

imagerecdisp

March 7, 2017

1 Imagerecdisp

Program to capture an image from a camera and display it on the screen.

- Gerald Schuller, October 2014

- **Import cv2 module**

```
In [ ]: cap = cv2.VideoCapture(0)
```

- **** Capture frame:****

```
In [ ]: [ret, frame] = cap.read()
```

- **** Display the resulting frame: ****

```
In [ ]: cv2.imshow('Photo',frame)
```

- **Write photo to jpg file:**

```
In [ ]: cv2.imwrite('pycolorphoto.jpg', frame)
```

- **Keep photo window open until key 'q' is pressed:**

- **** Display the resulting frame: ****

```
In [ ]: cv2.imshow('Photo',photo)
```

- **Keep photo window open until key 'q' is pressed:**

```
In [ ]:
    while(True):
        if cv2.waitKey(1) & 0xFF == ord('q'):
            break
```

- **** When everything done, release the capture: ****

```
In [ ]: cap.release()
        cv2.destroyAllWindows()
```