**Evil's Cam Documentation**

**Introduction**

Evil's Cam is a motion detection software that captures video from a webcam, detects significant movements, and signals the detection with an audible beep.

**Features**

* **Real-time motion detection**: Monitors and detects movements in real-time.
* **Visual feedback**: Displays a rectangle around the detected motion on the video feed.
* **Audible alert**: Emits a beep sound when motion is detected.

**Installation**

To run Evil's Cam, ensure you have the following requirements:

* Python 3.x
* OpenCV library
* Winsound module (available by default on Windows)

You can install the required libraries using pip:

pip install opencv-python

**Usage**

1. **Initialize the Camera**: The software initializes the webcam for capturing video.
2. **Capture Frames**: It captures consecutive frames from the webcam to detect changes.
3. **Detect Motion**: It processes the frames to detect differences and highlights significant movements.
4. **Audible Alert**: When motion is detected, it emits a beep sound.

**Configuration**

No additional configuration is needed for this basic implementation. Ensure the webcam is properly connected and functioning.

**Troubleshooting**

* **Issue**: No video feed or camera not opening.
  + **Solution**: Ensure the webcam is connected and not being used by another application.
* **Issue**: No beep sound on motion detection.
  + **Solution**: Ensure your system's audio is not muted and winsound is properly working on your Windows OS.