

List of FOURCC Codes for Video Codec's

Taken from www.FOURCC.org on 12/28/2009

FOURCC	Name/Info Link	Owner	Description, Products Using the Codec, etc.
3IV1	3ivx	3IVX	MPEG4-based codec. Used by 3ivx Delta 1.0-3.5. FOURCC "3IV0" was also used for a while but never publicly released.
3IV2	3ivx	3IVX	MPEG4-based codec. To be used for "3ivx Delta 4.0."
8BPS	Planar RGB Codec	Apple?	RLE codec storing RGB image in planar format under Quicktime.
AASC	Autodesk Animator codec	Autodesk	This codec is part of Autodesk's discontinued Animator Studio for Windows.
ABYR	?	Kensington?	Apparently a low resolution, low frame rate (6fps) codec similar to AJPG which is used in implementing movie capture in some digital cameras.
ADV1	WaveCodec	Loronix	Apparently used in various CCTV products.
ADVJ	Avid M-JPEG	Avid Technology	Also known as AVRn
AEMI	Array VideoONE MPEG1-I Capture	Array Microsystems	Array's codec used for I frame only MPEG1 AVI files
AFLI	Autodesk Animator codec	Autodesk	AVI equivalent of Autodesk's native FLI file format (presumably).
AFLC	Autodesk Animator codec	Autodesk	AVI equivalent of the FLC native file format.
AJPG	?	?	22fps JPEG-based codec used for movie capture by some digital cameras.
AMPG	Array VideoONE MPEG	Array Microsystems	Codec for Array VideoONE hardware-based MPEG compression system.
ANIM	RDX	Intel	?
AP41	AngelPotion Definitive	AngelPotion	Another hacked version of Microsoft's MP43 codec. One source recommends against installing this codec "due to its occasional tendency to modify client structures". Apparently this means that it can destroy or otherwise mess up the HKEY_CLASSES_ROOT\avifile section of your registry leaving some tools incapable of playing video any more.
ASLC	Alparysoft Lossless Codec	Alparysoft	Codec offering approximately 5x compression in mathematically lossless mode or 5-15x compression in "visually lossless" operation.
ASV1	Asus Video	Asus	Codec supplied with the Asus TNT Video Capture adapter. Supposedly a very simple, DCT-based codec. Complete technical details can be found here .
ASV2	Asus Video (2)	Asus	New codec from Asus. Supposedly a very simple DCT codec. Complete technical details can be found here .
ASVX	Asus Video 2.0	Asus	Unusual codec which stores audio in the .avi file but puts the video in a companion .asv file. Click here for information on how to play back these files on Windows 2000 PCs.

AUR2	Aura 2 Codec - YUV 422	Auravision	?
AURA	Aura 1 Codec - YUV 411	Auravision	?
avc1	H.264	Apple	Apple's version of the MPEG4 part 10/H.264 standard apparently.
AVRn	Avid M-JPEG	Avid Technology	Also known as ADVJ in Quicktime files.
BA81	Raw 8bit RGB Bayer	?	This format stores raw 8bit Bayer samples. The Bayer color filter array is described here . I wonder if this is a duplicate of BYR1 ?
BINK	Bink Video	RAD Game Tools	Pretty popular codec in Windows games. I'm not sure if this is available as a standard Windows codec but the web site makes it sound interesting enough to list here even if it does require non-standard tools to use.
BLZ0	?	Blizzard	MPEG-4 codec used in WarCraft 3 movies.
BT20	Prosumer Video	Conexant	Codec optimised for realtime compression of YUV images. Download the ZIP and add VIDC.BT20=btvvc32.drv and VIDC.Y41P=btvvc32.drv to the [drivers32] section of your SYSTEM.INI to enable the codec
BTCV	Composite Video Codec	Conexant	This, now obsolete, format supported a special data format used by the Brooktree Bt2115 chipset which could perform "software encoded video output" - a kind of software TV-out capability.
BW10	Broadway MPEG Capture/Compression	Data Translation	Codec for Broadway hardware-based MPEG compression system.
BYR1	Raw 8bit RGB Bayer	?	This format stores raw 8bit Bayer samples. The Bayer color filter array is described here .
BYR2	Raw 16bit RGB Bayer	?	This format stores packed 16bit Bayer samples with 12bit precision. The Bayer color filter array is described here .
CC12	YUV12 Codec	Intel	?
CDVC	Canopus DV Codec	Canopus	Allegedly used with digital video cameras. The Canopus download page has a free software-only version of this codec which will install on machines which are not equipped with their capture hardware. Apparently if you edit the AVI and change the FOURCC to dvsd, it will play with these codecs too.
CFCC	DPS Perception	Digital Processing Systems	Native format used when capturing AVIs using a DPS Perception adapter.
CGDI	Camcorder Video	Microsoft	AVI format used by Office 97 camcorder application .
CHAM	Caviara Champagne	Winnov	?
CMYK	Uncompressed CMYK	Colorgraph	Uncompressed 32bpp CMYK as used in printing processes.
CJPG	WebCam JPEG	Creative Labs	Used by Creative Video Blaster Webcam Go control. See here for info on how to download and install this codec.
CPLA	YUV 4:2:0	Weitek	This sounds like an uncompressed format to me. Anyone know?
CRAM	Microsoft Video 1	Microsoft	Allegedly identical to MSVC.

