



# CVE-2010-2807

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

## Summary

|                        |                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2010-2807                                                                                                            |
| <b>State</b>           | PUBLIC                                                                                                                   |
| <b>Assigner</b>        | secalert@redhat.com                                                                                                      |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                             |
| <b>Published</b>       | 2010-08-19 18:00:00 UTC                                                                                                  |
| <b>Updated</b>         | 2021-04-06 12:53:00 UTC                                                                                                  |
| <b>Description</b>     | FreeType before 2.4.2 uses incorrect integer data types during bounds checking, which allows remote attackers to cause a |

## Risk And Classification

### Problem Types: CWE-681

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                    | Product                      | Version | Update | Edition | Language |
|------------------|---------------------------|------------------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Apple</a>     | <a href="#">Iphone Os</a>    | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a>     | <a href="#">Mac Os X</a>     | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a>     | <a href="#">TvOs</a>         | All     | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 10.04   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 6.06    | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 8.04    | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 9.04    | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 9.10    | All    | All     | All      |
| Application      | <a href="#">Freetype</a>  | <a href="#">Freetype</a>     | All     | All    | All     | All      |
| Application      | <a href="#">Freetype</a>  | <a href="#">Freetype</a>     | 1.3.1   | All    | All     | All      |
| Application      | <a href="#">Freetype</a>  | <a href="#">Freetype</a>     | 2.0.6   | All    | All     | All      |
| Application      | <a href="#">Freetype</a>  | <a href="#">Freetype</a>     | 2.0.9   | All    | All     | All      |
| Application      | <a href="#">Freetype</a>  | <a href="#">Freetype</a>     | 2.1     | All    | All     | All      |
| Application      | <a href="#">Freetype</a>  | <a href="#">Freetype</a>     | 2.1.10  | All    | All     | All      |
| Application      | <a href="#">Freetype</a>  | <a href="#">Freetype</a>     | 2.1.3   | All    | All     | All      |
| Application      | <a href="#">Freetype</a>  | <a href="#">Freetype</a>     | 2.1.4   | All    | All     | All      |
| Application      | <a href="#">Freetype</a>  | <a href="#">Freetype</a>     | 2.1.5   | All    | All     | All      |

| Application |          |          |        |     |     |     |
|-------------|----------|----------|--------|-----|-----|-----|
| 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 | 2.1.9  | All | All | All |
| Application | Freetype | Freetype | 2.2.0  | All | All | All |
| Application | Freetype | Freetype | 2.2.1  | All | All | All |
| Application | Freetype | Freetype | 2.2.10 | 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 | 1.3.1  | All | All | All |
| Application | Freetype | Freetype | 2.0.6  | 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 | 2.1.9  | All | All | All |
| Application | Freetype | Freetype | 2.2.0  | All | All | All |
| Application | Freetype | Freetype | 2.2.1  | All | All | All |

|             |                          |                          |        |     |     |     |
|-------------|--------------------------|--------------------------|--------|-----|-----|-----|
| Application | <a href="#">Freetype</a> | <a href="#">Freetype</a> | 2.2.10 | All | All | All |
| Application | <a href="#">Freetype</a> | <a href="#">Freetype</a> | 2.3.0  | All | All | All |
| Application | <a href="#">Freetype</a> | <a href="#">Freetype</a> | 2.3.1  | All | All | All |
| Application | <a href="#">Freetype</a> | <a href="#">Freetype</a> | 2.3.10 | All | All | All |
| Application | <a href="#">Freetype</a> | <a href="#">Freetype</a> | 2.3.11 | All | All | All |
| Application | <a href="#">Freetype</a> | <a href="#">Freetype</a> | 2.3.12 | All | All | All |
| Application | <a href="#">Freetype</a> | <a href="#">Freetype</a> | 2.3.2  | All | All | All |
| Application | <a href="#">Freetype</a> | <a href="#">Freetype</a> | 2.3.3  | All | All | All |
| Application | <a href="#">Freetype</a> | <a href="#">Freetype</a> | 2.3.4  | All | All | All |
| Application | <a href="#">Freetype</a> | <a href="#">Freetype</a> | 2.3.5  | All | All | All |
| Application | <a href="#">Freetype</a> | <a href="#">Freetype</a> | 2.3.6  | All | All | All |
| Application | <a href="#">Freetype</a> | <a href="#">Freetype</a> | 2.3.7  | All | All | All |
| Application | <a href="#">Freetype</a> | <a href="#">Freetype</a> | 2.3.8  | All | All | All |
| Application | <a href="#">Freetype</a> | <a href="#">Freetype</a> | 2.3.9  | All | All | All |
| Application | <a href="#">Freetype</a> | <a href="#">Freetype</a> | 2.4.0  | All | All | All |
| Application | <a href="#">Freetype</a> | <a href="#">Freetype</a> | All    | All | All | All |

