

"XSane" AND "VueScan" TO SCAN PAPER DOCUMENTS IN A "UBUNTU" LINUX COMPUTER

by Francis Chao

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Web location for this presentation:

<http://aztcs.apcug.org>

Click on
"Meeting Notes"

SUMMARY

The free "XSane" app and/or the not-free "VueScan" app AND a flatbed scanner can provide you with an efficient way scan paper documents in an "Ubuntu" Linux computer.

TOPICS

- A
- adaf

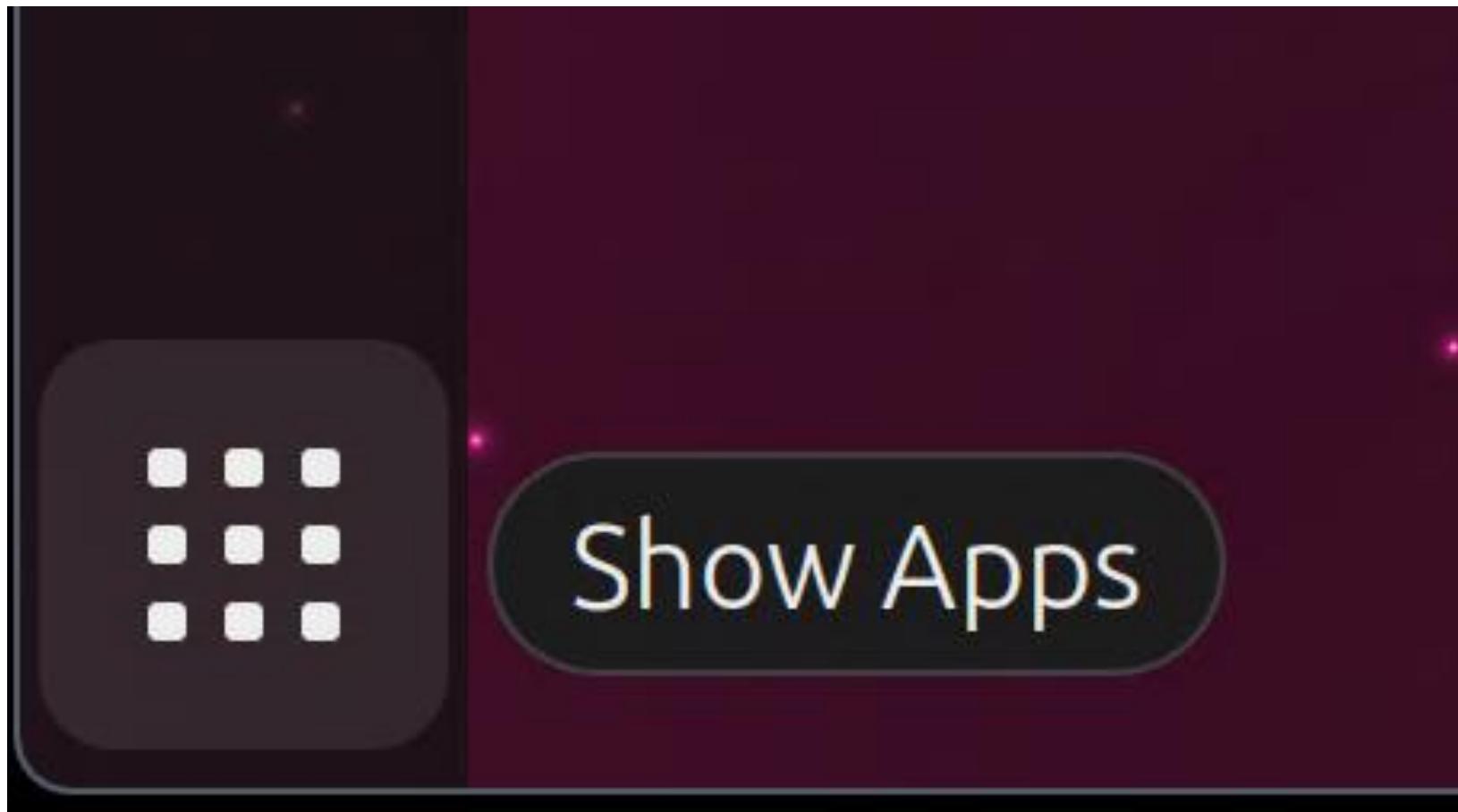
SCANNING IN LINUX COMPUTERS

- You have two choices of software apps for scanning in a Linux computer:
"XSane" (free)
and
"Vuescan" (not free)
- Since it is free and open source, you should always try "XSane" before resorting to paying for "Vuescan"
- "Vuescan" will usually work when "XSane" does not work.

