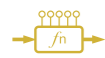


The Art of MPEG

VideoShears



VideoShears — Reads UDP input and cuts into manageable chunks.

VideoShears is the ideal tool when you need to read a UDP connection and break the incoming video into easily manageable chunks for on-line analysis, searching, reuse and data extraction. It includes reformatting output, adjustable chunk size, KLV data maintained, real-time operation, UDP stream or file-based operations.

Input:

- UDP/IP – TCP/IP address or file name
- MPEG-2 Program and Transport streams supported
- MPEG-1 System streams supported

Output:

- Pass-through allows the entire video to be captured without edit
- Chunk size controllable (seconds or # frames)
- Log file produced

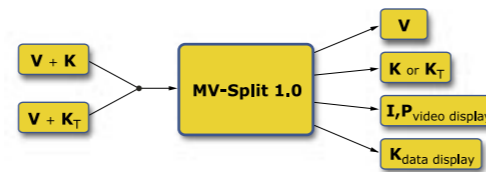
MV-mux



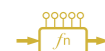
MV-Mux — Combines metadata and video streams into output stream.

Combines (multiplexes) KLV metadata, time synchronized KLV metadata and stills into the output stream. Writes to file or stream.

- Accepts KLV metadata with time stamp for future indexing
- SMPTE standard compliant
- Binary or Ascii metadata input
- Fast integration with component-ware possible



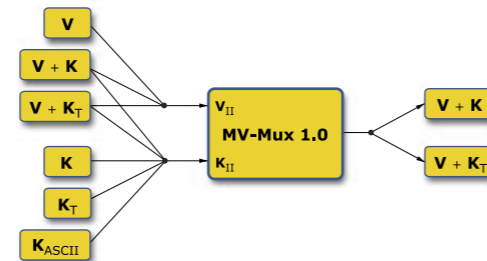
MV-split



MV-Split — Splits metadata and video from real time input stream.

Separates (demultiplexes) metadata, stills and video from real-time input stream. supports a time synchronization scheme that allows metadata to be matched to a specific frame.

- Match metadata to exact frame
- SMPTE Standard number 336M-2001 compliant
- Live Transport stream input
- Monitor stream as it arrives, decode KLV as it arrives



MTP^{SDK}



MTP-SDK — MPEG Technology Platform SDK for MPEG product developers.

Provides a quality platform made up of separately licensed edit, analysis, and decoding libraries, enabling developers to build full MPEG-2 integrated products easily and quickly. MTP technology incorporates over 100 person-years of research and development by senior digital media engineers. Currently licensed to major international broadcasting and multimedia companies.

- Frame accurate editing, frame accurate decoding and navigation, fast video analysis
- Rapid integration
- Flexible licensing for server or client applications
- Available for multiple platforms

Mediaware Solutions is actively involved in MPEG product and technology research and development. Should you have specialist requirements in the MPEG domain, please do not hesitate to contact us.

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MEDIAWARE SOLUTIONS

Mediaware Solutions: The Art of MPEG

Mediaware Solutions has developed products based on our MPEG Technology Platform (MTP) that provide our customers (end users, VAR's OEM's and system integrators) with the ability to integrate our innovative suite of tools into total solutions that enable direct, real time MPEG video editing, navigating, and transcoding while maintaining quality and enabling the end user to enhance the value of the original footage.

In other words, we empower our clients to effectively and efficiently edit, search and re-use valuable video content while still in MPEG format, saving effort, money and most importantly — time.

By partnering with Mediaware Solutions you will be working with the acknowledged technology leaders in this field who continue advanced MPEG research as well as product development. We pride ourselves on being flexible, supportive and reactive and we are constantly expanding the MPEG horizon, giving our partners and clients the MPEG

technology blocks that let them build total solutions through tight modular integration — solutions that are at the forefront of this rapidly growing market.

Mediaware Solutions makes the complex universe of MPEG easy and manageable through leading software for the worlds of Digital Broadcasting, Film, Corporate and Government applications. Our specialised software is focused on today's requirements as well as the future, a future where MPEG digital video will become the media format of choice.

