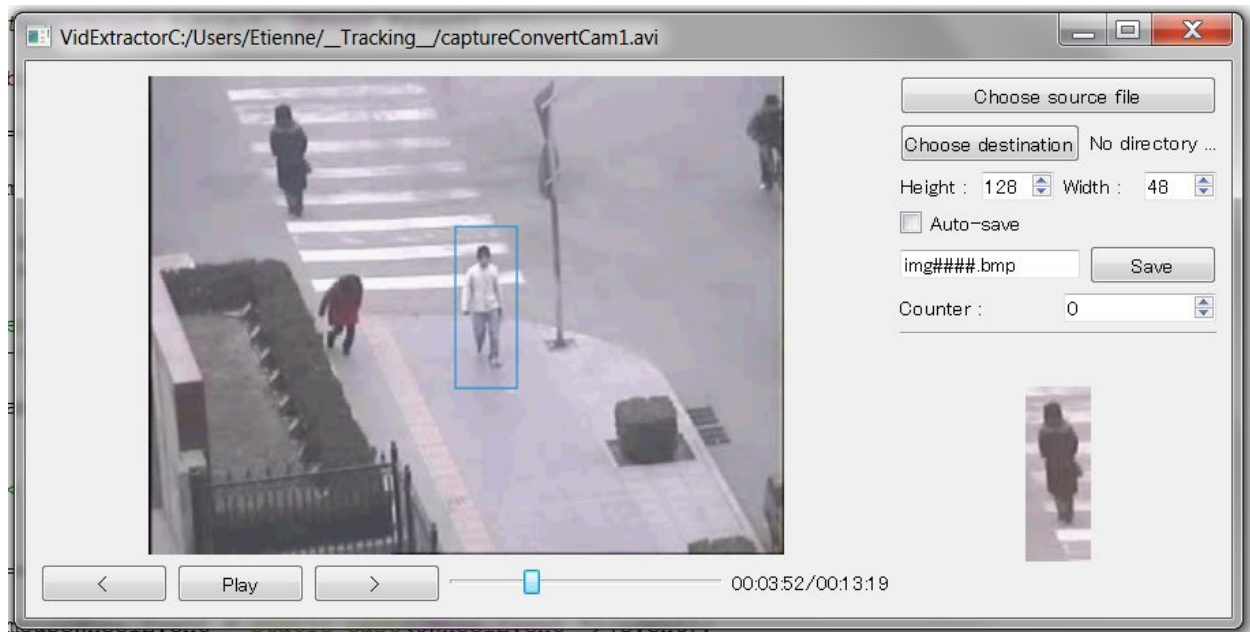


VidExtractor 1.0

Manual

The goal of this program is to easily extract sub-images from an original video. For instance extract pedestrian pictures from a CCTV camera. All final images would have the same size.



Instructions

- Choose the original video
- Choose a folder where to save the pictures
- Choose the destination size (in pixel)
- Click in the video to extract sub-image

Miscellaneous

- No confirmation is asked when saving (it could erase previous image if the names are the same)
- If the auto-save checkbox is checked, the picture is automatically saved each time the user click on the video
- If there is # in the save name, then it will be replaced by the counter value. In this case, the counter will be automatically increased each time a picture is saved.

- One # means that it will simply be replaced by the counter value. Multiple ##### means that the program will eventually add some 0 to respect the number of # (ex: "img#####_cam1.jpg" with counter=23 will give "img0023_cam1.jpg")
- With the '<' and '>' button, you can speed up or slow down the video. A tooltip in the pause button indicate the current speed (note that it is not a real value but just an indication).
- The color of the extracted picture showed in the software can be false, but the saved picture will have the right colors.
- Regardless of the version of opencv (if ffmpeg in including or not), you could not be able to open all the video codec like mp4 or divx.

Controls

- Left click : Capture
- Mouse Wheel : Adjust the size of the capture frame
- Ctrl+Mouse Wheel : Smooth adjustment
- Space : pause/play video
- Ctrl+Left/Right key : move forward/backward

Compilation instruction

This program using qt and opencv so it need both library to compile. I made this program with Qt 5.3 and OpenCv 2.4.9 but it may work with older versions.

The easiest way to compile is to open the .pro with QtCreator

You will probably have to modify the ".pro" in order to modify the library paths.