Activities

May 2 20:10





Activities

May 2 20:13



Type to search



Videos



Additi...



Calcul...



AisleRi...



Calendar



Docu...



GNU I...



Settings



Kaffeine



Syste...



Langu...



LibreO...



Terminal



LibreO...



Utilities



LibreO...



LibreO...



LibreO...



Mahjo...



Cheese



Mines



NVIDI...



Power ...

PulseAu...
dio
Volume
Control



Terminal

Activities Terminal

May 2 20:15



```
testuser@ubuntu0213: ~$
```



Home



Zoom



Kaffeine



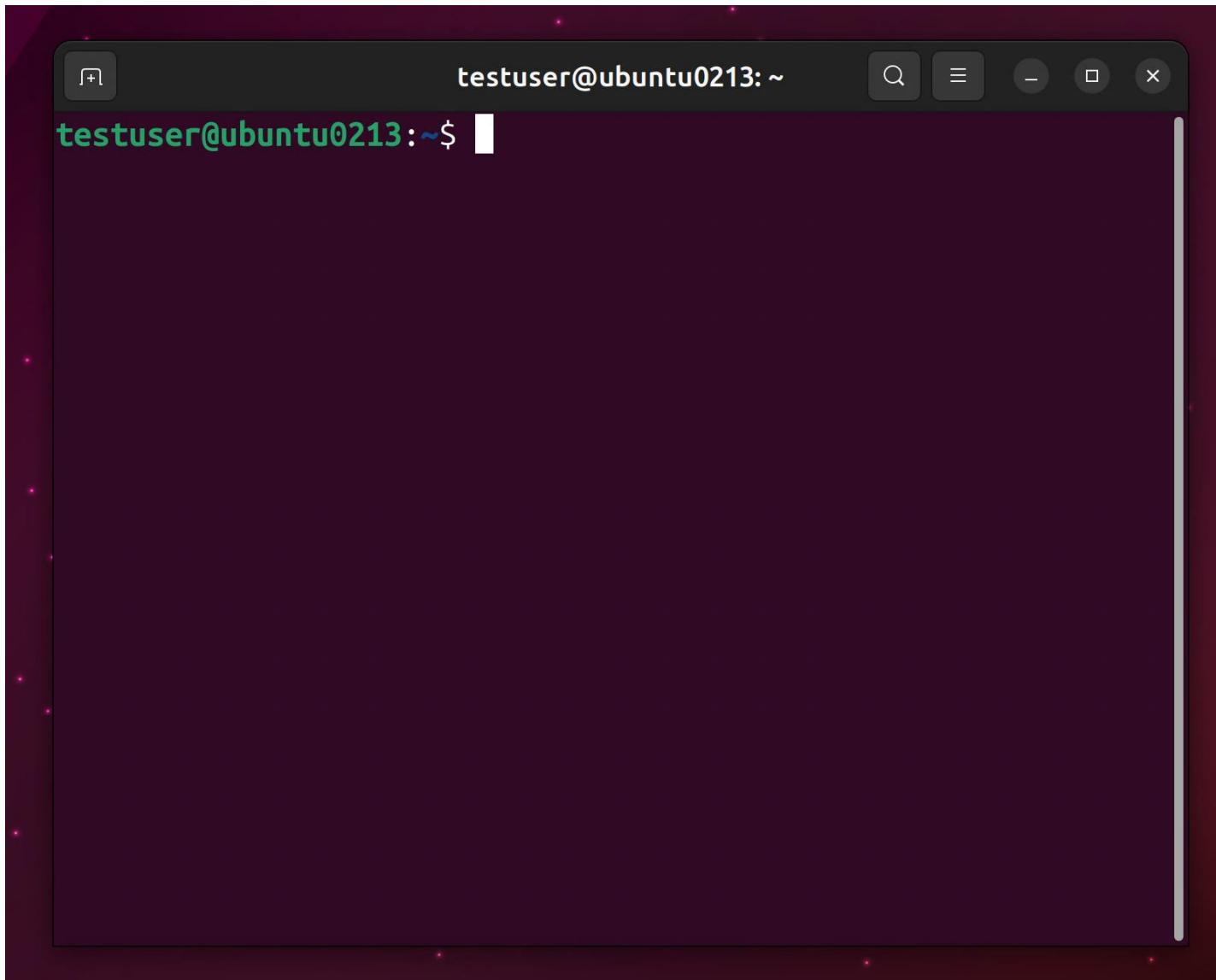
XSane

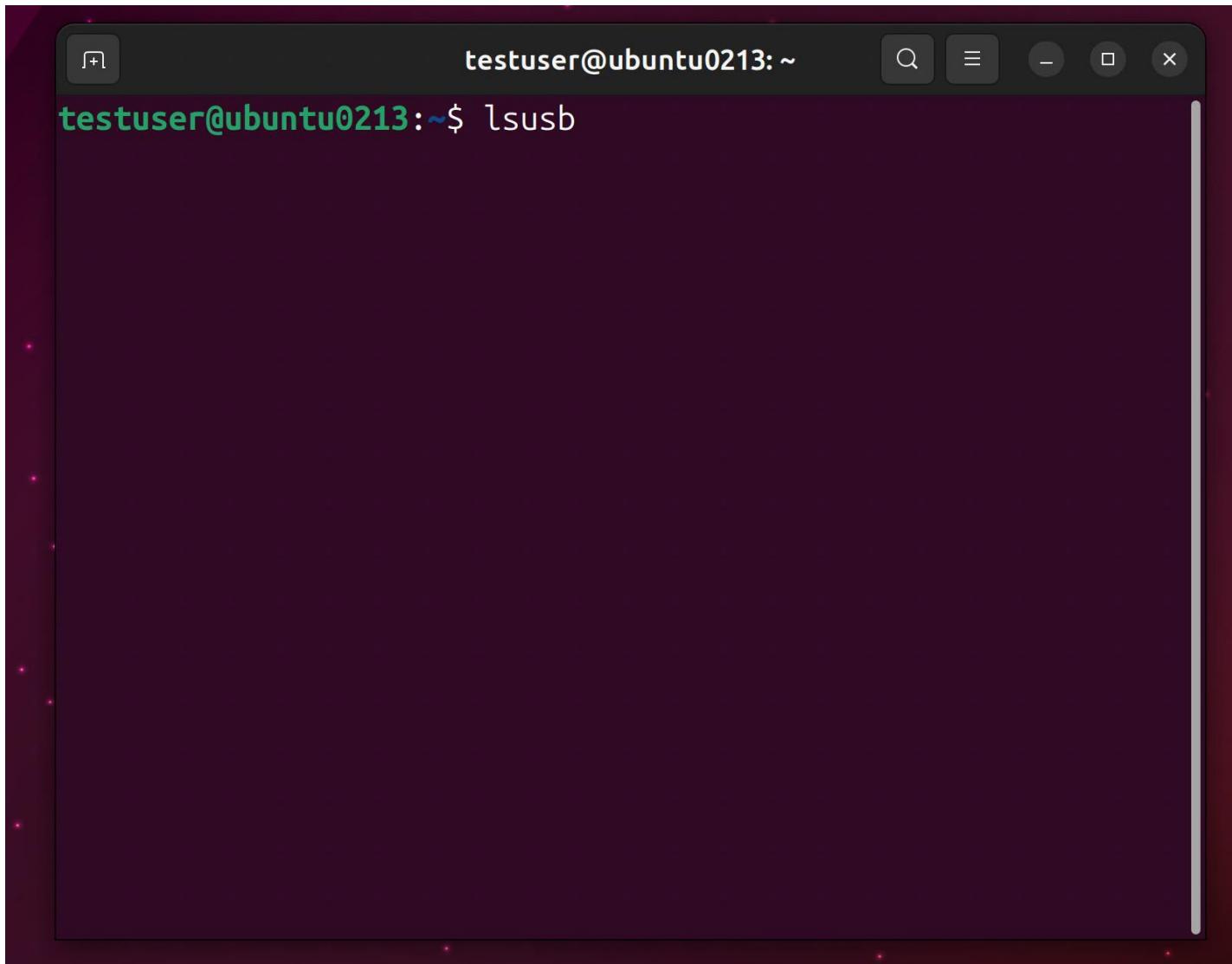


gimp.desktop



Terminal





A screenshot of a terminal window titled "testuser@ubuntu0213: ~". The window has a dark theme with a light gray header bar. In the header bar, there is a small icon with a plus sign, the title "testuser@ubuntu0213: ~", and several window control buttons (minimize, maximize, close). The main area of the terminal shows the command "testuser@ubuntu0213:~\$ lsusb" entered by the user. The terminal is set against a dark background with a vertical scroll bar on the right side.

```
testuser@ubuntu0213:~$ lsusb
```