CSCD	CamStudio Codec	RenderSoft Software	Open source (GPL license) codec optimised for screen capture applications. Source download is available.
CTRX	Citrix Scalable Video Codec	Citrix?	?
CVID	Cinepak	Providenza & Boekelheide	Originally owned by Supermac then Radius, now P & B . Complete technical details can be found here .
CWLT	Color WLT DIB	Microsoft	Apparently WLT is "with lookup table". Presumably, therefore, this is similar to a standard DIB using FOURCC 0?
CXY1	Conexant YUV 4:1:1	Conexant	Uncompressed, planar 4:1:1 YUV format.
CXY2	Conexant YUV 4:2:2	Conexant	Uncompressed, planar 4:2:2 YUV format.
CYUV	Creative YUV	Creative Labs	Proprietary YUV compression algorithm
CYUY	?	ATI Technologies	Proprietary YUV compression algorithm
D261	H.261	DEC	Presumably now owned by Intel.
D263	H.263	DEC	Presumably now owned by Intel.
davc	MPEG-4/H.264	Dicas	H.264/MPEG-4 AVC base profile codec. Dicas tell me that this codec will be available for free download from their site some time in June 2004. I am waiting to hear the exact URL for the download.
DCL1	Data Connection Conferencing Codec	Data Connection Ltd.	Format used in Data Connection Ltd's conferencing services.
DCL2	Data Connection Multimedia Conferencing Codec	Data Connection Ltd.	Format used in Data Connection Ltd's conferencing services.
DCL3	Data Connection Enhanced Conferencing Codec	Data Connection Ltd.	Format used in Data Connection Ltd's conferencing services.
DCL4	Data Connection Extended Conferencing Codec	Data Connection Ltd.	Format used in Data Connection Ltd's conferencing services.
DCL5	Data Connection Media Conferencing Codec	Data Connection Ltd.	Format used in Data Connection Ltd's conferencing services.
DIV3	DivX MPEG-4	DivX	Low motion codec (optimised for low motion source material?). Several sources tell me that this is an old and illegal codec that should not be used to encode new material.
DIV4	DivX MPEG-4	DivX	Fast motion codec. Several sources tell me that this is an old and illegal codec that should not be used to encode new material.
DIV5	?	?	Apparently almost as old as DIV3 and DIV4. Changing DIV5 AVI's FOURCC to DIV3 or DIV4 seems to allow them to play just fine.
DIVX	DivX	OpenDivX	This FOURCC code is used for versions 4.0 and later of the DivX codec. DivX, "the MP3 of video," is the popular and market-leading MPEG-4 video codec that is emerging as the standard for full screen, full motion, DVD-quality video over IP-based networks.

			<p>Apparently version 5 also encodes using FOURCC DX50.</p> <p>The Microsoft codec pack available here apparently supports Divx 6.</p> <p>This FOURCC is supported by LEAD's MCMP Codec.</p>
divx	DivX	?	Apparently used interchangeably with "DIVX". This FOURCC is supported by LEAD's MCMP Codec .
DM4V	MPEG-4	Dicas	MPEG4 codec compatible with DivX4 and 5.
dmb1	Rainbow Runner hardware compression	Matrox	<p>Hardware codec used by Matrox Rainbow Runner video capture product. Apparently a form of Motion JPEG).</p> <p>LEAD's MCMP codec supports this format.</p>
DMB2	?	?	MJPEG codec used by Paradigm.
DMK2	?	?	Movies generated by a ViewSonic V36 PDA appear to be AVI files using this video codec. Oddly enough, they are named .mpg - go figure.
DSVD	DV Codec	?	<p>The DSVD codec is a VFW-based compressor that firewire- and DV-based capture cards use. It is supported by Graphedit (from divx-digest.com), Adobe Premier and StudioDV. VirtualDub doesn't support the format.</p> <p>I suspect that this and DVSD are one and the same - perhaps one of my informants typed the FOURCC wrongly?</p>
DUCK	TrueMotion S	Duck Corporation	Rather nice RGB codec which, strangely enough, appears to have two distinct FOURCCs.
dv25	DVCPRO	Matrox	SMPTE 314M 25Mb/s compressed video. A professional variant of DVC (dvsd). Unlike dvsd, it uses 4:1:1 sampling structure for both NTSC and PAL.
dv50	DVCPRO50	Matrox	SMPTE 314M 50Mb/s compressed video. Has twice the data rate (50Mbps/sec) of dv25 and uses 4:2:2 sampling structure.
DVAN	?	?	?
DVCS	DV Video	Microsoft?	A generic DV codec along the same lines as DVSD . Microsoft indicates here that this codec should be considered obsolete now that standard FOURCCs for the various DV flavours have been defined.
DVE2	DVE-2 Videoconferencing Codec	InSoft	?
dvh1	SMPTE 370M	Panasonic?	SMPTE 370M - data structure for DV based audio, data and compressed video at 100 Mb/s - 1080/60i, 1080/50i, and 720/60p. This is basically a high definition variant of dv25 and dv50.
dvhd	50Mbps Consumer DV	Microsoft?	SD-DVCR 1125-60 or SD-DVCR 1250-50. See also dvsl and dvsd .
dvsd	25Mbps Consumer DV	Pinnacle Systems?	SD-DVCR 525-60 or SD-DVCR 625-50. See also dvsl and

