

MultimediaFAQ

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| | <i>TITLE :</i> MultimediaFAQ | | |
| <i>ACTION</i> | <i>NAME</i> | <i>DATE</i> | <i>SIGNATURE</i> |
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REVISION HISTORY

| NUMBER | DATE | DESCRIPTION | NAME |
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Chapter 1

MultimediaFAQ

1.1 main

Info about AVI (Windows Video) programs for AMIGA

AVId 0.99995b AVI player

CyberAVI 1.12 AVI player

TapAVI 1.5 AVI player

AVI datatype 1.3 AVI player

XAnim 8 beta AVI player

Table of AVI formats

1.2 avid

AVId

Last version: 0.99995b

Last changes: since 0.99994b (04.I.98)

Added full p96 support

Locations : Aminet aminet/gfx/show/AVId.lha (demo version)

Arch. size : 80 kb

Program type: AVI animations player

Supported Video formats:

Microsoft RGB (RGB) 8/16 bit

Microsoft Video 1 (CRAM) 8/16 bit

Microsoft RLE (RLE) 8 bit

Radius Cinepak (CVID) 24/32 bit

Supported Audio formats:

PCM 8 bit Mono/Stereo

PCM 16 bit Mono/Stereo

Requirements:

Hardware:

- Amiga with OCS/ECS/AGA/P96
- Kickstart 3.0+
- mc68020 or Faster
- around 1 meg of free memory (FAST recommended)

Software:

- reqtools.library v38+

Recommended:

- mc68030/50Mhz 0.5 - 1 MB of fast memory
- fast device >= 1 MB (HDD or 4xSpin CD-ROM)

Output type :

Graphics:

- HAM8
- 18BIT (special 18bit mode)
- GRAY
- STORM (fast & good HAM8)
- Grayscale window (16 color)
- P96 support (8/15-16/24 bit own screen)

Audio:

- audio.device

Author :

Snail:
 László Török (pH03N1x/CDi)
 H-8900 Zalaegerszeg
 Cserfa 31.
 Hungary

Phone:
 +36 92 310 396 (after 18:00 CET)

E-Mail:
 torokl@alpha.dfmk.hu

WWW:

Other:
 IRC - pH03N1x@iRC (#magyar, #amiga or #amigahu channels)

Prog. status: Shareware (15DM, 10\$USD)

Future :

- adding support for ULTI, IV32 compressed avis.. docs/sources are ←
- welcome!
- make p-OS version
- PowerPC version (when a PowerPC assembler compiler will be come out ←
-)
- Full GUI

Other infos :

- asyncio I/O, already small gui, probably fastet player for Amiga,
- Special PicassoIV version (called PIV-AVId) available on the p96
- homepage (that is not limited version)

1.3 cyberavi

CyberAVI

Last version: 1.12

Last changes: since 1.11 (16.IX.97)

fixed: bug when there is one long audio sample, endless audio
 playback for one-sample-animations in loop mode

new : now handles wrong audio headers, YUV2 (2:1:1) Component Video ←
 and YUV9 16bits , YUV12 Planar MPEG video, CMAP option, SCREENMODEID option
 opt. : inproved recog. of truncated files,
 Locations : Aminet aminet/gfx/show/CyberAVI.lha
 filerequest at Blind Guardian BBS. Just request "CyberAVI.lha" at ←
 one
 of the following lines:
 Line 1: 38400 - 64000 Elink 310 +49-5742-920340 (2:2432/231.0)
 Line 2: 2400 - 28800 Elsa TQV +49-5742-920341 (2:2432/230.0)
 Line 3: 2400 - 19200 ZyXEL EG+ +49-5742-920342 (2:2432/232.0)

Arch. size : 200 kb
 Program type: AVI animations player
 Supported Video formats:
 Microsoft Video 1 (CRAM) 8/16 bit
 Radius CinePak (CVID) 8/16/24/32 bit (8 bit is gray)
 Microsoft RGB (RGB) 4/8/16/24/32 bit
 Microsoft RLE8 (RLE8) 8 bit
 IBM Ultimotion (ULTI) 16 bit
 Component Video (YUV2) 16/24/32 bit
 Intel Raw (YUV9) 16/24/32 bit
 Planar MPEG (YV12) 12/16/24/32 bit
 JFIF JPEG (JPEG) 8/24 bit (8 bit is gray)
 Motion JPEG <MJPG) 8/24 bit (8 bit is gray)

