



Видео и кадри

Каква е задачата

Да се извади конкретен кадър или кадри от видео файл (върху тези кадри впоследствие да се приложат различни трансформации за постигане на колаж)

Какви са ограниченията

- бизнес ограничения
 - HQ версиите на видеата да не са (лесно) достъпни
 - ограничения при стриймване

A decorative graphic on a black background. It features a yellow L-shaped bar in the top-left corner. A horizontal bar extends from the yellow bar, divided into four segments: purple, yellow, and red. A vertical purple bar extends downwards from the yellow L-shaped bar.

HQ Video → LQ Video → LQ Image → HQ Image

Малко особености за видеата

- i-frames vs p-frames vs b-frames

FFMPEG



FFMPEG

- HQ Video → LQ Video
- HQ Video → HQ Frame

LQ Video → LQ Image

Flash Player /
HTML 5 video

The screenshot displays a video player interface with a dark theme. The main video area shows a car crashing into a wall, with a 'CAPTURE' button overlaid. Below the video is a progress bar showing '1:27 / 2:43' and a volume control icon. A text prompt reads 'SCROLL FRAME BY FRAME TO FIND YOUR FAVORITE IMAGES'. Below this is a frame-by-frame navigation strip with a central frame highlighted and an 'ADD TO IMAGE TRAY' button. To the right is a 'SHARE IMAGE' button with a Facebook icon. At the bottom, there are navigation arrows and zoom controls labeled '10X', '1X1', '1X1', and '10X'.

LQImage → HQImage

FFMEG + ImageMagick

Ресурси

- FFMPEG: <https://www.ffmpeg.org/documentation.html>
- ImageMagick: <http://www.imagemagick.org/script/command-line-tools.php>