			dvhd . Implemented in the miroVideo DV300 SW only codec which requires the presence of the 1394 (Firewire) interface card with which it shipped.
DVSD	DV Video	Microsoft?	Used by Adobe After Effects, Uleads Mediastudio 6 (and probably VideoStudio) as a generic DV FOURCC. Probably the same as "dvsd". Sources indicate that these FOURCCs were used interchangeably in early versions. Microsoft indicates here that this codec should be considered obsolete now that standard FOURCCs for the various DV flavours have been defined.
dvsl	12.5Mbps Consumer DV	Microsoft?	SD-DVCR 525-60 or SD-DVCR 625-50. See also dvsl and dvhd .
DVX1	DVX1000SP Video Decoder	Lucent	?
DVX2	DVX2000S Video Decoder	Lucent	?
DVX3	DVX3000S Video Decoder	Lucent	?
DX50	DivX MPEG-4 version 5	DivX	Apparently this is used interchangeably with the DIVX FOURCC when using version 5 of the codec. An alternative download site can be found here .
DXGM	?	Electronic Arts?	The movies in the game "Lord of the Rings: Return of the King" are encoded in this format. Also used in movies from "Robin Hood" by CinemaWare .
DXTn	DirectX Compressed Texture	Microsoft	5 different versions (DXT1 - DXT5) of compressed texture formats exist. Full documentation is to be found in the DirectX SDK. More info can also be found on S3's Texture Compression web site .
DXTC	DirectX Texture Compression	Microsoft	Another of the DXTn set, I suppose.
ELK0	?	Elsa	Codec used by some Elsa graphics cards. May be a YUV format with reduced colour resolution.
EKQ0	Elsa Quick Codec	Elsa	?
EM2V	Etymonix MPEG-2 Video	Etymonix	High quality, MPEG-2 I picture codec with user selectable YUV 4:2:0, 4:2:2 or 4:4:4 compression. Suitable for use in video editing applications. Free trial version available.
ES07	Eyestream 7 Codec	Eyeball Chat	
ESCP	Escape	Eidos Technologies	Codec used by Eidos Technologies ESCAPE VideoStudio.
ETV1	eTreppid Video Codec	eTreppid Technologies	?
ETV2	eTreppid Video Codec	eTreppid Technologies	?
ETVC	eTreppid Video Codec	eTreppid Technologies	?

FFV1	FFMPEG Codec	Michael Niedermayer	A lossless video codec based on arithmetic coding developed in the open source ffmpeg project .
FLJP	Field Encoded Motion JPEG	D-Vision	Field encoded motion JPEG with LSI bitstream format. Morgan Multimedia offers a codec supporting this format .
FMP4	FFMpeg	?	The default MPEG4 format used by tool mencoder. DirectShow filters supporting the codec are available here .
FMVC	FM Screen Capture Codec	Fox Magic Software?	A codec intended for use in screen capture applications.
FPS1	Fraps Codec	Fraps	Codec used by Fraps screen video capture application.
FRWA	Forward Motion JPEG with alpha channel	SoftLab-Nsk	A version of motion JPEG as used in the Forward project from SoftLab-Nsk. This format also includes an 8-bit alpha channel per image.
FRWD	Forward Motion JPEG	SoftLab-Nsk	A version of motion JPEG as used in the Forward project from SoftLab-Nsk. Similar to FRWD but without the alpha information.
FVF1	Fractal Video Frame	Iterated Systems	
GEOX	GEOMPEG4	GeoVision	MPEG shipped as part of GeoVision's CCTV surveillance systems.
GJPG	GT891x Codec	Grand Tech	Shipped as part of the driver package with some digital cameras from Fuji.
GLZW	Motion LZW	gabest@freemail.hu	GIF-like codec written by gabest@freemail.hu .
GPEG	Motion JPEG	gabest@freemail.hu	Motion JPEG codec written as a learning exercise by gabest@freemail.hu .
GWLT	Greyscale WLT DIB	Microsoft	8bpp greyscale image. WLT apparently means "with lookup table" so it is a palettized format.
H260 through H269	ITU H.26n	Intel	<p>Conferencing codecs</p> <p>H.263 format video is for POTS-based videoconferencing. Used, for example, in some Osprey products.</p> <p>Supposedly, the Vanguard Software H.264 codec, available in beta form here, is pretty good.</p>
HDYC	Raw YUV 4:2:2	?	This is apparently identical to UYVY except that the samples use BT709 color space (as used in HD video) rather than BT470 (used for SD).
HFYU	Huffman Lossless Codec	?	Huffman codec for YUV and RGB formats. Available in source and DLL forms. Full technical information can be found here . I am told that further information can also be found here .
HMCR	Rendition Motion Compensation Format	Rendition	Proprietary motion compensation surface format used by Rendition V2x00 DirectDraw driver.
HMRR	Rendition Motion Compensation Format	Rendition	Newer, proprietary motion compensation surface format used by Rendition drivers.
i263	ITU H.263	Intel	PictureWorks NetCard Player - another H.263 implementation from Intel. There's a FAQ on this codec here

			and it can also be downloaded from here .
IAN	Indeo 4 Codec	Intel	One of a collection of FOURCCs used in Indeo 4.
ICLB	CellB Videoconferencing Codec	InSoft	?
IGOR	Power DVD	?	?
IJPG	Intergraph JPEG	Intergraph	Intergraph's version of a JPEG codec (don't you hate it when I just state the obvious ?)
ILVC	Layered Video	Intel	?
ILVR	ITU H.263+ Codec	?	?
IPDV	Giga AVI DV Codec	I-O Data Device, Inc.	Codec used with I-O Data Device's IEEE1394 Digital Video Control & Capture Board. This codec implements I-O DATA's original indexed AVI architecture.
IR21	Indeo 2.1	Intel	Old Indeo codec
IRAW	Intel Uncompressed UYUV	Intel	No indication of the pixel format - sorry.
ISME	?	?	May be installed by Roxio DVD Creator 6?
IV30 through IV39	Indeo 3	Ligos	The family of Indeo Video 3 codecs originally developed by Intel but now handled by Ligos.
IV32	Indeo 3.2	Ligos	Fairly widespread Indeo 3 codec
IV40 through IV49	Indeo Interactive	Ligos	Indeo 4.1 improves image quality and introduces transparency masks. Ligos also offer a download here but apparently it will cost you.
IV50	Indeo Interactive	Ligos	Version 5.0 of the Indeo codec series designed for internet video delivery. Ligos also offer a download here but apparently it will cost you.
JBYR	?	Kensington?	?
jpeg	JPEG Still Image	Microsoft?	This is presumably exactly the same as "JPEG". LEAD's MCMP codec supports both these formats.
JPEG	JPEG Still Image	Microsoft	This is presumably exactly the same as "jpeg". LEAD's MCMP codec supports both these formats.
JPGL	JPEG Light?	?	Proprietary format used by many WebCams which are built around the DIVIO NW 801/802 chip such as the Logitech QuickCam Pro, VideoLogic HomeC@m and other cameras from Askey, Mustek, Microtek, and Tekom. LEAD's MCMP codec supports this format.
KMVC	Karl Morton's Video Codec (presumably)	?	Shipped as part of the game "Worms" by Team17 Software. Info is allegedly obtainable from info@beamaim.demon.co.uk .
L261	LEAD H.261	LEAD Technologies	?
L263	LEAD H.263	LEAD Technologies	LEAD tell me that "The LEAD H.263 codec is a high quality lossy interframe DirectShow and Video for Windows (VfW) codec with a quality and compression ratio comparable to MPEG-4. It can be used for a range of applications including