| References                                                               |  |  |  |         |                                          |  |
|--------------------------------------------------------------------------|--|--|--|---------|------------------------------------------|--|
| Reference                                                                |  |  |  | Source  | Link                                     |  |
| 'Re: [oss-security] CVE Request -- FreeType -- Memory corruption' - MARC |  |  |  | MLIST   | <a href="#">marc.info</a>                |  |
| APPLE-SA-2010-11-10-1 Mac OS X v10.6.5 and Security Update 2010-007      |  |  |  | APPLE   | <a href="#">lists.apple.com</a>          |  |
| Apple iOS Multiple Vulnerabilities - Advisories - Community              |  |  |  | SECUNIA | <a href="#">secunia.com</a>              |  |
| Ubuntu update for freetype - Advisories - Community                      |  |  |  | SECUNIA | <a href="#">secunia.com</a>              |  |
| FreeType Multiple Vulnerabilities - Advisories - Community               |  |  |  | SECUNIA | <a href="#">secunia.com</a>              |  |
| The FreeType Project                                                     |  |  |  | CONFIRM | <a href="#">freetype.sourceforge.net</a> |  |
| About the security content of Apple TV software update 4.1               |  |  |  | CONFIRM | <a href="#">support.apple.com</a>        |  |
| Webmail : Solution de messagerie professionnelle - OVHcloud- OVH         |  |  |  | VUPEN   | <a href="#">www.vupen.com</a>            |  |
| Malformed Request                                                        |  |  |  | BID     | <a href="#">www.securityfocus.com</a>    |  |
| USN-972-1: FreeType vulnerabilities   Ubuntu                             |  |  |  | UBUNTU  | <a href="#">www.ubuntu.com</a>           |  |
| Webmail : Solution de messagerie professionnelle - OVHcloud- OVH         |  |  |  | VUPEN   | <a href="#">www.vupen.com</a>            |  |
| Webmail : Solution de messagerie professionnelle - OVHcloud- OVH         |  |  |  | VUPEN   | <a href="#">www.vupen.com</a>            |  |
| The FreeType Project - Bugs: bug #30657, Crash - SIGSEGV -... [Savannah] |  |  |  | CONFIRM | <a href="#">savannah.nongnu.org</a>      |  |
| freetype/freetype2.git - The FreeType 2 library                          |  |  |  | CONFIRM | <a href="#">git.savannah.gnu.org</a>     |  |
| Apple TV Multiple Vulnerabilities - Advisories - Community               |  |  |  | SECUNIA | <a href="#">secunia.com</a>              |  |
| Webmail : Solution de messagerie professionnelle - OVHcloud- OVH         |  |  |  | VUPEN   | <a href="#">www.vupen.com</a>            |  |
| About the security content of iOS 4.2                                    |  |  |  | CONFIRM | <a href="#">support.apple.com</a>        |  |

|                                                                                                      |         |                                                             |
|------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------|
| Bug #617019 "FreeType security fixes in 2.4.2" : Maverick (10.10) : Bugs : freetype package : Ubuntu | CONFIRM | <a href="https://bugs.launchpad.net">bugs.launchpad.net</a> |
| APPLE-SA-2010-11-22-1 iOS 4.2                                                                        | APPLE   | <a href="https://lists.apple.com">lists.apple.com</a>       |
| Browse The FreeType Project Files on SourceForge.net                                                 | CONFIRM | <a href="https://sourceforge.net">sourceforge.net</a>       |
| About the security content of Mac OS X v10.6.5 and Security Update 2010-007                          | CONFIRM | <a href="https://support.apple.com">support.apple.com</a>   |
| CVE Program record                                                                                   | CVE.ORG | <a href="https://www.cve.org">www.cve.org</a>               |
| NVD vulnerability detail                                                                             | NVD     | <a href="https://nvd.nist.gov">nvd.nist.gov</a>             |

No vendor comments have been submitted for this CVE.

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

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