zoom

Zoom



XSane



gimp.desktop

>_-

Terminal

```
testuser@ubuntu0213:~ Bus 002 Device 001: ID 1d6b:0003 Linux Foundation 3.0 root hub
Bus 001 Device 021: ID 03f0:6105 HP, Inc HP ScanJet Pro 2600 f1
Bus 001 Device 005: ID 05e3:0610 Genesys Logic, Inc. Hub
Bus 001 Device 003: ID 046d:c31c Logitech, Inc. Keyboard K120
Bus 001 Device 009: ID 1462:7c75 Micro Star International MYSTIC LIGHT
Bus 001 Device 007: ID 05e3:0608 Genesys Logic, Inc. Hub
Bus 001 Device 019: ID 1a40:0101 Terminus Technology Inc. Hub
Bus 001 Device 020: ID 046d:c05a Logitech, Inc. M90/M100 Optical Mouse
Bus 001 Device 018: ID 214b:7250 Huasheng Electronics USB2.0 HUB
Bus 001 Device 016: ID 1a40:0101 Terminus Technology Inc. Hub
Bus 001 Device 017: ID 0b05:190e ASUSTek Computer, Inc. ASUS USB-BT500
Bus 001 Device 015: ID 1a40:0101 Terminus Technology Inc. Hub
Bus 001 Device 010: ID 2109:2822 VIA Labs, Inc. USB2.0 Hub
Bus 001 Device 014: ID 214b:7250 Huasheng Electronics USB2.0 HUB
Bus 001 Device 013: ID 214b:7250 Huasheng Electronics USB2.0 HUB
Bus 001 Device 012: ID 1a40:0101 Terminus Technology Inc. Hub
Bus 001 Device 011: ID 214b:7250 Huasheng Electronics USB2.0 HUB
Bus 001 Device 008: ID 2109:2822 VIA Labs, Inc. USB2.0 Hub
Bus 001 Device 006: ID 214b:7250 Huasheng Electronics USB2.0 HUB
Bus 001 Device 004: ID 1a40:0101 Terminus Technology Inc. Hub
Bus 001 Device 002: ID 2109:2822 VIA Labs, Inc. USB2.0 Hub
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
testuser@ubuntu0213:~$
```

```
Bus 002 Device 001: ID 1d6b:0003 Linux Foundation 3.0 root hub
Bus 001 Device 021: ID 03f0:6105 HP, Inc HP ScanJet Pro 2600 f1
Bus 001 Device 005: ID 05e3:0610 Genesys Logic, Inc. Hub
```

Activities

Terminal

May 2 20:21



```
testuser@ubuntu0213: ~
Bus 002 Device 001: ID 1d6b:0003 Linux Foundation 3.0 root hub
Bus 001 Device 021: ID 03f0:6105 HP, Inc HP ScanJet Pro 2600 f1
Bus 001 Device 005: ID 05e3:0610 Genesys Logic, Inc. Hub
Bus 001 Device 003: ID 046d:c31c Logitech, Inc. Keyboard K120
Bus 001 Device 009: ID 1462:7c75 Micro Star International MYSTIC LIGHT
Bus 001 Device 007: ID 05e3:0608 Genesys Logic, Inc. Hub
Bus 001 Device 019: ID 1a40:0101 Terminus Technology Inc. Hub
Bus 001 Device 020: ID 046d:c05a Logitech, Inc. M90/M100 Optical Mouse
Bus 001 Device 018: ID 214b:7250 Huasheng Electronics USB2.0 HUB
Bus 001 Device 016: ID 1a40:0101 Terminus Technology Inc. Hub
Bus 001 Device 017: ID 0b05:190e ASUSTek Computer, Inc. ASUS USB-BT500
Bus 001 Device 015: ID 1a40:0101 Terminus Technology Inc. Hub
Bus 001 Device 010: ID 2109:2822 VIA Labs, Inc. USB2.0 Hub
Bus 001 Device 014: ID 214b:7250 Huasheng Electronics USB2.0 HUB
Bus 001 Device 013: ID 214b:7250 Huasheng Electronics USB2.0 HUB
Bus 001 Device 012: ID 1a40:0101 Terminus Technology Inc. Hub
Bus 001 Device 011: ID 214b:7250 Huasheng Electronics USB2.0 HUB
Bus 001 Device 008: ID 2109:2822 VIA Labs, Inc. USB2.0 Hub
Bus 001 Device 006: ID 214b:7250 Huasheng Electronics USB2.0 HUB
Bus 001 Device 004: ID 1a40:0101 Terminus Technology Inc. Hub
Bus 001 Device 002: ID 2109:2822 VIA Labs, Inc. USB2.0 Hub
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
testuser@ubuntu0213:~$ exit
```