			video-conferencing, Internet video or surveillance and monitoring. Existing video software, such as Windows® Media Player® and Ulead Media Studio® can utilize this codec to play, create, convert and edit."
LBYR	?	?	Based on the naming, I would hazard a guess that this describes some Bayer image format and may have been registered by LEAD Technologies. Can anyone confirm or deny?
LCMW	LEAD MCMW Video Codec	LEAD Technologies	This is a wavelet-based codec. LEAD tell me "The MCMW Codec is designed to create high-quality video using low bandwidth (dial-up) delivery. This is achieved by using a state of the art intraframe wavelet based compression technique that provides superior compression performance, while still ensuring optimal quality at any compression level."
LCW2	LEAD MJPEG2000	LEAD Technologies	Codec saving standard JPEG2000 streams. LEAD has more info about it here .
LEAD	LEAD Video Codec	LEAD Technologies	LEAD tell me that this codec is now obsolete yet it seems that their " MCMP Codec " supports it so I guess it's not as obsolete as all that.
LGRY	Grayscale Image	LEAD Technologies	Supports 12 and 16bpp grayscale images with additional low and high range information required for medical images. Format public but not finalised when this update was made.
LJ11	LEAD JPEG 4:1:1	LEAD Technologies	Presumably a JPEG codec which encodes YUV in 4:1:1 format. This is supported by LEAD's MCMP Codec .
LJ22	LEAD JPEG 4:2:2	LEAD Technologies	Presumably a JPEG codec which encodes YUV in 4:2:2 format. This is supported by LEAD's MCMP Codec .
LJ2K	LEAD MJPEG 2000	LEAD Technologies	LEAD tell me "the LEAD MJPEG2000 Video codec saves standard JPEG2000 streams. This codec is perfect when high compression and interoperability are necessary."
LJ44	LEAD JPEG 4:4:4	LEAD Technologies	Presumably a JPEG codec which encodes YUV in 4:4:4 format. This is supported by LEAD's MCMP Codec .
Ljpg	LEAD MJPEG Codec	LEAD Technologies	Supports color JPEG 4:1:1, 4:2:2, 4:4:4, grayscale JPEG 4:0:0) FOURCCs supported: MJPG, JPEG, dmb1 Lossless JPEG support including 24-bit color and 8,12 and 16-bit grayscale. Link offers download of a time-expiring version of the codec. This format is supported by the LEAD MCMP and MJPEG2000 codecs .
LMP2	LEAD MPEG-2 Video Codec	LEAD Technologies	LEAD's implementation of the MPEG-2 video compression standard. The codec linked here also supports several other standard MPEG2 FOURCCs. Supports High, Main and Simple profiles, Low, Main, High1440 and High levels.
LMP4	LEAD MPEG-4 Video Codec	LEAD Technologies	An H.264 codec supporting Main and Base Profiles and levels up to 3.2. LEAD offer two versions of this codec, a normal version and a professional version which offers more options and higher compression ratios.
LSVC	Lightning Strike Video Codec	ESPRESSO Solutions	Old version of the codec now identified as LSVX .

LSVM	Lightning Strike Video Codec	ESPRESSO Solutions	Another old version of the codec now identified as LSVX .
LSVX	Lightning Strike Video Codec	ESPRESSO Solutions	Multi-bitrate decoder used in the eViewStreamX product.
LZO1	Lempel-Ziv-Oberhumer Codec	Markus Oberhumer	A fast, lossless codec available in source code format.
M263	H.263	Microsoft	Redmond's codec implementing the H.263 compression standard.
M261	H.261	Microsoft	Redmond's codec implementing the H.261 compression standard.
M4CC m4cc	MPEG-4	Divio	
M4S2	MPEG-4 (automatic WMP download)	Microsoft	Final fully-compliant ISO MPEG4 decoder, compliant to MPEG-4 version 2 simple profile. An alternative download site can be found here .
MC12	Motion Compensation Format	ATI Technologies	Proprietary format used by ATI in MPEG decoding.
MCAM	Motion Compensation Format	ATI Technologies	Proprietary format used by ATI in MPEG decoding.
MJ2C	Motion JPEG 2000	Morgan Multimedia	Motion JPEG 2000
mJPG	Motion JPEG including Huffman Tables	IBM	A version of Motion JPEG which includes Huffman tables with each AVI frame. Developed by IBM before the MJPEG standard was finalised.
MJPG	Motion JPEG	?	<p>Motion JPEG video. Codecs implementing MJPEG are (or have been) available from</p> <ul style="list-style-type: none"> • http://www.jpg.com/imagetech_video.htm • http://www.pmatrix.com/ • Pegasus Imaging • Morgan Multimedia (long trial period) <p>The format is also used by Matrox in their Rainbow Runner add-on video capture / MPEG playback board for various of their display adapters and by Canon who's cameras generate AVIs using this codec.</p>
MMES	MPEG-2 ES	Matrox	Matrox MPEG-2 video elementary stream.MPEG-2 main profile or 4:2:2 profile closed GOP IBP or I-frame only decoder.
MP2A	Eval download	Media Excel	MPEG-2 Audio
MP2T	Eval download	Media Excel	MPEG-2 Transport Stream
MP2V	Eval download	Media Excel	MPEG-2 Video
MP42	MPEG-4 (automatic WMP download)	Microsoft	Apparently one of several different and incompatible MPEG-4 codecs. Rumour has it that this codec is downloadable from the Microsoft site somewhere. This codec is distributed as part of Microsoft Windows Media Tools 4. Includes quality improvements over the earlier MPG4.

