

## How to test if USB Camera is working with Cheese on GNU / Linux

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I just bought an USB Camera (my notebook doesn't include an embedded camera). The camera is some infamous brand chinese name **Eilondo** and on the camera all that is written is **SUPER USB2.0 1.3 mega pixel**

I bought exactly this camera because I was said by the shop reseller that the camera works without any driver installations on *Windows XP* and *Windows Vista*

On my **Debian Squeeze GNU / Linux** it was detected in **dmesg** without any troubles, here is how the camera got detected in my *kernel log* :

```
debian:~# dmesg |tail -n 10
[25385.734932] usb 2-1: USB disconnect, address 4
[25388.905049] usb 2-1: new high speed USB device using ehci_hcd and address 5
[25389.050753] usb 2-1: New USB device found, idVendor=1e4e, idProduct=0102
[25389.050757] usb 2-1: New USB device strings: Mfr=1, Product=2, SerialNumber=0
[25389.050760] usb 2-1: Product: USB2.0 Camera
[25389.050762] usb 2-1: Manufacturer: Etron Technology, Inc.
[25389.050936] usb 2-1: configuration #1 chosen from 1 choice
[25389.056056] uvcvideo: Found UVC 1.00 device USB2.0 Camera (1e4e:0102)
[25389.058242] uvcvideo: UVC non compliance - GET_DEF(PROBE) not supported. Enabling
workaround.
[25389.059113] input: USB2.0 Camera as
/devices/pci0000:00/0000:00:1d.7/usb2/2-1/2-1:1.0/input/input26
```

I was troubled by the message **uvcvideo: UVC non compliance - GET\_DEF(PROBE) not supported. Enabling workaround.** , and hence looked for an application to test if the camera can record properly.

While checking in packages available in **Software Center** , I found a plenty of programs under the search keyword *Camera*

I however decided to test it using just one application **Cheese** - *A tool to take pictures and videos from your webcam* which I've seen to be quite popular among Linux users.

Cheese is part of GNOME Desktop, so that was another reason I decided to give it a try. I was pleasantly surprised about how good these tiny but functional proggy is.

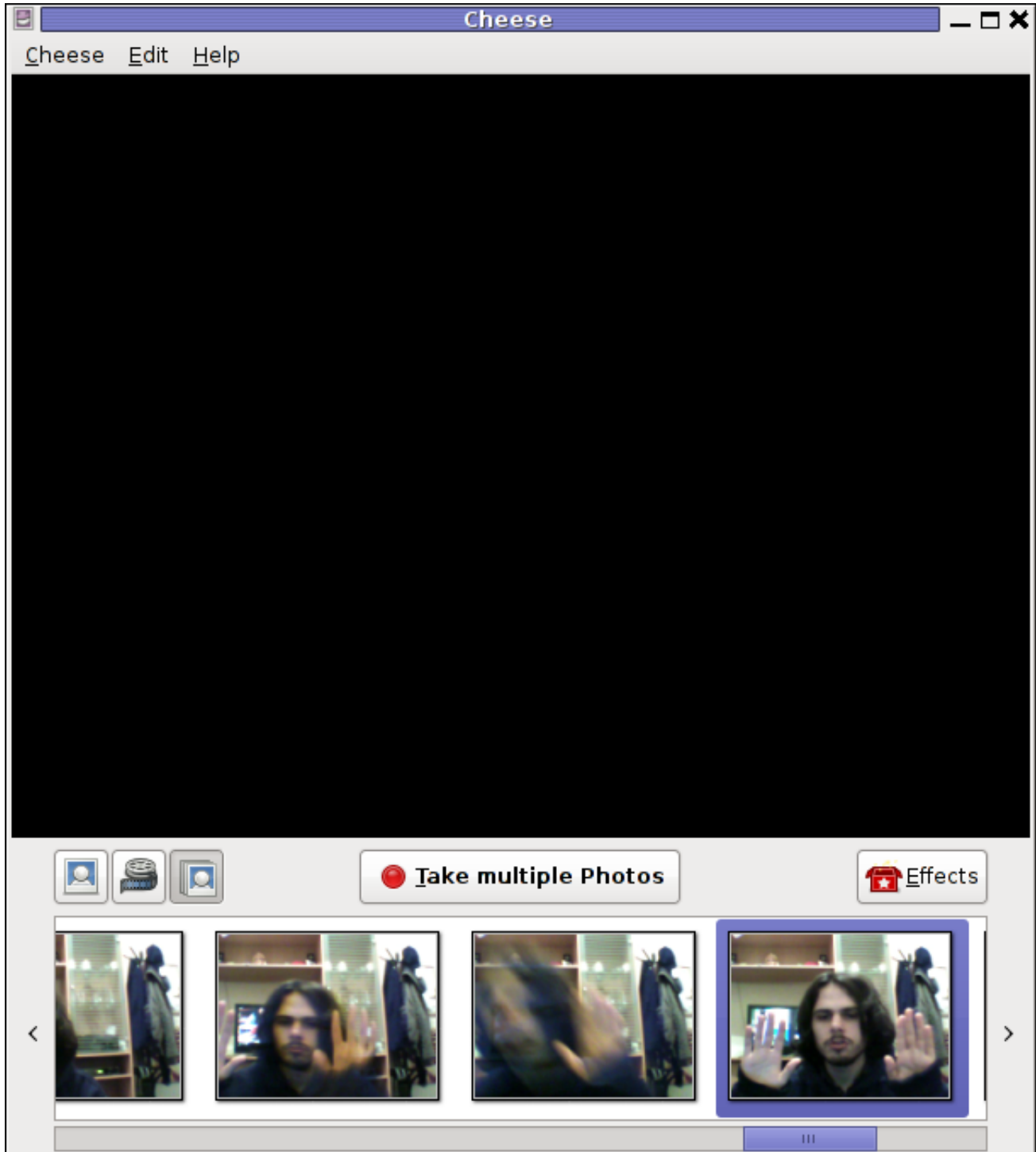
To run Cheese in GNOME I navigated to the menus:

Applications -> Sound & Video -> Cheese Webcam Booth

Just in case if *Cheese* is not installed, installing it with apt:

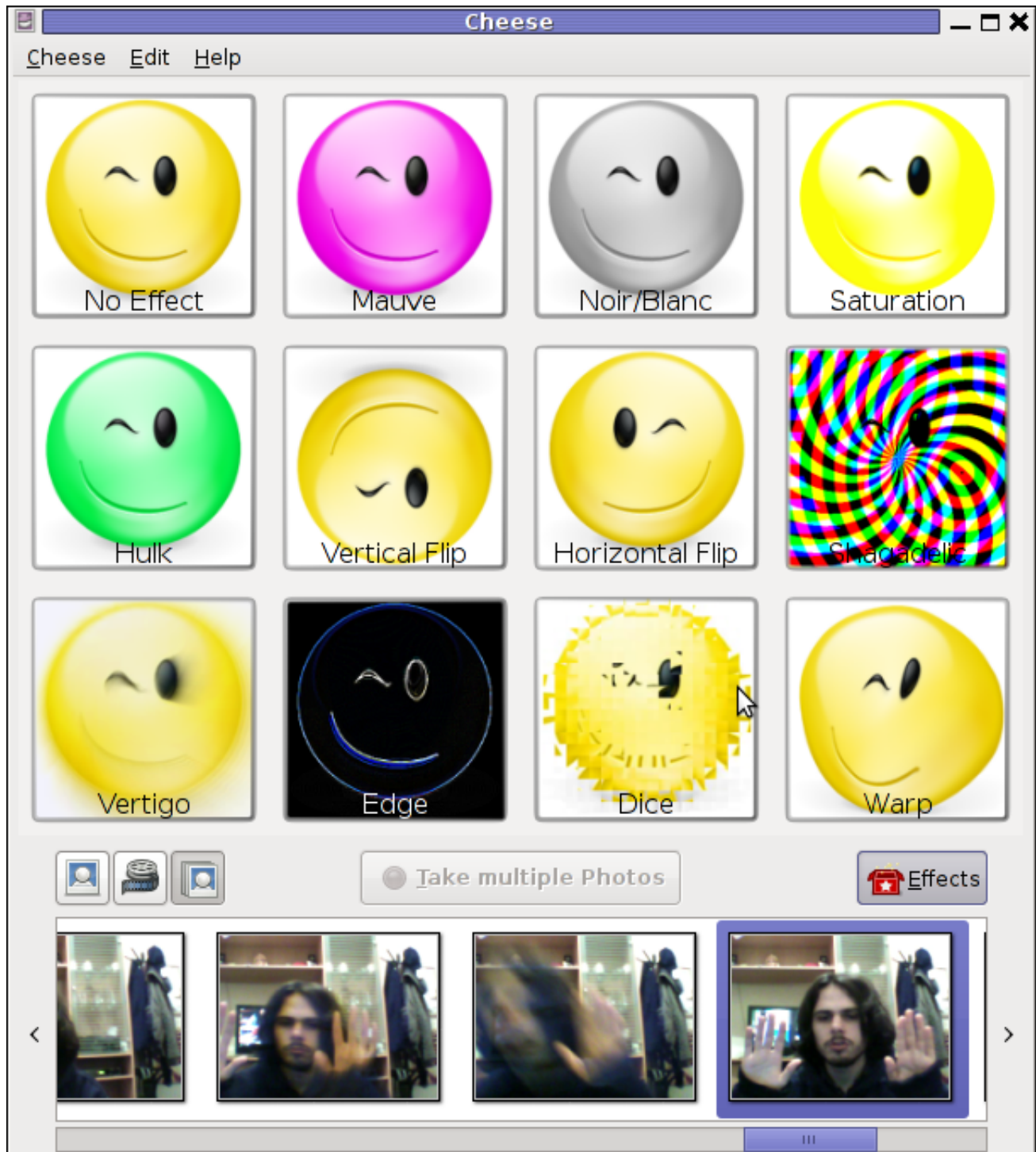
```
debian:~# apt-get install cheese
```

*Cheese* has capabilities to take pictures, a consequential photos take up, as well as create Video movies.



The program has support to apply **12 Effects / (Masks)** to add some fun to the pictures or video

snapshots.



Probably the best thing about Cheese is its simplistic interface, which for me personally is a main criterion to evaluate a program quality ;).