zoom

Zoom



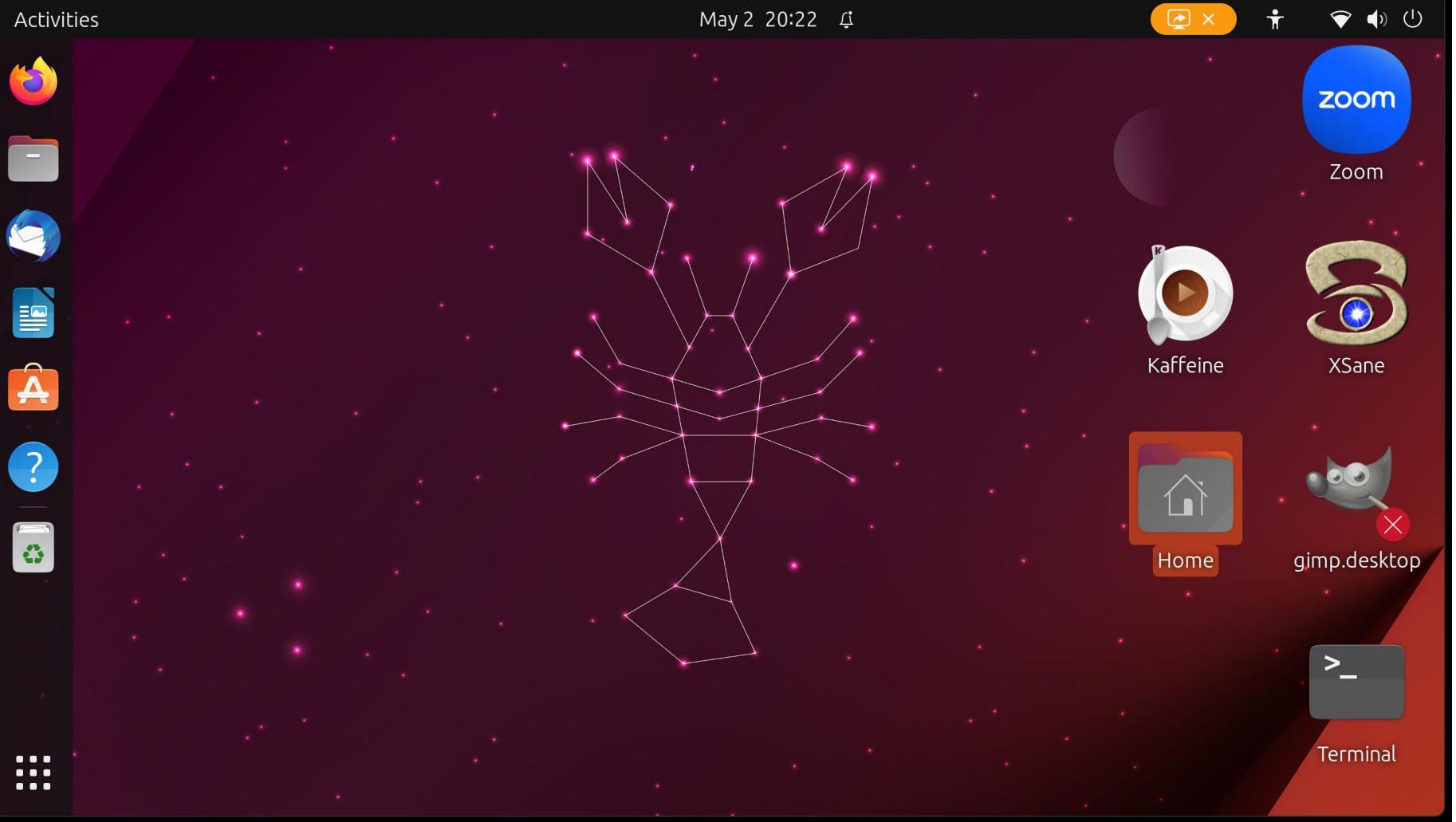
