

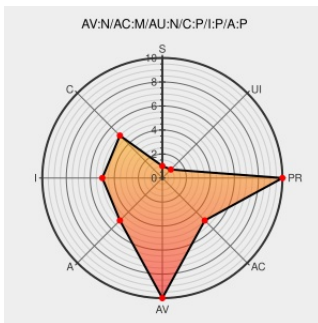


CVE-2011-3945

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CVE-2011-3945

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

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

The `decode_frame` function in the KVG1 decoder (`kgv1dec.c`) in `libavcodec` in FFmpeg 0.7.x before 0.7.12 and 0.8.x before 0.8.11, and in Libav 0.5.x before 0.5.9, 0.6.x before 0.6.6, 0.7.x before 0.7.5, and 0.8.x before 0.8.1, allows remote attackers to cause a denial of service (crash) and possibly execute arbitrary code via a crafted media file.

CVE-2011-3945 has been assigned by security@google.com to track the vulnerability

CVSS2 Score: **6.8 - MEDIUM**

Access
Vector

NETWORK

Access
Complexity

MEDIUM

Authentication

NONE

Confidentiality
Impact

PARTIAL

Integrity
Impact

PARTIAL

Availability
Impact

PARTIAL

CVE References

Description

Tags

Link

Libav

[libav.org](#)
[text/html](#)

[CONFIRM libav.org/](#)

FFmpeg

[ffmpeg.org](#)
[text/html](#)

[CONFIRM ffmpeg.org/](#)

git.videolan.org Git - ffmpeg.git/commit

[Patch](#)
[git.videolan.org](#)
[text/xml](#)

[CONFIRM git.videolan.org/?p=ffmpeg.git;a=commit;h=807a045ab7f51993a2c1b3116016cbbd4f3d20d6](#)

git.libav.org Git - libav.git/commit

[Patch](#)
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[text/xml](#)

[CONFIRM git.libav.org/?p=libav.git;a=commit;h=a02e8df973f5478ec82f4c507f5b5b191a5ecb6b](#)

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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	Ffmpeg	Ffmpeg	0.7	All	All	All
Application	Ffmpeg	Ffmpeg	0.7.1	All	All	All
Application	Ffmpeg	Ffmpeg	0.7.11	All	All	All
Application	Ffmpeg	Ffmpeg	0.7.2	All	All	All
Application	Ffmpeg	Ffmpeg	0.7.3	All	All	All
Application	Ffmpeg	Ffmpeg	0.7.6	All	All	All
Application	Ffmpeg	Ffmpeg	0.7.7	All	All	All
Application	Ffmpeg	Ffmpeg	0.7.8	All	All	All
Application	Ffmpeg	Ffmpeg	0.7.9	All	All	All
Application	Ffmpeg	Ffmpeg	0.8.0	All	All	All
Application	Ffmpeg	Ffmpeg	0.8.1	All	All	All
Application	Ffmpeg	Ffmpeg	0.8.10	All	All	All
Application	Ffmpeg	Ffmpeg	0.8.2	All	All	All
Application	Ffmpeg	Ffmpeg	0.8.5	All	All	All
Application	Ffmpeg	Ffmpeg	0.8.6	All	All	All
Application	Ffmpeg	Ffmpeg	0.8.7	All	All	All
Application	Ffmpeg	Ffmpeg	0.8.8	All	All	All
Application	Ffmpeg	Ffmpeg	0.7	All	All	All
Application	Ffmpeg	Ffmpeg	0.7.1	All	All	All
Application	Ffmpeg	Ffmpeg	0.7.11	All	All	All
Application	Ffmpeg	Ffmpeg	0.7.2	All	All	All
Application	Ffmpeg	Ffmpeg	0.7.3	All	All	All
Application	Ffmpeg	Ffmpeg	0.7.6	All	All	All
Application	Ffmpeg	Ffmpeg	0.7.7	All	All	All
Application	Ffmpeg	Ffmpeg	0.7.8	All	All	All
Application	Ffmpeg	Ffmpeg	0.7.9	All	All	All
Application	Ffmpeg	Ffmpeg	0.8.0	All	All	All

