

MultimediaFAQ

COLLABORATORS

	<i>TITLE :</i> MultimediaFAQ		
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REVISION HISTORY

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Chapter 1

MultimediaFAQ

1.1 main

Info about QT (Quick Time) programs for AMIGA

QT 1.4 QT player
 CyberQT 1.4 QT player
 XAnim 8 beta QT player
 QTFix 1.1 QT fix
 Table of MOV formats

1.2 qt

QT

Last version: 1.4

Last changes: since 1.3 (23.III.97)

fixed: bug in video timing, recompiled with SAS/C 6.57
 new : audio resampling > 27Khz if no doublescan video mode,
 limited AHI support, on/off audio filter, soundonly
 mode, included "flatten" program

Locations : Aminet aminet/gfx/show/qt14.lha

Arch. size : 255 kb

Program type: QuickTime animations player

Supported Video formats:

Radius CinePak	(CVID)	8/24/32 bit (8 bit is	↔
grayscale-only)			

Apple Animation	(RLE)	1/8/16/24 bit
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Apple Video	(RPZA)	16 bit
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Apple Graphics	(SMC)	8 bit
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Supported Audio formats:

PCM	8 bit	Both mixed in one
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PCM	16 bit	Both mixed in one
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TWOS	8 bit	Both mixed in one
TWOS	16 bit	Both mixed in one
IMA4	16 bit	Left channel
MAC3		Mono
MAC6		Mono

Requirements:

Hardware:

- Amiga with AGA or/and CyberGFX
- Kickstart 3.0+
- mc68020 ot Faster
- a lot of fast memory (it load whole anim to ram)

Software:

Recommended:

- depends on compression format but CGFX strongly recomended

Output type :

Graphics:

- HAM8
- GRAY
- AGA COLOUR (256c)
- DITHER (dithering F&S)
- CyberGFX

Audio:

- audio.device
- AHI V3

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Other:

Prog. status: Freeware

Future :

Mainly a lot of small improvements
More MOV formats
HD reading
Next version will be probably 2.0 (with full GUI)
known bug: sometimes hangs when CTR+C or ESC used

Other infos :

You need memory to load whole QT ;)

1.3 cyberqt

CyberQT

Last version: 1.4

Last changes: since 1.3 (15.IX.97)

fixed: bug with own palette for 8 bit, bug in IMA ADPCM when
freq were >28Khz on not proper screen

new : MACE 3:1 and MACE 6:1 audio, CMAP option, support for
Motion JPEG (MJPA) type A, SCREENMODEID option

opt. :

Locations : Aminet aminet/gfx/show/cyberqt.lha
filerequest at Blind Guardian BBS. Just request "CyberQT.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 : 180 kb

Program type: QuickTime animations player

Supported Video formats:

Radius CinePak	(CVID)	8/16/24/32 bit	(8 bit is ←
grayscale-only)			
Kodak Pohoito CD	(KPCD)	16/24/32 bit	
Microsoft Video 1	(MSVC)	8/16 bit	
Apple Animation	(RLE)	1/4/8/16/24/32 bit	
Apple Uncompressed	(RAW)	1/4/8/16/24/32 bit	
Apple Video	(RPZA)	16 bit	
Apple Graphics	(SMC)	8 bit	
Component Video	(YUV2)	16/24/32 bit	
Intel Raw	(YUV9)	16/24/32 bit	
JFIF JPEG	(JPEG)	8/24 bit	(8 bit is ←
grayscale-only)			
Motion JPEG (type A)	(MJPA)	16/24/32 bit	

Supported Audio formats:

PCM	8 bit	Mono/Stereo
PCM	16 bit	Mono/Stereo
TWOS	8 bit	Mono/Stereo
TWOS	16 bit	Mono/Stereo
IMA4	16 bit	Mono/Stereo
MACE3	8 bit	Mono/Stereo
MACE6	8 bit	Mono/Stereo

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

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AmigaNet: 39:170/410.15

Prog. status: Freeware

Future :
Better sound support (will this ever be finished?)
Support AHI for sound playback. This package offers much easier
access to different types of audio hardware.
Support for more video and audio encodings
Find more bugs

Other infos :
async IO, animations resizing (MAGNIFY), audio preloading, audio
resampling (>27Khz)

1.4 qtfix

QTFix

Last version: 1.1
Last changes: since 1.0 (23.III.97)
fixed: small bug fix

Locations : Aminet aminet/gfx/show/qtfix11.lha
Arch. size : 2 kb
Program type: QuickTime animations fixer
Requirements:

Hardware:
- Kickstart 2.0+
- mc68020+

Software:

Recommended:

Output type :
QTfix does this:

!OLD!Quicktimestructure:

```

0000 LOC
0004 Chunk "mdat" Moviedata
?????? LOC
??????+4 Chunk moov Movieheader

```

Adope Premiere generats another QTstructure:

!NEW!Quicktimestructure:

```

0000 LOC
0004 Chunk moov Movieheader
?????? LOC
??????+4 Chunk "mdat" Moviedata

```

Some programs , like Xanim , can handle this new on. QTDFix does ←
nothing
else than to EXCHANGE the two chunks and corrects the header!

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Other:

Prog. status: Freeware

Future :

None (there is no need to update it)

Other infos :

1.5 tablemov

GFX	QT	MAB	XANIM	CQT
+.....Uncompressed Color+-----+-----+-----+-----+				
RAW 1 bit				+
RAW 4 bit			+	+
RAW 8 bit			+	+
RAW 16 bit			+	+
RAW 24 bit			+	+
RAW 32 bit			+	+
+.....Uncompressed Gray+-----+-----+-----+-----+				
RAW 1 bit				+
RAW 4 bit			+	+
RAW 8 bit			+	+
+.....Apple Graphics Color+-----+-----+-----+-----+				
RLE 1 bit	+		+	+
RLE 4 bit				+
RLE 8 bit	+		+	+
RLE 16 bit	+		+	+

	Multiple video trak's	+		+	+	
	Animations with multiple codecs	+		+	+	
	Merged/separated resource forks			+	+	
+-----+	+-----+	+-----+	+-----+	+-----+	+-----+	+-----+