Supported Audio formats:
 PCM 8 bit Mono/Stereo
 PCM 16 bit Mono/Stereo
 MS ADPCM 4 bit Mono/Stereo (it's 16 bit in did)
 DVI ADPCM 4 bit Mono/Stereo (it's 16 bit in did)

Requirements:
 Hardware:
 - Amiga with AmigaOS 3.0 (V39)
 - MC68020
 - AGA or GFX board like CV64, PicassoII, Retina etc.
 - 2MB of fast and 512 of chip memory
 Software:
 - CyberGraphX 2.21 or higher (if you use board)
 - asyncio.library 39 (included in archive)
 Recommended:
 - Amiga with AmigaOS 3.1 (V40)
 - MC68040/25Mhz or more ;)
 - GFX board with CyberGraphX 2.21+

Output type :
 Graphics:
 - HAM8
 - GRAY
 - 256c (AGA)
 - DITHER (dithering ordered)
 - CGFX
 Audio:
 - audio.device

Author :
 Snail:
 Thore Böckelmann
 Entgelhof 11
 D-32278 Kirchlengern

Germany

Thore Böckelmann
 Stephanusstraße 82
 D-33098 Paderborn
 Germany

Phone:

+49-5251-730837 (Paderborn)
 +49-5744-1309 and +49-5744-1323 (Kirchlengern)

E-Mail:

tboeckel@uni-paderborn.de
 tboeckel@guardian.fido.de

WWW:

Other:

FidoNet : 2:2432/230.15
 AmigaNet: 39:170/410.15

Prog. status: Freeware

Future :

If you have specifications or animation in one of the format listed below please contact with author

- RLE4 (Microsoft RLE4)
- XMPG (Editable MPEG)
- IJPG (Intergraph JPEG)
- CYUV (Creative Technology CYUV)
- IV32 (Intel Indeo) ! Do not send animations in this format !

Other infos :

supports most avi encodings (only XAnim is better ;)), I/O asyncio ←
 ,
 can resize anims (on CGFX), you can preload audio to ram if you ←
 wish,
 can resample sounds if there is no proper screen to play 27 > Khz

1.4 tapavi

TapAVI

Last version: 1.5

Last changes: since 1.4 (04.I.98)

Locations : Aminet aminet/gfx/show/tapavi15.lha

Arch. size : 21 kb

Program type: AVI animations player

Supported Video formats:

| | | |
|-------------------|--------|----------|
| Microsoft RGB | (RGB) | 8 bit |
| Microsoft Video 1 | (CRAM) | 8/16 bit |

Supported Audio formats:

| | | |
|-----|--------|-------------|
| PCM | 8 bit | Mono/Stereo |
| PCM | 16 bit | Mono/Stereo |

Requirements:

Hardware:

- Amiga with PicassoII (v1.2 and lower can use AGA)
- Kickstart 2.0+
- mc68020 ot Faster

Software:

```

    ---
    Recommended:
    ---
Output type :
    Graphics:
    - Picasso II (or in 1.2 AGA COLOUR - 256c)
    Audio:
    - audio.device
Author      :
    ----- PROJECT CANCELED -----
    Author have sold Amiga with only sources on it (now have PC)
    Snail:
    ---
    Phone:
    ---
    E-Mail:
    ---
    WWW:
    ---
    Other:
    ---
Prog. status: Freeware
Future      :
    ----- PROJECT CANCELED -----
Other infos :

```

1.5 avidt

AVI datatypes

```

Last version: 1.3
Last changes: --
Locations    : NOT AVAIABLE for public YET
Arch. size   : NOT AVAIABLE for public YET
Program type: AVI animations player
Supported Video formats:
    Microsoft RGB      (RGB)      4/8/16/24 bit
    Microsoft Video 1  (CRAM)     8/16 bit
    Microsoft RLE      (RLE)      8 bit
    Creative            (CYUV)    16 bit
Supported Audio formats:
    ---

