



CVE-2010-1797

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

Summary

CVE	CVE-2010-1797
State	PUBLIC
Assigner	product-security@apple.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-08-16 18:39:00 UTC
Updated	2021-05-23 00:52:00 UTC
Description	Multiple stack-based buffer overflows in the cff_decoder_parse_charstrings function in the CFF Type2 CharStrings interpreter

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Apple	Iphone Os	1.0.0	All	All	All
Operating System	Apple	Iphone Os	1.0.0	-	iphone	All
Operating System	Apple	Iphone Os	1.0.1	All	All	All
Operating System	Apple	Iphone Os	1.0.1	-	iphone	All
Operating System	Apple	Iphone Os	1.0.2	All	All	All
Operating System	Apple	Iphone Os	1.0.2	-	iphone	All
Operating System	Apple	Iphone Os	1.1.0	All	All	All
Operating System	Apple	Iphone Os	1.1.0	-	iphone	All
Operating System	Apple	Iphone Os	1.1.0	-	ipodtouch	All
Operating System	Apple	Iphone Os	1.1.1	All	All	All
Operating System	Apple	Iphone Os	1.1.1	-	iphone	All
Operating System	Apple	Iphone Os	1.1.2	All	All	All
Operating System	Apple	Iphone Os	1.1.2	-	iphone	All
Operating System	Apple	Iphone Os	1.1.2	-	ipodtouch	All
Operating System	Apple	Iphone Os	1.1.3	All	All	All
Operating System	Apple	Iphone Os	1.1.3	-	iphone	All
Operating System	Apple	Iphone Os	1.1.3	-	ipodtouch	All

Operating System	Apple	Iphone Os	1.1.4	All	All	All
Operating System	Apple	Iphone Os	1.1.4	-	iphone	All
Operating System	Apple	Iphone Os	1.1.4	-	ipodtouch	All
Operating System	Apple	Iphone Os	1.1.5	All	All	All
Operating System	Apple	Iphone Os	1.1.5	-	iphone	All
Operating System	Apple	Iphone Os	1.1.5	-	ipodtouch	All
Operating System	Apple	Iphone Os	2.0	All	All	All
Operating System	Apple	Iphone Os	2.0.0	All	All	All
Operating System	Apple	Iphone Os	2.0.0	-	iphone	All
Operating System	Apple	Iphone Os	2.0.0	-	ipodtouch	All
Operating System	Apple	Iphone Os	2.0.1	All	All	All
Operating System	Apple	Iphone Os	2.0.1	-	iphone	All
Operating System	Apple	Iphone Os	2.0.1	-	ipodtouch	All
Operating System	Apple	Iphone Os	2.0.2	All	All	All
Operating System	Apple	Iphone Os	2.0.2	-	iphone	All
Operating System	Apple	Iphone Os	2.0.2	-	ipodtouch	All
Operating System	Apple	Iphone Os	2.1	All	All	All
Operating System	Apple	Iphone Os	2.1	-	iphone	All
Operating System	Apple	Iphone Os	2.1	-	ipodtouch	All
Operating System	Apple	Iphone Os	2.1.1	All	All	All
Operating System	Apple	Iphone Os	2.2	All	All	All
Operating System	Apple	Iphone Os	2.2	-	iphone	All
Operating System	Apple	Iphone Os	2.2.1	All	All	All
Operating System	Apple	Iphone Os	2.2.1	-	iphone	All
Operating System	Apple	Iphone Os	2.2.1	-	ipodtouch	All
Operating System	Apple	Iphone Os	3.0	All	All	All
Operating System	Apple	Iphone Os	3.0	-	iphone	All
Operating System	Apple	Iphone Os	3.0	-	ipodtouch	All
Operating System	Apple	Iphone Os	3.0.1	All	All	All
Operating System	Apple	Iphone Os	3.0.1	-	ipodtouch	All
Operating System	Apple	Iphone Os	3.1	All	All	All
Operating System	Apple	Iphone Os	3.1	-	iphone	All
Operating System	Apple	Iphone Os	3.1	-	ipodtouch	All
Operating System	Apple	Iphone Os	3.1.2	All	All	All
Operating System	Apple	Iphone Os	3.1.2	-	iphone	All