Application	Ffmpeg	Ffmpeg	0.8.1	All	All	All
Application	Ffmpeg	Ffmpeg	0.8.10	All	All	All
Application	Ffmpeg	Ffmpeg	0.8.2	All	All	All
Application	Ffmpeg	Ffmpeg	0.8.5	All	All	All
Application	Ffmpeg	Ffmpeg	0.8.6	All	All	All
Application	Ffmpeg	Ffmpeg	0.8.7	All	All	All
Application	Ffmpeg	Ffmpeg	0.8.8	All	All	All
Application	Libav	Libav	0.5	All	All	All
Application	Libav	Libav	0.5.1	All	All	All
Application	Libav	Libav	0.5.2	All	All	All
Application	Libav	Libav	0.5.3	All	All	All
Application	Libav	Libav	0.5.4	All	All	All
Application	Libav	Libav	0.5.5	All	All	All
Application	Libav	Libav	0.5.6	All	All	All
Application	Libav	Libav	0.5.7	All	All	All
Application	Libav	Libav	0.6	All	All	All
Application	Libav	Libav	0.6.1	All	All	All
Application	Libav	Libav	0.6.2	All	All	All
Application	Libav	Libav	0.6.3	All	All	All
Application	Libav	Libav	0.6.4	All	All	All
Application	Libav	Libav	0.6.5	All	All	All
Application	Libav	Libav	0.7	All	All	All
Application	Libav	Libav	0.7	beta1	All	All
Application	Libav	Libav	0.7	beta2	All	All
Application	Libav	Libav	0.7.1	All	All	All
Application	Libav	Libav	0.7.2	All	All	All
Application	Libav	Libav	0.7.3	All	All	All
Application	Libav	Libav	0.7.4	All	All	All
Application	Libav	Libav	0.8	All	All	All
Application	Libav	Libav	0.8	beta2	All	All
Application	Libav	Libav	0.5	All	All	All
Application	Libav	Libav	0.5.1	All	All	All
Application	Libav	Libav	0.5.2	All	All	All
Application	Libav	Libav	0.5.3	All	All	All
Application	Libav	Libav	0.5.4	All	All	All

Application	Libav	Libav	0.5.5	All	All	All
Application	Libav	Libav	0.5.6	All	All	All
Application	Libav	Libav	0.5.7	All	All	All
Application	Libav	Libav	0.6	All	All	All
Application	Libav	Libav	0.6.1	All	All	All
Application	Libav	Libav	0.6.2	All	All	All
Application	Libav	Libav	0.6.3	All	All	All
Application	Libav	Libav	0.6.4	All	All	All
Application	Libav	Libav	0.6.5	All	All	All
Application	Libav	Libav	0.7	All	All	All
Application	Libav	Libav	0.7	beta1	All	All
Application	Libav	Libav	0.7	beta2	All	All
Application	Libav	Libav	0.7.1	All	All	All
Application	Libav	Libav	0.7.2	All	All	All
Application	Libav	Libav	0.7.3	All	All	All
Application	Libav	Libav	0.7.4	All	All	All
Application	Libav	Libav	0.8	All	All	All
Application	Libav	Libav	0.8	beta2	All	All
cpe:2.3:a:ffmpeg:ffmpeg:0.7:*:*:*:*:*:						
cpe:2.3:a:ffmpeg:ffmpeg:0.7.1:*:*:*:*:*:						
cpe:2.3:a:ffmpeg:ffmpeg:0.7.11:*:*:*:*:*:						
cpe:2.3:a:ffmpeg:ffmpeg:0.7.2:*:*:*:*:*:						
cpe:2.3:a:ffmpeg:ffmpeg:0.7.3:*:*:*:*:*:						
cpe:2.3:a:ffmpeg:ffmpeg:0.7.6:*:*:*:*:*:						
cpe:2.3:a:ffmpeg:ffmpeg:0.7.7:*:*:*:*:*:						
cpe:2.3:a:ffmpeg:ffmpeg:0.7.8:*:*:*:*:*:						
cpe:2.3:a:ffmpeg:ffmpeg:0.7.9:*:*:*:*:*:						
cpe:2.3:a:ffmpeg:ffmpeg:0.8.0:*:*:*:*:*:						
cpe:2.3:a:ffmpeg:ffmpeg:0.8.1:*:*:*:*:*:						
cpe:2.3:a:ffmpeg:ffmpeg:0.8.10:*:*:*:*:*:						
cpe:2.3:a:ffmpeg:ffmpeg:0.8.2:*:*:*:*:*:						
cpe:2.3:a:ffmpeg:ffmpeg:0.8.5:*:*:*:*:*:						

```
cpe:2.3:a:ffmpeg:ffmpeg:0.8.6:*:*:*:*:*:*:
```

```
cpe:2.3:a:ffmpeg:ffmpeg:0.8.7:*:*:*:*:*:*:
```

```
cpe:2.3:a:ffmpeg:ffmpeg:0.8.8:*:*:*:*:*:*:
```

```
cpe:2.3:a:ffmpeg:ffmpeg:0.7:*:*:*:*:*:*:
```

```
cpe:2.3:a:ffmpeg:ffmpeg:0.7.1:.*:.*:.*:.*:.*:.*:.*
```

```
cpe:2.3:a:ffmpeg:ffmpeg:0.7.11:*:*:*:*:*:*:
```

```
cpe:2.3:a:ffmpeg:ffmpeg:0.7.2:*:*:*:*:*:*:
```

```
cpe:2.3:a:ffmpeg:ffmpeg:0.7.3:*:*:*:*:*:*:
```

```
cpe:2.3:a:ffmpeg:ffmpeg:0.7.6:*:*:*:*:*:*:
```

```
cpe:2.3:a:ffmpeg:ffmpeg:0.7.7:*:*:*:*:*:*:
```

```
cpe:2.3:a:ffmpeg:ffmpeg:0.7.8:*:*:*:*:*:*:
```

```
cpe:2.3:a:ffmpeg:ffmpeg:0.7.9:*:*:*:*:*:*:
```

```
cpe:2.3:a:ffmpeg:ffmpeg:0.8.0:*:*:*:*:*:*:
```

```
cpe:2.3:a:ffmpeg:ffmpeg:0.8.1:*:*:*:*:*:*:
```

```
cpe:2.3:a:ffmpeg:ffmpeg:0.8.10:*:*:*:*:*:*:
```

```
cpe:2.3:a:ffmpeg:ffmpeg:0.8.2:*:*:*:*:*:*:
```

```
cpe:2.3:a:ffmpeg:ffmpeg:0.8.5:*:*:*:*:*:*:
```

```
cpe:2.3:a:ffmpeg:ffmpeg:0.8.6:*:*:*:*:*:*:
```

```
cpe:2.3:a:ffmpeg:ffmpeg:0.8.7:*:*:*:*:*:*:
```

```
cpe:2.3:a:ffmpeg:ffmpeg:0.8.8:*:*:*:*:*:*:
```

```
cpe:2.3:a:libav:libav:0.5:*:*:*:*:*:*:
```

```
cpe:2.3:a:libav:libav:0.5.1:.*:.*:.*:.*:.*:.*:.*
```

```
cpe:2.3:a:libav:libav:0.5.2:*:*:*:*:*:*:
```

```
cpe:2.3:a:libav:libav:0.5.3:*:*:*:*:*:*:
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```
cpe:2.3:a:libav:libav:0.5.4:*:*:*:*:*:*
```

```
cpe:2.3:a:libav:libav:0.5.5:*:*:*:*:*:*:
```

```
cpe:2.3:a:libav:libav:0.5.6:*:*:*:*:*:*:
```

```
cpe:2.3:a:libav:libav:0.5.7:*:*:*:*:*:*:
```

