

AnimationFAQ

COLLABORATORS

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REVISION HISTORY

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Chapter 1

AnimationFAQ

1.1 main

Info about AVI (Windows Video) programs for AMIGA

AVId 0.990 AVI player

CyberAVI 1.9 AVI player

TapAVI 1.3 AVI player

AVI datatype 1.3 AVI player

XAnim 8 beta AVI player

Table of AVI formats

1.2 avid

AVId 0.990

1) Where to get:

- Aminet 18KB aminet/gfx/show/AVId.lha

2) What it can play:

GFX format: HAM8, 18BITS mode (on AGA), GRAY

Video:

Microsoft RGB	(RGB)	8/16 bit
Microsoft Video 1	(CRAM)	8/16 bit
Radius Cinepak	(CVID)	24 bit

Audio:

PCM 8 bit Mono
PCM 16 bit Mono

3) Future:

known bug: bug in the cvid decruncher: unable to play non by 16 dividable width ↔
avis

D - done

Todo:

- D make faster async i/o (because uses buffering at moment, but only synchronized)
multiple file selection (dont so hard to do... ;)
- D Workbench icon start (with tooltypes)
adding 16 bit / stereo audio support
- D make faster/bugfree cvid decruncher (sources are welcome ;)
adding support for ULTI,RLE8,IV32 compressed avis.. docs/sources are welcome!
make p-OS version (when p-OS come out)
PowerPC version (when a PowerPC assembler compiler will be come out)
Akiko/GFXcard support
Floyd-Steinberg dithering for 16/24bit avis (but i need FS dithering docs...)
- D Better ham8 quality

Maybe to do: (when i get many E-mails ;)
ECS support (EHB or 16 grayscale)
An AVI -> CDXL converter
avi.datatype (avi play with multiview ;) YES YES YES !!!!

4) On what machines it works:

hardware requirements:

- Amiga with AGA
- Kickstart 3.0+
- mc68020 ot Faster
- around 1 meg of free memory (FAST recommended)

software requirements:

- reqtools.library v38+

recommended minimum hardware:

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

On 68030/50 MHz able to play almost all of avi files at very enjoyable speed.
(except big 320x240 CVID encoded avis..) ok.. but on the PC need for 320x240 ↔
CVID avis
at least Pentium 90 Mhz or faster.... ;) (on 68040 or 68060 works it ↔
very well
ofcourse)

5) How to contact with author:

If you have any problems, suggestion, bug reports then write to:
(send the registration fee here)

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

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

E-Mail : phoenix@master.fok.hu <- preferred
or: phoenix@fok.hu (i think equal with the previous..)

or: torokl@alpha.dfmk.hu <- work

If you dont get any response after 1-2 weeks please resend you mail, ←
because im too
busy and write 15-30 Emails every day, and maybe i lose your mail....

iRC (not so often..) : pH03N1x@iRC (#magyar, #amiga or #amigahu channels)

U can check my homepage at (a bit old): <http://www.fok.hu/~phoenix>
(maybe dont work, becoz the home volume is fucked up...)

1.3 cyberavi

CyberAVI 1.9

1) Where to get:

- Aminet 76KB [aminet/gfx/show/CyberAVI19.lha](http://aminet.org/gfx/show/CyberAVI19.lha)

- The most recent version of CyberAVI is always available by 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)

2) What it can play:

GFX format: GFX 24, AGA COLOUR, GRAY, HAM8

Video:

Microsoft Video 1	(CRAM)	8/16 bit
Radius CinePak	(CVID)	8/24/32 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

Audio:

PCM	8 bit	Mono/Stereo
PCM	16 bit	Mono/Stereo
MS ADPCM	4 bit	Mono
DVI ADPCM	4 bit	Mono

3) Future:

I am still looking for other encodings. Please contact me if you have an animation with one of the following compressions:
(tboeckel@uni-paderborn.de)

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

4) On what machines it works:

hardware requirements:

- 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 requirements:

- CyberGraphX 2.16 or higher (if you use board)
- asyncio.library 37 (included in archive)

recommended hardware:

- Amiga with AmigaOS 3.1 (V40)
- MC68040/25Mhz or more ;)
- GFX board with CyberGraphX

5) How to contact with author:

Snail mail:

Thore Böckelmann
Entgelhof 11
D-32278 Kirchlengern Tel: +49-5744-1309 and +49-5744-1323
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tboeckel@guardian.fido.de
FidoNet: 2:2432/230.15
AmigaNet: 39:170/410.15

1.4 tapavi

TapAVI 1.3 (i have only this one version)

1) Where to get:

- Aminet 21KB aminet/pub/gfx/tapavi15.lha
but only last version 1.5 (can't use AGA)

2) What it can play:

GFX format: AGA COLOUR, Picasso-II

Video:

- CRAM(8) 8-bit video. A 256-color palette is supplied by the AVI.
- CRAM(16) 16-bit video. TAPAVI uses a fixed 256-color palette, and converts each 0rrrrrrgggggbbbbbb word to a rrrggbbb byte.
- RGB(8) 8-bit video. A 256-color palette is supplied by the AVI.

Audio:

- PCM(8) 8-bit audio. Each byte is an unsigned value.
- PCM(16) 16-bit audio. Each word is a signed value.

3) Future:

----- PROJECT CANCELED -----

4) On what machines it works:

hardware requirements:

- Amiga AGA
- mc68020+
- KS2

software requirements:

- reqtools.library v38+

recommended minimum hardware:

- mc68030+
- KS3 (to use LoadRGB32())

5) How to contact with author:

----- PROJECT CANCELED -----

Last time I was talking with author - he sold Amiga with his sources, so only developing is possible on that Amiga (if somebody still have it ;))

1.5 avidt

1) Where to get:

NOT AVAIABLE for public YET

(you can find perhaps 1.2 version which is only FOR BETATESTERS and shouldn't be spread around)

- Aminet aminet/gfx/show/*.lha

2) What it can play:

```

Microsoft Video 1 (CRAM) depth 8, 16
Creative CYUV (CYUV) depth 16
Uncompressed (RGB ) depth 4
Uncompressed (RGB ) depth 8
Uncompressed (RGB ) depth 16
Uncompressed (RGB ) depth 24
Run length encoded (RLE8) depth 8

```

3) Future:

Still under developpe

4) On what machines it works:

Every 3.0 OS Amiga (that support datatypes)

5) How to contact with author:

Roland Mainz
GISBURN@W-SPECHT.rhein-ruhr.de

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 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						