			Download as part of "Windows Media Codecs 8.0 for IT Professionals."
MP43	MPEG-4 (automatic WMP download)	Microsoft	Yet another MPEG-4 variation from Microsoft. This FOURCC is not, however, listed on Microsoft's codecs site. This codec is distributed as part of Microsoft Windows Media Tools 4. Includes further quality improvements over the earlier MPG4.
MP4A	Eval download	Media Excel	MPEG-4 Audio
MP4S	MPEG-4 (automatic WMP download)	Microsoft ?	The first ISO standard codec for use with the Sharp digital camera implementing a restricted feature set of MPEG4.
MP4T	Eval download	Media Excel	MPEG-4 Transport Stream
mp4v	MPEG-4	?	Presumably a duplicate of MP4V. LEAD's MCMP codec supports this format and you can download an evaluation version here .
MP4V	Eval download	Media Excel	MPEG-4 Video. LEAD's MCMP codec also supports this format.
MPEG	MPEG	?	MPEG video - presumably MPEG I ?
MPG4	MPEG-4 (automatic WMP download)	Microsoft	MPEG-4 Video High Speed Compressor. Downloadable here , I am told. This codec was shipped with some versions of the Microsoft Netshow encoder (probably 3.0). This codec was based on early drafts of the MPEG-4 spec.
MPGI	MPEG	Sigma Designs	Editable MPEG codec
MR16	?	?	?
MRCA	Mrcodec	FAST Multimedia	And I thought it stood for "Multi Role Combat Aircraft".
MRLE	Microsoft RLE	Microsoft	Run length encoded RGB format from Microsoft. Basically the same as the BI_RLE formats but Michael Knapp clarifies: "MRLE is just *nearly* the same compression as the existing 4 and 8bit RLE formats but the 'copy bytes-chunk' always has an even byte-length. That means that an empty byte is added if the 'copy chunk' contains an odd number of bytes"
MSVC	Microsoft Video 1	Microsoft	Original codec shipped with Video For Windows. Deals with 8bpp and 16bpp images. Quality leaves a lot to be desired (IMHO). Full technical details are available here .
MSZH	AVImshz	Kenji Oshima	Kenji Oshima also developed a multi-threaded M3JPEG codec based on one by Morgan Multimedia. You can download this here . Algorithm information can be found here . This is supposedly the same thing as ZLIB .
MTX1 through MTX9	?	Matrox	Apparently these are MJPG variations registered by Matrox consumer products group.
MVI1	Motion Pixels MVI1 Codec	?	Part of the Motion Pixels player. Install the player and the codec will become available to other multimedia applications. Read more at this site (look for Treasure

			Quest).
MVI2	Motion Pixels MVI2 Codec	?	As for MVI1, this is part of the Motion Pixels player. Read more at this site .
MWV1	Aware Motion Wavelets	Aware Inc.	Wavelet compression-based codec optimised for Intel MMX platforms. Allegedly downloadable from here . Codec filename is icmw_32.dll.
nAVI	Download here	?	?
NDSC	Nero Digital Cinema	Nero Digital	Nero registered this with me recently but provided no information other than the name - sorry.
ndsm	Nero MPEG4?	Nero Digital	A contributor suggests that this codec is owned by Nero Digital and refer sto their flavour of MPEG4 but I have not been able to confirm this.
ndsp	Nero Digital Portable	Nero Digital	Nero have registered NDSP so my assumption is that they get the lower case version for free.
NDSP	Nero Digital Portable	Nero Digital	Apparently an MPEG4 implementation of some description.
ndss	Nero Digital Standard	Nero Digital	A contributor suggests that this codec is owned by Nero Digital and refers to their flavour of MPEG4 but I have not been able to confirm this.
NDSS	Nero Digital Standard	Nero Digital	Presumably the same as ndss.
NDXC	Nero Digital AVC Cinema	Nero Digital	Presumably a variation of MPEG4 part 10/AVC.
NDXH	Nero Digital AVC HDTV	Nero Digital	Presumably a variation of MPEG4 part 10/AVC.
NDXP	Nero Digital AVC Portable	Nero Digital	Presumably a variation of MPEG4 part 10/AVC.
NDXS	Nero Digital AVC Standard	Nero Digital	Presumably a variation of MPEG4 part 10/AVC.
NTN1	Video Compression 1	Nogatech/ Zoran	?
NTN2	Video Compression 2	Nogatech/ Zoran	An evolution of NTN1.
NVDS	NVidia Texture Format	NVidia	?
NVHS	NVidia Texture Format	NVidia	Apparently a texture format introduced for GeForce 3.
NHVU	NVidia Texture Format	NVidia	Apparently a texture format introduced for GeForce 3.
NVS0-NVS5	?	NVidia ?	Supported by GeForce 2 GTS Pro / 64Mb DDR. Possibly a texture format.
NVT0-NVT5	?	NVidia ?	Supported by GeForce 2 GTS Pro / 64Mb DDR. Possibly a texture format.
PDVC	DVC codec	I-O Data Device, Inc.	DV codec for I-O DATA Digital Video Capture products.
PGVV	Radius Video Vision	Radius	?
PHMO	Photomotion	IBM	?
PIM1	Download here	Pinnacle Systems	MPEG-1 based codec
PIM2	?	Pinnacle Systems	Pinnacle DC1000 firewire video editing card supports this format.
pimj	Pegasus Lossless JPEG	Pegasus Imaging	High speed compression and decompression of 24-bit RGB

