

## *AVxCAT V2.2 (changes and addons)*

- Some design changes and adjustments
  - Video put into the process list is shown with a thumbnail icon
  - Like audio process does, video output file may gets an EA icon
  - Turtle progress bar replaced by new desing using extra rxdialog dll
  - [Go] button renamed as [Run]
  - New U\_pic checkbox used with new overlay function
  - New video size (2 for 3:4 and 2 for 9:16, for **portrait video only**)
  
  - Write to author changed to well use Mail program or issue email
  - Parameters/media filters updated to generate a model if none found
  - Parameters/players added a checkbox to set same all audio players
  - Parameters/Include overlay new function
  - Personnalized entry icons (album-art/thumbnail) preserved after [run]
  - Personnalized entry icons preserved during select/mark process
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# AVxCAT V2.2 (changes and addons)



## *AVxCAT V2.2 (changes, corrections and addons)*

- Main entry list RMB menu has some expendable entries
  - RMB: Process list > save list or load list
  - RMB: Mark > selected or all
  - RMB: Unmark > selected or all
  - Rework of play process
  - Lot of video advanced code rewritten (corrections and control display)
  - A regression code prevented video advanced options to be processed
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## ***AVxCAT V2.2 (video advanced function)***

- Displayed picture updated (video thumbnails, audio pictures)
  - More video format detected (e.g. 9:16, 16:10, 5:4 etc... 2.39 2.40 )
  - Video unrecognized format are identified as (other)
  - Some inoperative function and now working
  - Turtle replaced with slider (better rendering on smaller screen size)
  - Change image for slideshow corrected from disa to ena
  - Create thumbnail of displayed image rewritten
  - Flip, Rotate, portrait or landscape, video processes rewritten
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# AVxCAT V2.2 (video advanced function)

The screenshot shows the 'Video Tools' window for AVxCAT V2.2. The window title is 'Video tools (00:02:01.40)'. The main area displays a video frame with a white box around it. The 'crop/pad' section has several controls: 'crop/pad' (checked), 'Enable all' (unchecked), and a '90° cclock' dropdown menu. The 'Format [4:3]' section has radio buttons for 'Default', '4:3', '16:9', and '2.35', and checkboxes for 'Crop H', 'vdip', 'hdip', and 'Rotate'. The 'Set for all' checkbox is checked. Below the video frame is a '600 ms' duration indicator and a timeline with 'first frame(s)' and 'last frame(s)' markers. The 'User parms' field is empty. The 'Video stream' section shows 'stream #0:0 | (Stream #0:0(und): Video: h264 (High) (avc1 / 0x31637661), yu ...)'. The 'Audio stream' section shows 'stream #0:1 | (Stream #0:1(und): Audio: aac (LC) (mp4a / 0x61347060), 44100 Hz, stereo, fltp, 112 kb/s (d ...)'. The 'Subtitle stream (disabled for ffmpeg):' section is empty. At the bottom are 'Validate' and 'Cancel' buttons.

The screenshot shows the 'Video Tools' window for AVxCAT V2.2, similar to the first one but with different settings. The window title is 'Video tools (00:02:01.40)'. The main area displays a video frame with a white box around it. The 'crop/pad' section has 'crop/pad' (checked), 'Enable all' (unchecked), and a '90° cclock' dropdown menu. The 'Format [4:3]' section has radio buttons for 'Default', '4:3', '16:9', and '2.35', and checkboxes for 'Crop H', 'vdip', 'hdip', and 'Rotate'. The 'Set for all' checkbox is checked. Below the video frame is a '600 ms' duration indicator and a timeline with 'first frame(s)' and 'last frame(s)' markers. The 'User parms' field is empty. The 'Video stream' section shows 'stream #0:0 | (Stream #0:0(und): Video: h264 (High) (avc1 / 0x31637661), yu ...)'. The 'Audio stream' section shows 'stream #0:1 | (Stream #0:1(und): Audio: aac (LC) (mp4a / 0x61347060), 44100 Hz, stereo, fltp, 112 kb/s (d ...)'. The 'Subtitle stream (disabled for ffmpeg):' section is empty. At the bottom are 'Validate' and 'Cancel' buttons.

