portN where N is an internet port number . A connection is made to the port number on the specifed host (see 'host=name') and the data is delivered.

pipe The data is delivered on standard output. Note that only one stream can be extracted in this way .

filename The data is written to the file named 'filename'. Note to create a file named 'pipe' you must use a path name like './pipe'. The same is true for 'portN'.

If a system stream is extracted, then an appropriate system header is inserted at the beginning.

host= *name* Specifies the name of the host system used for socket connections.

offset= *time* This does the same work as start=time, but simply prodces a byte offset of the closest starting system pack on standard output.

quiet Suppress warning messages about stream syntax errors.

DESCRIPTION

Mpegdemux performs full syntax checking on system streams and the elementary streams contained within. The syntax errors produced are relative to the ISO-1 1172 standard (also known as MPEG 1). In addition, Sequences multiplexed for CD-i and V ideoCD 2.0 have additional constraints that are checked.

SEE ALSO

mpegsmux

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BUGS

Extraction is broken just now .

Audio streams are only checked down to the frame header .

videocd	Video CD format (2324-byte sectors)
vcdseg	Video CD segment play format (2324-byte sectors)
cdi	CD-i format (2324-byte sectors)
subh	modifies the above formats to include the 8-byte subheader and 4-byte EDC (2336-byte sectors).

For example:

```
mpegdemux list format=videocd,subh seq.smpg
```

sysbuf Specify that the modeling of the video standard target decoder should be done with the system stream' s buffer size instead of the video stream' s.

heading= *lines*
Specify the number of printed lines between column headers. It defaults to 0 (header is printed only once)

margin= *percent*
Specify the safety margin (in percentage) before a buffer underflow or buffer overflow error occurs. The default margin is 0, meaning that no error occurs until the buffer actually overflows.

tsdrift= *time* Specify the maximum drift in time between pack SCR time and DTS or PTS times. The default is 1.00 seconds.

video= *level* Specify the symbolic level of listing for the video stream tokens. The possible levels are listed in increasing detail and each includes the detail of the level before.

none	The default; don' t show any video token detail.
seq	Show sequence header detail.
picsum	Show picture header summary .
pic	Show picture header detail.
slice	Show slice header detail.
mbsum	Show macroblock summary .
mb	Show macroblock detail.
block	Show block detail.
coeff	Show coefficient detail.

OPTIONS for EXTRACT

start= *time*
stop= *time* Specify the start and stop time for extraction. Depending on what' s extracted, the time will be adjusted forward or back to an appropriate starting packet.

video= *dest*
audio= *dest*
system= *dest* Specify what is to be extracted: a part of the system stream (system=...) or one or more of the elementary streams (audio=..., video=...). What comes after the '=' is a description of the destination. This can be any of:

NAME

Mpegdemux - MPEG 1 system stream demultiplexer

SYNOPSIS

`mpegdemux <action> <options> file`

The demultiplexer can be used to demultiplex system streams or examine elementary video and audio streams. For example:

```
mpegdemux list video=picsum seq.vmpg
```

This command will summarize each picture token and any of the tokens higher in the hierarchy such as sequence header and GOP header . In addition, `mpegdemux` can be use to demultiplex and list tokens at the system level:

```
mpegdemux list seq.smpg
```

Finally , `mpegdemux` can be used to extract an portion of a system stream or elementary stream.

FILE

`There` can be only one file name at the end of the options. The file may be a local file or may be supplied by a server . In the latter case the file name is specified as

```
host:<hostname>:<port#>
```

For example,

```
mpegdemux syntax host:maple:1772
```

will cause mpegdemux to connect to tcp port #1772 on the host *maple* from which the bitstream will be subsequently read.

ACTIONS

list	Perform syntax checking at all levels and list the pack/packet contents.
syntax	Perform syntax checking at all levels. This does the same work as the list action, but does not list anything except errors and warnings.
extract	Extract certain parts of a stream. *Warning* : this currently has several problems.
help	Display a detailed usage. An argument may be supplied to help for more specific usage. For example, `mpegdemux help list`

OPTIONS for LIST and SYNT AX

format= *format*

Interpret the stream according to the list of formats. The formats are separated by commas and may be any of