使用

DTM-CLI.py ftv -m [ftv mode] -i [input path] -a [input path] -o [output path] -r [video resolution] -s [frame cut size] -b [video bitrate] -e [encoder] -f [video fps]

Usage: DTM-CLI.py ftv [OPTIONS]

Convert files and directories to video.

Options:

-m, --mode [0|1|2|binc|rgb3|rgb6]

Encoding mode. Parameter 0 or

binc corresponds to BinaryColor

mode, which has high fault tolerance and is

recommended. Parameter 1 or

rgb3 corresponds to RGB3bit mode.

Parameter 2 or rgb6

corresponds to RGB6bit mode, which has low

fault tolerance and is not recommended.

-i, --input PATH Path of the input files and directories.

Only one path is accepted, but more files

and directories can be added using the -a

option.

-o, --output PATH Path of the output video media.

-a, --add PATH Path of the input files and directories.

This option can add multiple files and

directories. Example: -a [PATH 1] -a [PATH

2] ...

-r, --res TEXT Resolution of the output video media. The

supported resolution parameters are:

240p (320x240),

480p (640x480),

768p (1024x768),

144p (256x144),

360p (640x360),

720p (1280x720),

1080p (1920x1080),

2160p

(3840x2160)(4k).

-s, --size INTEGER Can be used with the -F option. Frame cut

size, which must be divisible by the length

and width of the resolution. The recommended

value range is 4 ~ 12, with smaller values

being recommended.

-W, --width INTEGER Must be used with the -F option. Customizes

the width of the video.

-H, --height INTEGER Must be used with the -F option. Customizes

the height of the video.

-F, --force This option does not require a parameter.

Forces the use of non-DTM program standards

for custom settings.

-b, --bitrate TEXT Bitrate of the generated video. Unit is

Kbps, recommended setting is 40000k

(40Mbps). Example: -b 40000k

-e, --encoder TEXT ffmpeg hardware acceleration. Calls the

corresponding graphic processor's encoder.

Available parameters under the H.264

protocol: Only CPU: libx264,

NVIDIA: h264\_nvenc, AMD:

h264\_amf, Intel GPU:

h264\_qsv, Microsoft:

h264\_mf. Available parameters under

the HEVC/H.265 protocol: Only CPU:

libx265, NVIDIA:

hevc\_nvenc, AMD: hevc\_amf,

Intel GPU: hevc\_qsv, Microsoft:

hevc\_mf. If an unsupported encoder

parameter is used, the program may not

function properly.

-f, --fps INTEGER Frames per second of the video. Recommended

setting is 24.

-c, --cover PATH Path to the cover background of the video.

Example: -c [PATH]

-cn, --covernum INTEGER Can be used with the -F option. Number of

frames occupied by the cover background of

the video. Available parameters: 0,

2, 24, 120. Set

to 0 to turn off the cover, Recommended

setting is 2.

-q, --quick INTEGER Applies quick configuration using the

configuration information from the

corresponding template. Parameter

1: (BinaryColor: 640x360 @24fps),

Parameter 2: (BinaryColor: 1280x720

@24fps), Parameter 3: (BinaryColor:

1920x1080 @30fps), Parameter 4:

(BinaryColor: 640x480 @24fps), Parameter

5: (RGB 3bit: 640x360 @24fps),

Parameter 6: (RGB 3bit: 1280x720

@24fps), Parameter 7: (RGB 6bit:

640x360 @24fps), Parameter 8: (RGB

6bit: 1280x720 @24fps).

--help Show this message and exit.

Usage: DTM-CLI.py vtf [OPTIONS]

Convert video to files and directories.

Options:

-i, --input PATH Path of the input video media.

-o, --output PATH Path of the output files and directories.

-t, --thread INTEGER Number of CPU threads to use. By default, it uses

the number of logical processors of the system CPU.

-F, --force This option does not require a parameter. It is

usually enabled when converting non-DTM standard

videos to manually specify conversion parameters

and scan the video.

-s, --size INTEGER Must be used with the -F option. Frame cut size,

which must be divisible by the length and width of

the resolution. If this value is unknown, you can

use the -SS option to scan.

-cn, --covernum INTEGER Must be used with the -F option. Number of cover

frames of the video, which is also the start

position of data frames. If this value is unknown,

you can use the -SC option to scan.

-SS, --scansize Must be used with the -F option. This option does

not require a parameter. Scans all available frame

cut sizes. Note: It may take a long time to run

when used with the -SC option.

-SC, --scancover Must be used with the -F option. This option does

not require a parameter. Scans all video frames

until the start position of data frames (end of

cover frames) is found. Note: It may take a long

time to run when used with the -SS option.

--help Show this message and exit.

DTM 数据媒体标准

视频:

结构