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Trailing Object From a Video

Graphical layout for choosing a video file from storage

```
[filename, pathname] = uigetfile('*.mp4', 'Select Video file');
```

Splitting Frame and saving it to specific path one by one.

```
if isequal(filename,0)
    disp('User selected Cancel')
else
    disp(['User selected ', fullfile(pathname, filename)])
    v = VideoReader(fullfile(pathname, filename));

    % In this loop all frame 1st converted to a gray scale image then
    % converted to binary image and then add to the previous binary
    image.
    for img = 1:v.NumberOfFrames;
        b = read(v, img);
        I = rgb2gray(b);
        if(img == 1)
            level = graythresh(I); %# Compute an appropriate threshold
            bw = im2bw(I,level);    %# Convert grayscale to binary
        end
        if(img>1)
            bw = bw + im2bw(I,level);
        end
    end

    % Print the Path.
    imshow(bw);

end
```

User selected C:\Users\nishi_000\Downloads\video-1443021485.mp4.mp4



Importance

This is important for tracking a moving object and get his path.

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