			and 8-bit grayscale using Predictor 1 Lossless JPEG. Well suited for medical video. You may find additional information here .
PIXL	Video XL	Pinnacle Systems	This is apparently an alias for VIXL . You can find more information about it here .
PJPG	PA MJPEG	Pierre Albou	Non-standard codec based on MJPEG.
PVEZ	PowerEZ	Horizons Technology	TrueMotion based codec (?) It appears that Horizons Technology has now been acquired by Raytheon and is no longer in the codec business (can someone confirm this - their URL is now redirected). Allegedly, you can download this codec from support.private.com but I'm not going to add a link since this is an adult video company and I don't want to get this site associated with porn.
PVMM	PacketVideo Corporation MPEG-4	PacketVideo Corporation	Software MPEG4 codec that supports multiple bitrate encoding/decoding. It is also error resilient allowing transmission over wired/wireless networks.
PVW2	Pegasus Wavelet 2000 Compression	Pegasus Imaging	High speed compression and decompression of 24-bit RGB and 8-bit grayscale using Pegasus' proprietary Wavelet2000 wavelet technology. Well suited for low motion, low bandwidth applications. More information is available here .
qpeq	QPEG 1.1	Q-Team	?
QPEG	QPEG	Q-Team	Q-Team Dr.Knabe's 8-bit output codec with automatic palette switching for seamless edits.
raw	Raw RGB	?	Apparently this contains "raw, uncompressed RGB bitmaps".
RGBT	32 bit support	Computer Concepts	That's odd. I registered RGBT at the same time as a bunch of other FOURCCs and it was granted. The format I registered is for 16- and 32-bit uncompressed RBG images with a transparency plane. Microsoft's codec site, however, lists Computer Concepts rather than Brooktree (Conexant) as the owner. Hmm...
rle	Apple Animation	Apple	Yes this really is lower case. This format is used to compress Quicktime files. Available in 1, 2, 4, 8, 16, 24 and 32bit flavors.
RLE	Run Length Encoder	Microsoft?	I expect this is an equivalent to one of the the BI_RLEx FOURCCs (see the RGB page). The Win2K clock.avi sample uses this format. Final character in the FOURCC is a space.
RLE4	4bpp Run Length Encoder	Microsoft	Equivalent to BI_RLE4. See RGB page for more details.
RLE8	8bpp Run Length Encoder	Microsoft	Equivalent to BI_RLE8. See RGB page for more details.
RMP4	MPEG-4 AS Profile Codec	Sigma Designs	Press release here describes this codec.
RPZA	Apple Video	Apple	RGB555 block-based codec used in Quicktime files.
RT21	Real Time Video 2.1	Intel	What Indeo was called before the marketing guys got their hands on it. RTV or Real Time Video was the format produced by Intel's ActionMedia II adapter back in the late

			80s. When the 80486 came along, this migrated to the software-decodable Indeo formats used today.
rv20	RealVideo G2	Real	RealVideo G2 (6.0 and greater versions of the player and encoder)
rv30	RealVideo 8	Real	
RV40	RealVideo 10?	Real	Apparently you need to install RealPlayer 10 to enable playback of any AVI encoded with RV40.
RVX	RDX	Intel	?
s422	VideoCap C210 YUV Codec	Tekram International	YUV422 codec shipped as part of the driver package for Tekram's C210 product.
SAN3	DivX 3	?	A direct copy of DivX 3.11a, apparently. If you use a FOURCC changer tool on these AVIs they will play with the standard DivX codecs.
SDCC	Digital Camera Codec	Sun Communications	?
SEDG	Samsung MPEG-4	Samsung	MPEG-4 hardware and software codec used in Samsung digital video products.
SFMC	Surface Fitting Method	CrystalNet	CrystalGram video email codec.
SMC	Apple Graphics	Apple	8-bit, block-based codec used in Quicktime files.
SMP4	?	?	Codec used by Samsung VP-ms15 Digicam. This appears to be a DIVX clone since apparently SMP4 files play fine if you change the FOURCC to DIVX.
SMSC	Proprietary codec	Radius	?
SMSD	Proprietary codec	Radius	?
smsv	Wavelet Video	WorldConnect (corporate site)	Windows 95 codec installed automatically (and without warning) whenever you receive and play back a file sent from VisualMail . Very low bandwidth format.
SP40	?	SunPlus	Appears to be an uncompressed YUV format of some kind but I have no information on this other than that.
SP44	?	SunPlus	Presumably a precursor to SP54?
SP54	?	SunPlus	Apparently a form of MJPEG but with some header or other missing. Software shipped with a number of low end digital cameras and webcams such as Aiptek's Pocketcam digital still camera , Logitech's ClickSmart and Mustek's gSmart mini 2 use this format. These use SunPlus chipsets so presumably this explains the "SP". You can download a tool that will convert this to MJPEG here .
SPIG	Spigot	Radius	?
SQZ2	VXTreme Video Codec V2	Microsoft	?
SV10	Video R1	Sorenson Media	Allegedly popular as a Quicktime codec. Used for trailer videos on Star Wars Episode 1 and other games.
STVA	ST CMOS Imager Data (Bayer)	ST Microelectronics	Data from ST CMOS Imagers that is passed to a codec external to the driver for processing to a displayable format.