Operating System	Apple	Iphone Os	3.1.2	-	ipodtouch	All
Operating System	Apple	Iphone Os	3.1.3	All	All	All
Operating System	Apple	Iphone Os	3.1.3	-	iphone	All
Operating System	Apple	Iphone Os	3.2	All	All	All
Operating System	Apple	Iphone Os	3.2	-	iphone	All
Operating System	Apple	Iphone Os	3.2	-	ipodtouch	All
Operating System	Apple	Iphone Os	3.2.1	All	All	All
Operating System	Apple	Iphone Os	3.2.1	-	ipad	All
Operating System	Apple	Iphone Os	4.0	All	All	All
Operating System	Apple	Iphone Os	4.0	-	iphone	All
Operating System	Apple	Iphone Os	4.0	-	ipodtouch	All
Operating System	Apple	Iphone Os	4.0.1	All	All	All
Operating System	Apple	Iphone Os	4.0.1	-	iphone	All
Operating System	Apple	Iphone Os	4.0.1	-	ipodtouch	All
Operating System	Apple	Iphone Os	1.0.0	All	All	All
Operating System	Apple	Iphone Os	1.0.0	-	iphone	All
Operating System	Apple	Iphone Os	1.0.1	All	All	All
Operating System	Apple	Iphone Os	1.0.1	-	iphone	All
Operating System	Apple	Iphone Os	1.0.2	All	All	All
Operating System	Apple	Iphone Os	1.0.2	-	iphone	All
Operating System	Apple	Iphone Os	1.1.0	All	All	All
Operating System	Apple	Iphone Os	1.1.0	-	iphone	All
Operating System	Apple	Iphone Os	1.1.0	-	ipodtouch	All
Operating System	Apple	Iphone Os	1.1.1	All	All	All
Operating System	Apple	Iphone Os	1.1.1	-	iphone	All
Operating System	Apple	Iphone Os	1.1.2	All	All	All
Operating System	Apple	Iphone Os	1.1.2	-	iphone	All
Operating System	Apple	Iphone Os	1.1.2	-	ipodtouch	All
Operating System	Apple	Iphone Os	1.1.3	All	All	All
Operating System	Apple	Iphone Os	1.1.3	-	iphone	All
Operating System	Apple	Iphone Os	1.1.3	-	ipodtouch	All
Operating System	Apple	Iphone Os	1.1.4	All	All	All
Operating System	Apple	Iphone Os	1.1.4	-	iphone	All
Operating System	Apple	Iphone Os	1.1.4	-	ipodtouch	All
Operating System	Apple	Iphone Os	1.1.5	All	All	All
Operating System	Apple	Iphone Os	1.1.5	-	iphone	All
Operating System	Apple	Iphone Os	1.1.5	-	ipodtouch	All

Operating System	Apple	Iphone Os	1.1.5	-	iphone	All
Operating System	Apple	Iphone Os	1.1.5	-	ipodtouch	All
Operating System	Apple	Iphone Os	2.0	All	All	All
Operating System	Apple	Iphone Os	2.0.0	All	All	All
Operating System	Apple	Iphone Os	2.0.0	-	iphone	All
Operating System	Apple	Iphone Os	2.0.0	-	ipodtouch	All
Operating System	Apple	Iphone Os	2.0.1	All	All	All
Operating System	Apple	Iphone Os	2.0.1	-	iphone	All
Operating System	Apple	Iphone Os	2.0.1	-	ipodtouch	All
Operating System	Apple	Iphone Os	2.0.2	All	All	All
Operating System	Apple	Iphone Os	2.0.2	-	iphone	All
Operating System	Apple	Iphone Os	2.0.2	-	ipodtouch	All
Operating System	Apple	Iphone Os	2.1	All	All	All
Operating System	Apple	Iphone Os	2.1	-	iphone	All
Operating System	Apple	Iphone Os	2.1	-	ipodtouch	All
Operating System	Apple	Iphone Os	2.1.1	All	All	All
Operating System	Apple	Iphone Os	2.2	All	All	All
Operating System	Apple	Iphone Os	2.2	-	iphone	All
Operating System	Apple	Iphone Os	2.2.1	All	All	All
Operating System	Apple	Iphone Os	2.2.1	-	iphone	All
Operating System	Apple	Iphone Os	2.2.1	-	ipodtouch	All
Operating System	Apple	Iphone Os	3.0	All	All	All
Operating System	Apple	Iphone Os	3.0	-	iphone	All
Operating System	Apple	Iphone Os	3.0	-	ipodtouch	All
Operating System	Apple	Iphone Os	3.0.1	All	All	All
Operating System	Apple	Iphone Os	3.0.1	-	ipodtouch	All
Operating System	Apple	Iphone Os	3.1	All	All	All
Operating System	Apple	Iphone Os	3.1	-	iphone	All
Operating System	Apple	Iphone Os	3.1	-	ipodtouch	All
Operating System	Apple	Iphone Os	3.1.2	All	All	All
Operating System	Apple	Iphone Os	3.1.2	-	iphone	All
Operating System	Apple	Iphone Os	3.1.2	-	ipodtouch	All
Operating System	Apple	Iphone Os	3.1.3	All	All	All
Operating System	Apple	Iphone Os	3.1.3	-	iphone	All
Operating System	Apple	Iphone Os	3.2	All	All	All
Operating System	Apple	Iphone Os	3.2	-	iphone	All

