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1 Introduction

This is a manual for the installation and use of the application 'MyWebcam'. The program is a Windows application, for viewing the image from a webcam and recording it.

2 Pre-requisites.

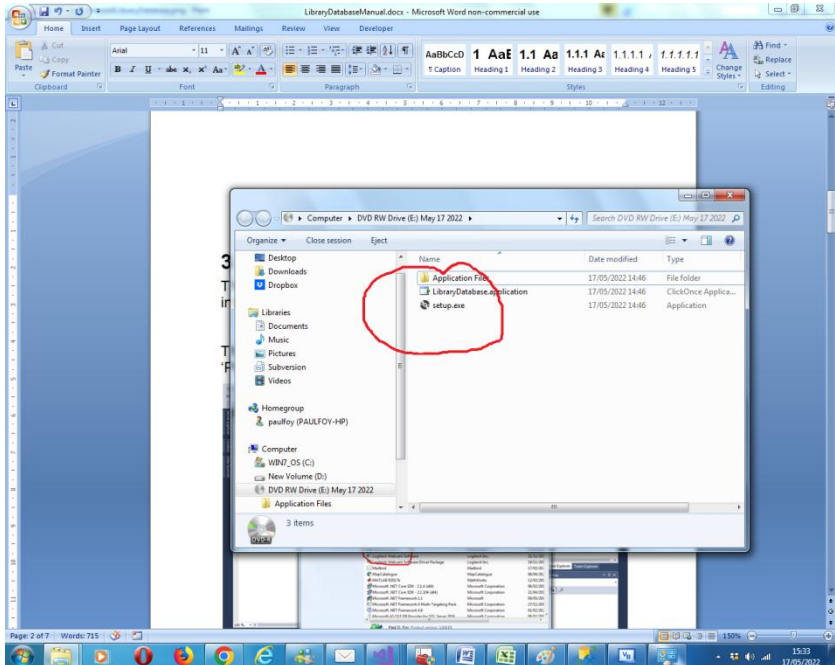
1. A PC running Windows 7 or above.
2. A USB stick or optical drive containing the program setup files, together with this manual (available online).

2.1 Ffmpeg.exe

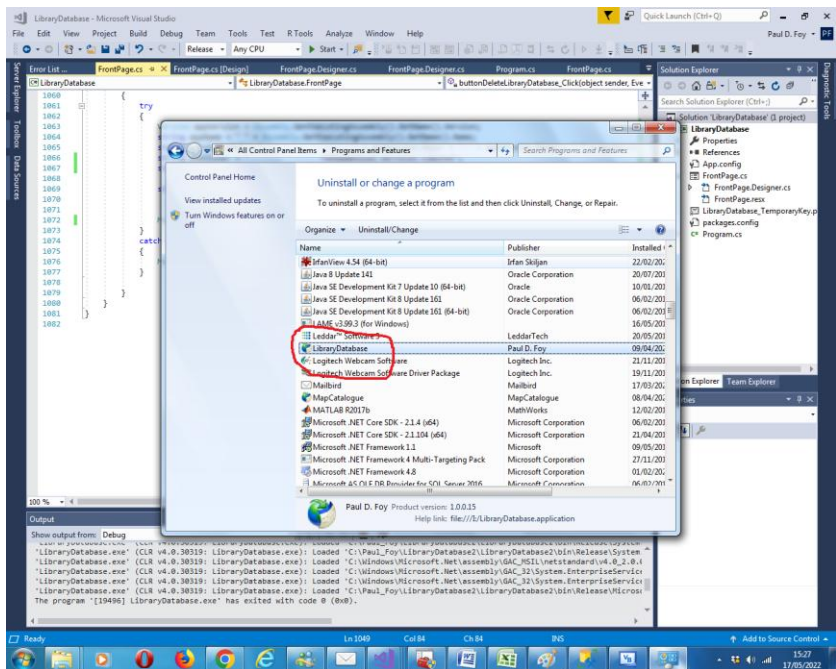
The program makes use of the executable ffmpeg.exe available from <https://www.ffmpeg.org/> to perform webcam video preview and record.

3 Installation/Removal

The program is installed by inserting the supplied stick or disc into the PC and running the 'setup.exe' program on it.



