	Freetype	Freetype	2.4.6	All	All	All
Application	Freetype	Freetype	2.4.7	All	All	All
Application	Freetype	Freetype	2.4.8	All	All	All
Application	Freetype	Freetype	2.4.9	All	All	All
Application	Freetype	Freetype	All	All	All	All
cpe:2.3:a:freetype:freetype:1.3.1:****:****:						
cpe:2.3:a:freetype:freetype:2.0.0:****:****:						
cpe:2.3:a:freetype:freetype:2.0.1:****:****:						
cpe:2.3:a:freetype:freetype:2.0.2:****:****:						
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cpe:2.3:a:freetype:freetype:2.3.8:*****:

cpe:2.3:a:freetype:freetype:2.3.9:*****:
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cpe:2.3:a:freetype:freetype:2.4.6:*****:
cpe:2.3:a:freetype:freetype:2.4.7:*****:
cpe:2.3:a:freetype:freetype:2.4.8:*****:
cpe:2.3:a:freetype:freetype:2.4.9:*****:
cpe:2.3:a:freetype:freetype:*****:

No vendor comments have been submitted for this CVE

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