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# Notes on Video Processing

<u>Avidemux</u> is a free video editor designed for simple cutting, filtering, and encoding tasks.



You can cut videos using the "A" and "B" buttons to set the start and end of the video, and you can do it without re-encoding by selecting "Copy" under "Video Output" and "Audio Output".

## A. Video codec

#### You can select a video codec and apply "Filters".

91) 11)	Video Filter Manager		~ ×
	Available Filters	Active Filters	
<ul> <li>Irransform</li> <li>Transition</li> <li>Interlacing</li> <li>Colors</li> <li>Colors</li> <li>Noise</li> <li>Sharpness</li> <li>Subtitles</li> <li>OpenGl</li> <li>Artistic</li> </ul>	Add Borders         Add black borders around the image.         Add logo         Put a logo on top of video, with alpha blending.         Blacken Borders         Remove noisy edge by turning them to black.         Blend Frames         Blend groups of N frames into a single frame. Useful for speeding up slow motion footage or creating timelapses.         Change FPS         Speed up/slow down the video as if altering fps. This filter changes duration.         Crop         Crop filter		
Miscellaneous          Miscellaneous         Press Ctrl+Return to accept t	Fit to size         Resize and pad to the specified size.         Flip         Vertically/Horizontally flip the image.         Image stabilizer         Reduce camera shakiness.	•	

### B. Resolution

- Change resolution ("Fit to size").
- Add a "Fade in" or "Fade out" (add fade duration in "Manual time entry" and select one of the fade types, the most used for video start and ending is "Color blend").

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Brightness Saturation Color blend Blur Rotate Z * V Enable Pick color Pick color duration 1.00 * * * * * * * * * * * * * * * * * *	me scope: C	00:00:00,000 - 00	0:00:01,000	Duration: 00:00	:01,000	Manual time entry	Set from A-	B markers
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	)							
	<u></u>							
Cancel 40								

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- Color balance, contrast and brightness.
  Chroma key (replace a "green screen" with an image).
  And much more, all divided into categories.

You can add or remove audio tracks by clicking "Audio" at the top, and selecting "Select Track".

## C. The "Configure" option

The "Configure" option under "Video Output" lets you to change video quality and processing speed. If you select "Use advanced configuration", all tabs will be enabled, with a lot of options to fine-tune the encoding process.

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