Our goal is to build the best MPEG components to enable you, the systems integrators and MPEG professionals, to be able to build your ultimate digital video environment.



M2-edit Mosaic

M2-edit^{ADVANCED}



M2-edit Advanced — Professional MPEG-2 editing and viewing.

Get the best of both worlds with LiveFile stream editing as well as file capture. Take the features of *M2-edit Pro* and add the capability to start editing and working on your files before Broadcast encoding or capture is complete. *M2-edit Advanced* maintains Private Data Stream integrity and that is a major advantage for video stream editing and archiving applications.

- LiveFile editing as the file is being created (saves valuable time)
- *AudioTrace* giving you visible feedback on the audio edit
- KLV Metadata aware so you keep valuable metadata with the footage
- Available on multiple platforms

M2-edit^{MOSAIC}



M2-edit Mosaic — Professional MPEG-2 editing and viewing.

The leading software for video exploitation in defence and civilian surveillance systems. Combines the live capture ability of *M2-edit Advanced* with powerful leading edge mosaic generation capabilities. Fast MPEG-2 domain mosaicing provides rapid situational awareness, unprecedented quality and easy movement from a mosaic still back to video location.

- Generate mosaic directly from MPEG-2 footage
- Auto-assistance in finding valid clips to mosaic
- Smart navigation back and forth between mosaic and film clip
- MPEG-2 enabled so you stay in the domain you collected the data

M1-edit^{PRO}



M1-edit Pro — Professional MPEG-1 editing and viewing.

When you want the best in an integrated tool for searching, editing and playing MPEG video, *M1-edit Pro* is the all-in-one desktop solution. *M1-edit Pro* provides an unmatched combination of searching, logging, and editing for MPEG-1 and VCD videos in a cost effective, integrated solution. It includes new navigation and HTML publishing options, providing unrivalled speed and simplicity to editing MPEG video.

PRODUCT FAMILY

M2-edit^{PRO}



M2-edit Pro — Professional MPEG-2 editing and viewing.

M2-edit Pro 5.0 brings new breakthroughs in technology to deliver the most sophisticated MPEG-2 editor available to your desktop. Based on our advanced MPEG-2 library which supports frame accurate, bit-rate controlled editing of MPEG-2 Program and Transport streams, as well as MPEG-1 System and Video-only streams. With web publish, video searching and logging, drag and drop editing, frame accurate and fast mode editing, you can now edit MPEG video more quickly, easily and more cost effectively than ever before.

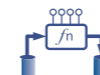
- Frame accurate MPEG-2 editor with Fade, Wipe and Dissolve Transitions Overlays and watermarking
- Quad editing and publishing (1 format in, 4 formats out)
- Edit the 300 Kbps MPEG-1 proxy, Conform the MPEG-2 broadcast footage
- 422 or 420 Transport and Program MPEG support
- With *AudioTrace* audio visual feedback for clean cut selection



M2-edit Pro screen image

COMPONENT FAMILY

M2-edit^{CL}

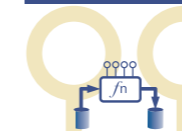


M2-edit CL — Command-line editing for server applications.

M2-edit CL is our command line MPEG-2 product for reliable and cost effective MPEG-2 editing and processing applications via a server. *M2-edit CL* supports bit-rate controlled editing of MPEG-2 Program and Transport streams as well as MPEG-1 System and Video-only streams.

- MPEG-2 Transport, Program and Video-only editing
- Features of full editor in command-line form
- Fast and easy integration with streaming output format options
- Available on Windows, Solaris and Linux platforms

M2-xcode^{CL}



M2-xcode CL — Command-line automated format conversion.

M2-xcode CL will transcode your MPEG from and to different formats using command-lines, delivering a programmable, fully automated system component. Among its many features, *M2-xcode CL* can transcode chrominance, MPEG format, IBP, Transport /Program/System stream, and frame size transcoding.

- PAL and NTSC processing
- Frame size conversion (letterbox, etc)
- Fast mux rate conversion, Program to Transport stream conversion
- Fast 420/422 chroma conversion
- Many more transcoding options

Mediaware Solutions is at the forefront of creating and developing advanced quality software tools that work in "the MPEG domain"