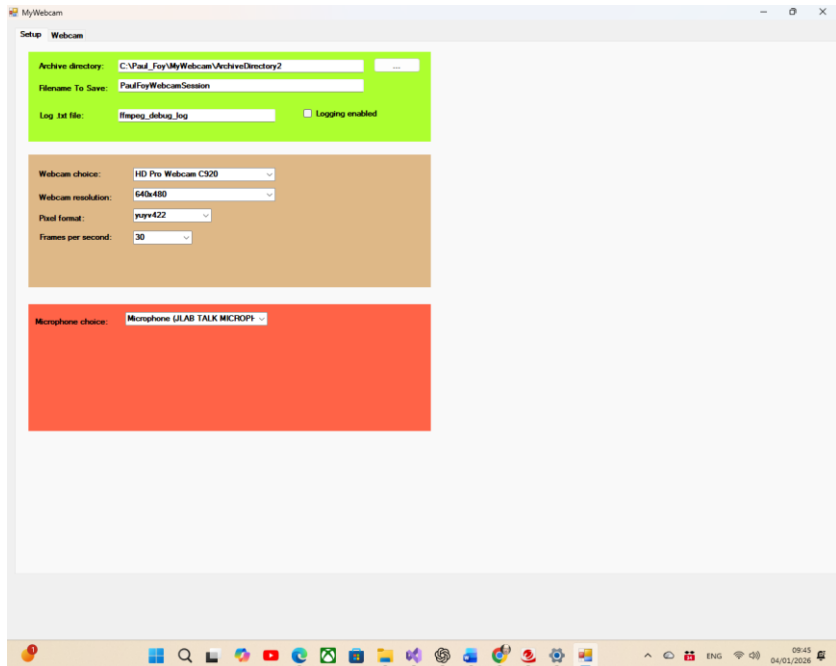
The program can be removed from the PC, by using the 'Program & Features' menu from within Control Panel.



4 Use

The application has 2 tabs (the first 2 tabs in the application):

4.1 Setup



4.1.1 Green panel

This tab initialises the names and directories and the webcam and microphone settings for creating the image of contours. Selected settings are remembered.

Archive Directory: the directory where all files are loaded from or saved to.

Filename To Save: the file name (not including filetype) of the video file to record.

Log .txt file: this is the filename (do not include the .txt filetype) of a log file to create if the **Logging enabled** check box is selected.

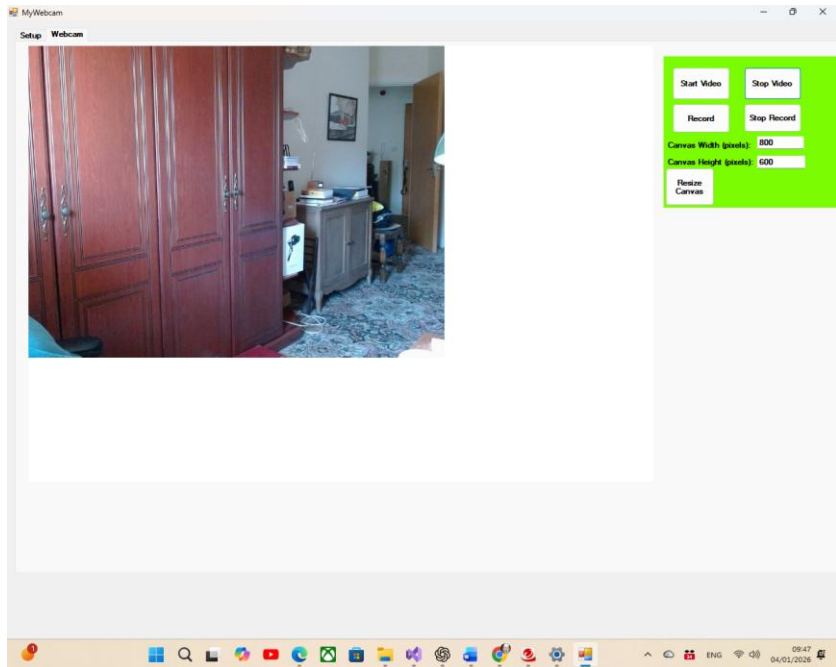
4.1.2 Brown panel

This tab contains the connected **webcam** the **resolutions** the camera supports, the **pixel format** and the number of **frames per second** of the running video. These combo boxes are initialised upon program load, and the values may be selected for subsequent use. Selected settings are remembered.

4.1.3 Red panel

The available microphones are listed and may be selected.

4.2 Webcam



The buttons in the green panel start and stop a preview of the webcam (**Start Video** and **Stop Video** respectively). Alternatively both a record of the webcam (and a preview) may be undertaken (**Record** and **Stop Record** respectively). These two pairs of buttons are mutually exclusive.

The size of the video displayed is according to the resolution selected.

The canvas may be resized using the **Resize Canvas** button, according to the dimensions supplied.

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