## *AVxCAT V2.2 (new video/image overlay)*

- Parameters/Include overlay (NEW)
  - Video can be a standard video or a webcam stream (video+audio)
  - By default, overlay is always set to image into video at start
  - Choice into which corner you would like put your logo or image
  - Select the margin from the board
  - Center position is mostly use to include watermark with opacity
  - Center and corner position have separate settings
  - Size = n% of output file, adjust opacity to what you need
  - To put the video into an image (reverse process, check V.in)
  - Once your setting is done, have a selected video into Main list
  - Set on U\_pic and select the image/logo to use
  - With V.in, do not use long fullpath video/image (long cmd string)
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## AVxCAT V2.2 (overlay)

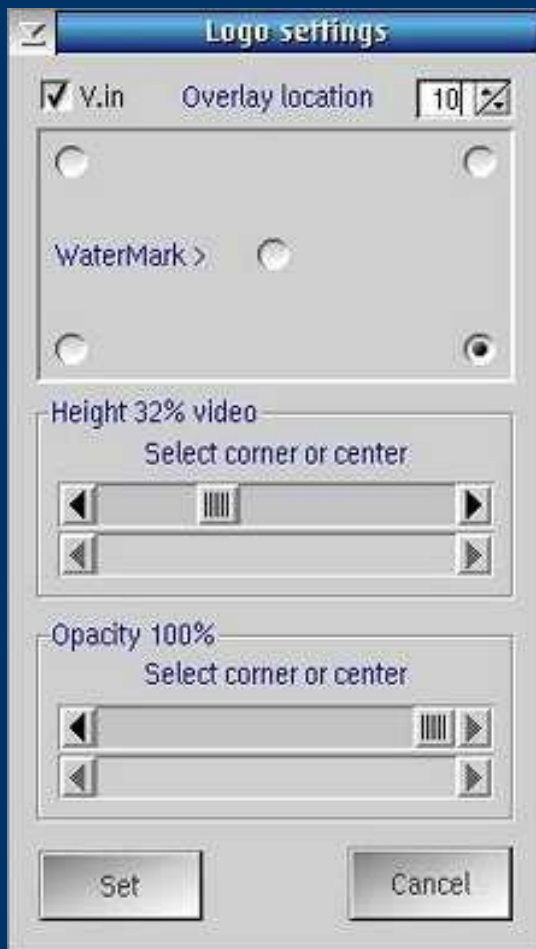
- It Allows you to personnalize your video
    - ✓ Add a logo to an existing video
    - ✓ Add a logo while recording webcam stream
  - Add special descriptions (current limitation is full video length)
  - Create presentations including a video describing the diapo
    - ✓ Using a previous recorded webcam video
    - ✓ Using webcam direct stream (video+audio \pipe\) - avi file
  - Exemple of utilisation:
    - ✓ create a video using your webcam in portrait mode (physically)
    - ✓ the resulting video may probaly appear in landscape
    - ✓ rotate video to have it in portrait mode (cclock + portrait)
    - ✓ Set V.in, add the new video into the main list, image = diapo
    - ✓ run and check result
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## *AVxCAT V2.2 (to do or in progress)*

- Write easier installer prereqs which will check your system and
    - provides htms missing pkgs with links for required (+optionnals)
    - prereqs.exe is currently in alpha 2 state. It is able to check:
      - ✓ Curl / yum installed or not (if yum, list will include cmd)
      - ✓ ANPM installed or not
      - ✓ Warpin installed or not
      - ✓ @unixroot used
      - ✓ @unixroot\local used
      - ✓ If @unixroot is found, you can select local or not
      - ✓ Whithout @unixroot, packages are mostly not @unixroot
      - ✓ The download package is enabled but the install process isn't yet
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# AVxCAT V2.2 (new overlay settings type)



Video into Diapo



Watermark into video



Logo into video

## AVxCAT V2.2 (webcam add selective settings)



- Left checkbox (uncheck for full size, check for overlay. -itsoffset changes and can be adjusted [check Updt] for sync)
- Ffplay to display a small video feedback control using given size  
ffplay uses @ip while main stream to record uses \pipe\
- Prefer use webcam controlled by AVxCAT (general parameters)