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cne:2.3:a:libav:libav:0.6:*.***.***.***.
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cpe:2.3:a:libav:libav:0.6.1:*****:
cpe:2.3:a:libav:libav:0.6.2:*****:
cpe:2.3:a:libav:libav:0.6.3:*****:
cpe:2.3:a:libav:libav:0.6.4:*****:
cpe:2.3:a:libav:libav:0.6.5:*****:
cpe:2.3:a:libav:libav:0.7:*****:
cpe:2.3:a:libav:libav:0.7:beta1:*****:
cpe:2.3:a:libav:libav:0.7:beta2:*****:
cpe:2.3:a:libav:libav:0.7.1:*****:
cpe:2.3:a:libav:libav:0.7.2:*****:
cpe:2.3:a:libav:libav:0.7.3:*****:
cpe:2.3:a:libav:libav:0.7.4:*****:
cpe:2.3:a:libav:libav:0.8:*****:
cpe:2.3:a:libav:libav:0.8:beta2:*****:
cpe:2.3:a:libav:libav:0.5:*****:
cpe:2.3:a:libav:libav:0.5.1:*****:
cpe:2.3:a:libav:libav:0.5.2:*****:
cpe:2.3:a:libav:libav:0.5.3:*****:
cpe:2.3:a:libav:libav:0.5.4:*****:
cpe:2.3:a:libav:libav:0.5.5:*****:
cpe:2.3:a:libav:libav:0.5.6:*****:
cpe:2.3:a:libav:libav:0.5.7:*****:
cpe:2.3:a:libav:libav:0.6:*****:
cpe:2.3:a:libav:libav:0.6.1:*****:
cpe:2.3:a:libav:libav:0.6.2:*****:
cpe:2.3:a:libav:libav:0.6.3:*****:
cpe:2.3:a:libav:libav:0.6.4:*****:
cpe:2.3:a:libav:libav:0.6.5:*****:

cpe:2.3:a:libav:libav:0.7:*:*:*:*:*:
cpe:2.3:a:libav:libav:0.7:beta1:*:*:*:*:
cpe:2.3:a:libav:libav:0.7:beta2:*:*:*:*:
cpe:2.3:a:libav:libav:0.7.1:*:*:*:*:*:
cpe:2.3:a:libav:libav:0.7.2:*:*:*:*:*:
cpe:2.3:a:libav:libav:0.7.3:*:*:*:*:*:
cpe:2.3:a:libav:libav:0.7.4:*:*:*:*:*:
cpe:2.3:a:libav:libav:0.8:*:*:*:*:*:
cpe:2.3:a:libav:libav:0.8:beta2:*:*:*:*:

No vendor comments have been submitted for this CVE

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