			More info may be available at the ST Vision and Imaging Unit web site.
STVB	ST CMOS Imager Data (Nudged Bayer)	ST Microelectronics	Data from ST CMOS Imagers that is passed to a codec external to the driver for processing to a displayable format. More info may be available at the ST Vision and Imaging Unit web site.
STVC	ST CMOS Imager Data (Bunched)	ST Microelectronics	Data from ST CMOS Imagers that is passed to a codec external to the driver for processing to a displayable format. More info may be available at the ST Vision and Imaging Unit web site.
STVX	ST CMOS Imager Data (Extended CODEC Data Format)	ST Microelectronics	Data from ST CMOS Imagers that is passed to a codec external to the driver for processing to a displayable format. More info may be available at the ST Vision and Imaging Unit web site.
STVY	ST CMOS Imager Data (Extended CODEC Data Format with Correction Data)	ST Microelectronics	Data from ST CMOS Imagers that is passed to a codec external to the driver for processing to a displayable format. More info may be available at the ST Vision and Imaging Unit web site.
SVQ1	Sorenson Video 1	Sorenson Media	Hierarchical adaptive multistage vector quantizer with mean removal and interframe motion compensation. Used in Quicktime. Complete technical details can be found here .
SVQ3	Sorenson Video 3	Sorenson Media	Video codec used in Quicktime files. A variant of H.264
TLMS	Motion Intraframe Codec	TeraLogic	?
TLST	Motion Intraframe Codec	TeraLogic	?
TM20	TrueMotion 2.0	Duck Corporation	Version 2.0 of Duck Corp's Truemotion codec. I'm told this codec is available as part of a pack that can be downloaded here .
TM2X	TrueMotion 2X	Duck Corporation	Duck Corp's follow-on codec after TM20.
TMIC	Motion Intraframe Codec	TeraLogic	?
TMOT	TrueMotion S	Horizons Technology	Another FOURCC for TrueMotion S. This relates to the version of the codec licensed by Horizons Technology and is not compatible with DUCK.
TR20	TrueMotion RT 2.0	Duck Corporation	Realtime version of TrueMotion.
TSCC	TechSmith Screen Capture Codec	Techsmith Corp.	Codec used by the Camtasia Screen "camcorder" application.
TV10	Tecomac Low-Bit Rate Codec	Tecomac, Inc.	?
TVJP	?	Pinnacle/Truevision	Used by the Targa 2000 board.
TVMJ	?	Pinnacle/Truevision	Used by the Targa 2000 board. Morgan Multimedia offers a codec supporting this format .
TY2C	Trident Decompression Driver	Trident Microsystems	?
TY2N	?	Trident	?

		Microsystems	
TY0N	?	Trident Microsystems	?
UCOD	ClearVideo	eMajix.com	Fractal compression-based video codec available as a Video for Windows codec and in the ClearFusion Netscape plugin package.
ULTI	Ultimotion	IBM Corp.	Shipped with OS/2 but also available for Video for Windows. Link is to a very old version of the codec for Windows.
v210	10-bit 4:2:2 Component YCbCr	AJA Video Systems	Uncompressed format supported by AJA Video Systems Xena adapter.
V261	Lucent VX2000S	Lucent	?
V655	YUV 4:2:2	Vitec Multimedia	Component ordering and packing unknown. Can you help?
VCR1	ATI Video Codec 1	ATI Technologies	Codec used by some ATI TV-PC products.
VCR2	ATI Video Codec 2	ATI Technologies	Codec used by some ATI TV-PC products.
VCR3-9	ATI Video Codecs	ATI Technologies	Registered for ATI Video Codecs version 3-9. I'm not sure these actually exist but the registrations are valid.
VDCT	VideoMaker Pro DIB	Vitec Multimedia	16bpp format - no information on colour space, packing or component ordering.
VDOM	VDOWave	VDONet	Another streaming video format from VDONet.
VDOW	VDOLive	VDONet	H.263 internet streaming video format. Allegedly to be used (being used ?) by Microsoft in it's NetShow offering.
VDTZ	VideoTizer YUV Codec	Darim Vision Co.	Codec used to store YUV AVIs captured with Darim Vision's VideoTizer product.
VG PX	VideoGramPix	Alaris	Alaris VGPixel 32-bit AVI compression driver. It seems that this codec is installed along with the software for the " Alaris Wee Cam ." The codec doesn't appear to be available separately but, allegedly, works fine if you install the Wee Cam software even without the camera. You may also find some information at http://www.alaris.com/vg_tech/vg_tchtx.htm and http://www.videogram.com/ .
VIFP	VFAPI Codec	?	Take a look at http://www.doom9.org/ where you may find more information.
VIDS	?	Vitec Multimedia	YUV 4:2:2 CCIR 601 for V422 (no, I don't understand this either)
VIVO	Vivo H.263	Vivo Software	Vivo's version of the videoconferencing "standard" H.263 compression format (version 2.0.0).
VIXL	Video XL	Miro (now part of Pinnacle Systems)	Used my MiroVideo products such as the DC10, DC20, DC30, etc. A motion JPEG format that is accelerated in hardware with the Zoran chipset. You can find more information about it here .
VLV1	?	VideoLogic	Codec probably used in VideoLogic's Captivator product line
VP30	VP3	On2	On2 tell me "On2's VP3 codec will encode video into a VP3 file in multiple bit rates (roughly 220 Kbps, 330 Kbps, and 440 Kbps) and at optimum frame rates (usually 29.97 fps).