Operating System	Apple	Iphone Os	3.2	-	ipodtouch	All
Operating System	Apple	Iphone Os	3.2.1	All	All	All
Operating System	Apple	Iphone Os	3.2.1	-	ipad	All
Operating System	Apple	Iphone Os	4.0	All	All	All
Operating System	Apple	Iphone Os	4.0	-	iphone	All
Operating System	Apple	Iphone Os	4.0	-	ipodtouch	All
Operating System	Apple	Iphone Os	4.0.1	All	All	All
Operating System	Apple	Iphone Os	4.0.1	-	iphone	All
Operating System	Apple	Iphone Os	4.0.1	-	ipodtouch	All

References						
Reference				Source	Link	
Apple iOS for iPhone/iPad/iPod touch Privilege Escalation Vulnerability				BID	www.securityfocus.cc	
About the security content of the iOS 4.0.2 Update for iPhone and iPod touch				CONFIRM	support.apple.com	
freetype/freetype2.git - The FreeType 2 library				CONFIRM	git.savannah.gnu.org	
APPLE-SA-2010-08-11-1 iOS 4.0.2 Update for iPhone and iPod touch				APPLE	lists.apple.com	
Security Advisory SA48951 - SUSE update for freetype2 - Secunia				SECUNIA	secunia.com	
Ubuntu update for freetype - Advisories - Community				SECUNIA	secunia.com	
FreeType Multiple Vulnerabilities - Advisories - Community				SECUNIA	secunia.com	
The FreeType Project				CONFIRM	freetype.sourceforge.	
freetype/freetype2.git - The FreeType 2 library				CONFIRM	git.savannah.gnu.org	
About the security content of the iOS 3.2.2 Update for iPad				CONFIRM	support.apple.com	
Apple iOS pdf Jailbreak Exploit				EXPLOIT-DB	www.exploit-db.com	
IBM X-Force Exchange				XF	exchange.xforce.ibmcl	
USN-972-1: FreeType vulnerabilities Ubuntu				UBUNTU	www.ubuntu.com	
66828				OSVDB	osvdb.org	
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH				VUPEN	www.vupen.com	
JailbreakMe 2.0 Uses PDF Exploit - F-Secure Weblog : News from the Lab				MISC	www.f-secure.com	
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH				VUPEN	www.vupen.com	
Bug 621144 – CVE-2010-1797 FreeType: Multiple stack overflows by processing CFF opcodes				CONFIRM	bugzilla.redhat.com	
APPLE-SA-2010-08-11-2 iOS 3.2.2 Update for iPad				APPLE	lists.apple.com	
Bug #617019 "FreeType security fixes in 2.4.2" : Maverick (10.10) : Bugs : freetype package : Ubuntu				CONFIRM	bugs.launchpad.net	
Apple iOS CFF Font Parsing and IOSurface Integer Overflow - Advisories - Community				SECUNIA	secunia.com	
Browse The FreeType Project Files on SourceForge.net				CONFIRM	sourceforge.net	
CVE Program record				CVE.ORG	www.cve.org	
NVD vulnerability detail				NVD	nvd.nist.gov	

No vendor comments have been submitted for this CVE.

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

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