```

```

Requirements:
    Hardware:
    - Amiga with OCS/ECS/AGA/P96
    - Kickstart 3.0+
    - mc68020 ot Faster
    Software:
    - datatypes.library (and all stuff for it)
    Recommended:
    - mc68030/50Mhz

```

```

Output type :
    Graphics:
    - color (depend on window depth)
    - ham6/ham8

```



```

Audio:
  - audio.device
Author  :
  Snail:
    Roland Mainz
  Phone:
    ---
  E-Mail:
    GISBURN@W-SPECHT.rhein-ruhr.de
  WWW:
    ---
  Other:
    ---
Prog. status: Freeware
Future      :
  Still under developpe
Other infos :
  I hope it will came out ;)

```

1.6 tableavi

| GFX | AVID | CAVI | TAVI | XANIM | MAB | DAVI |
|---------------------------|------|------|------|-------|-----|------|
|Microsoft Video 1 | | | | | | |
| WHAM, CRAM, MSVC 8 bit | + | + | + | + | | + |
| WHAM, CRAM, MSVC 16 bit | + | + | + | + | | + |
|Radius CinePak Color | | | | | | |
| CVID 16 bit | | + | | | | |
| CVID 24 bit | + | + | | + | | |
| CVID 32 bit | + | + | | | | |
|Radius CinePak Gray | | | | | | |
| CVID 8 bit | | + | | | | |
|Microsoft RGB | | | | | | |
| RGB 4 bit | | + | | | | + |
| RGB 8 bit | + | + | + | + | | + |
| RGB 16 bit | + | + | | | | + |
| RGB 24 bit | | + | | + | | + |
| RGB 32 bit | | + | | | | |
|Microsoft RLE | | | | | | |
| RLE4 4 bit | | | | | | |
| RLE8 8 bit | + | + | | + | | + |
|IBM Ultimotion | | | | | | |
| ULTI 16 bit | | + | | + | | |
|Component Video | | | | | | |
| YUV2 16 bit | | + | | | | |
| YUV2 24 bit | | + | | | | |
| YUV2 32 bit | | + | | | | |
|Intel Raw | | | | | | |
| YUV9 16 bit | | + | | | | |
| YUV9 24 bit | | + | | | | |
| YUV9 32 bit | | + | | | | |
|Editable MPEG | | | | | | |
| XMPG 24 bit | | | | + | | |
|YUV12 Planar MPEG | | | | | | |
| YV12 12 bit | | + | | | | |

| | | | | | | | | |
|----------------------------|--------------|--|---|--|---|--|---|--|
| | YV12 16 bit | | + | | | | | |
| | YV12 24 bit | | + | | | | | |
| | YV12 32 bit | | + | | | | | |
| -----+ | | | | | | | | |
|JFIF JPEG | | | | | | | | |
| | JPEG 8 bit | | + | | | | | |
| | JPEG 24 bit | | + | | + | | | |
| -----+ | | | | | | | | |
|Motion JPEG | | | | | | | | |
| | MJPEG 8 bit | | + | | | | | |
| | MJPEG 24 bit | | + | | + | | | |
| -----+ | | | | | | | | |
|Intergraph JPEG | | | | | | | | |
|Intergraph JPEG - IJPG | | | | | | | | |
| -----+ | | | | | | | | |
|Intel Indeo | | | | | | | | |
| | IV31 24 bit | | | | | | | |
| | IV32 24 bit | | | | | | | |
| -----+ | | | | | | | | |
|Creative Technology | | | | | | | | |
| | CYUV 16 bit | | | | | | + | |
| -----+ | | | | | | | | |

| SFX | | AVID | CAVI | TAVI | XANIM | MAB | DAVI |
|--------|---------------------|------|------|------|-------|-----|------|
| -----+ | | | | | | | |
| | PCM 8 bit | MS | MS | M | MS | - | - |
| | PCM 16 bit | MS | MS | M | MS | - | - |
| *OLD | DVI/IMA ADPCM 4 bit | - | MS | - | M | - | - |
| *NEW | DVI/IMA ADPCM 4 bit | - | MS | - | - | - | - |
| | ULAW 8 bit | - | - | - | - | - | - |
| | MS ADCMP 4 bit | - | MS | - | - | - | - |
| -----+ | | | | | | | |

M - mono S - stereo