			This multiple bit rate file allows the TrueCast server to scale dynamically and smoothly as bandwidth congestion increases and decreases, providing the viewer with a consistent and reliable experience, without choppiness or interruption."
VP31	VP31	On2	The successor to VP30. This algorithm was open sourced by On2 in 2001-2002 and is the basis for the Theora Video Codec . Technical details are available here .
VP40	VP40	On2	Another in On2/Duck's line of video codecs.
VP50	VP50	On2	..and another
VP60	VP60	On2	..and another
VP61	VP61	On2	..I can feel a pattern developing.
VP62	VP62	On2	..I wonder which one will be next?
VQC1	VideoQuest Codec 1	ViewQuest	Digital video camera codec. ViewQuest offer lots of driver downloads on their site so you may find this in one of those packages.
VQC2	VideoQuest Codec 2	ViewQuest	Codec apparently used in Kodak DVC325 digital camera. Check the ViewQuest site download page - you may find the codec there somewhere.
VQJC	?	?	?
vssv	VSS Video	Vanguard Software Solutions	Real-time or near-real-time encoding with high compression ratios and good image quality.
VUUU	?	?	?
VX1K	VX1000S Video Codec	Lucent	?
VX2K	VX2000S Video Codec	Lucent	?
VXSP	VX1000SP Video Codec	Lucent	?
VYU9	ATI YUV	ATI Technologies	Planar YUV format supported by some ATI capture systems?
VYUY	ATI YUV	ATI Technologies	Packed YUV format supported by some ATI capture systems?
WBVC	W9960	Winbond Electronics	?
WHAM	Microsoft Video 1	Microsoft	Yet another FOURCC describing Microsoft's MSVC/CRAM codec.
WINX	Winnov Software Compression	Winnov	Software codec used by some Winnov Videum products.
WJPG	Winbond JPEG	?	Format supported by AverMedia USB TV-tuner/capture device.
WMV1	Windows Media Video 7	Microsoft	
WMV2	Windows Media Video 8	Microsoft	
WMV3	Windows Media Video 9	Microsoft	You may find other useful information here .

WMVA	Windows Media Video 9 Advanced Profile	Microsoft	The codec originally submitted for consideration as SMPTE VC1. This is not VC1 compliant and is no longer supported by Microsoft.
WNV1	Winnov Hardware Compression	Winnov	Hardware codec used by Winnov Videum products.
WVC1	SMPTE VC1	Microsoft	Microsoft's implementation of the SMPTE VC1 codec.
x263	Download here	Xirlink	Another H.263 codec. This one is apparently used by an IBM-branded webcam.
X264	H.264	?	This FOURCC was originally registered by a company called XiWave but their web presence has disappeared. I am now informed that it is used by a popular open source H.264 implementation.
XVID	XVID MPEG-4	XVID	Codec is available in source form from XVID web site. Can also be downloaded as part of the Gordian Knot Codec Pack . This FOURCC is also supported by LEAD's MCMP Codec .
XLV0	XL Video Decoder	NetXL Inc.	?
XMPG	XING MPEG	XING Corporation	Editable (I frame only) MPEG codec
XWV0-XWV9	XiWave Video Codec	XiWave	XWV3 is currently used to describe Xi-3 Video. Others are unused.
XXAN	?	Origin?	Codec using Huffman and RLE encoding paired with basic interframing. This format is used in Wing Commander 3 and 4 movies. The codec filename is xanlib.dll and a player, xanmovie, is available on the the Kilrathi Saga and Crusader game CDs.
Y16	16bpp Grayscale Video	Thermoteknix Systems Ltd.	A simple, uncompressed format for recording 16bpp grayscale images.
Y411	YUV 4:1:1	Microsoft	Supposedly 16bpp packed but 4:1:1 is usually 12bpp - odd. This is an uncompressed YUV format.
Y41P	Brooktree YUV 4:1:1	Conexant	This is an uncompressed YUV 411 format I registered about 7 years ago. I've stumbled on a few AVIs that use it, though, so I am listing it here. Download the ZIP and add VIDC.BT20=btvvc32.drv and VIDC.Y41P=btvvc32.drv to the [drivers32] section of your SYSTEM.INI to enable the codec
Y444	?	?	Format provided by the Windows 2000 drivers for the iRez Stealth Fire camera. Seems to be a copy of IYU2.
Y8	Grayscale video	?	Probably a duplicate of the uncompressed Y800 format. The 2 last characters are spaces. See also GREY which appears to be another duplicate
YC12	YUV 12 codec	Intel	?
YUV8	Caviar YUV8	Winnov	?
YUV9	YUV9 Raw Format	Intel	An uncompressed YUV format used by Intel Indeo video products.
YUVP	?	?	An uncompressed YCrCb 4:2:2 format using 10-bit precision

			components ordered Y0 U0 Y1 V0. I have no idea how the 10 bit samples are packed - sorry.
YUY2	Raw, uncompressed YUV 4:2:2	Microsoft (probably)	Yes, I know this isn't a compressed format but I get so many questions about where to find a codec for YUY2 AVIs that it's here to allow people to find the answer easily. I'm told "VirtualDub has been able to decode YUY2 internally since V1.3a. Newer versions of Ben Rudiak-Gould's Huffvuv codec will also convert YUY2 or UYVY data to RGB"
YUYV	?	Canopus	Compressed YUV format. Some of the software on the Canopus download page may include this codec (I'm guessing - please tell me if this is true).
YV12	YUV 4:2:0 Planar	Microsoft or Apple ?	Uncompressed format commonly used in MPEG video processing. You can find more informatio on the YUV formats page .
YV16	YUV 4:2:2 Planar	Eleccard	Uncompressed format similar to YV12 but with twice the chroma resolution.
YV92	?	Intel	Codec used by Intel's Smart Video Recorder product. Apparently a compressed YVU9 format.
ZLIB	?	?	A generic lossless codec that you can download from here . Apparently also contains the MSZH codec. Algorithm info can be found here . May be the same algorithm used in compressing PNG images.
ZMBV	The DoxBox Project	DoxBox Capture Codec	A codec using ZLIB compression which is used to capture screen information.
ZPEG	Video Zipper	Metheus	?
ZyGo	ZyGoVideo	ZyGo Digital	Video codec usually packaged in Quicktime files. Investigations suggest that it may be a variant of H.263.
ZYYY	?	?	?