XSane



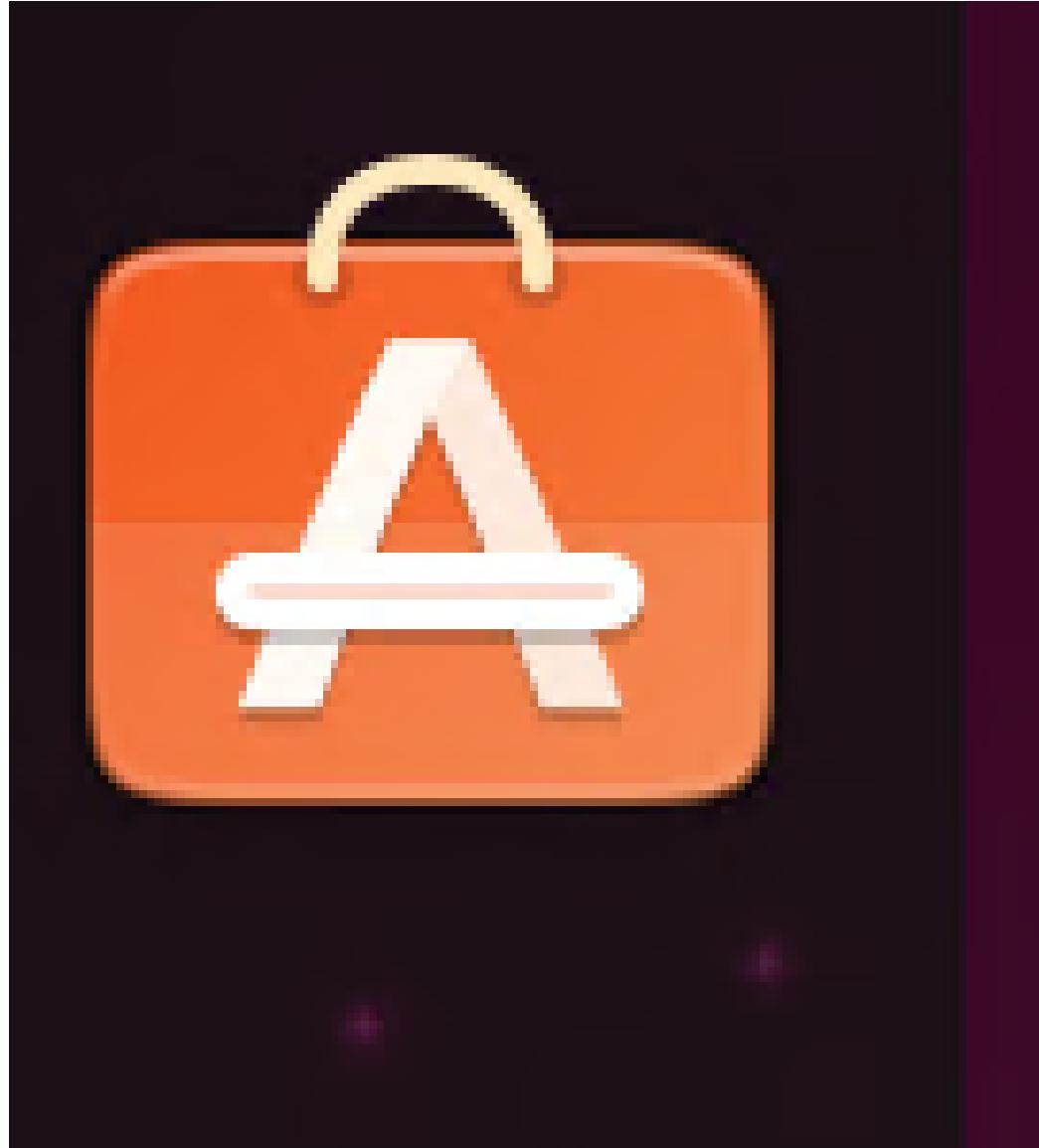
gimp.desktop

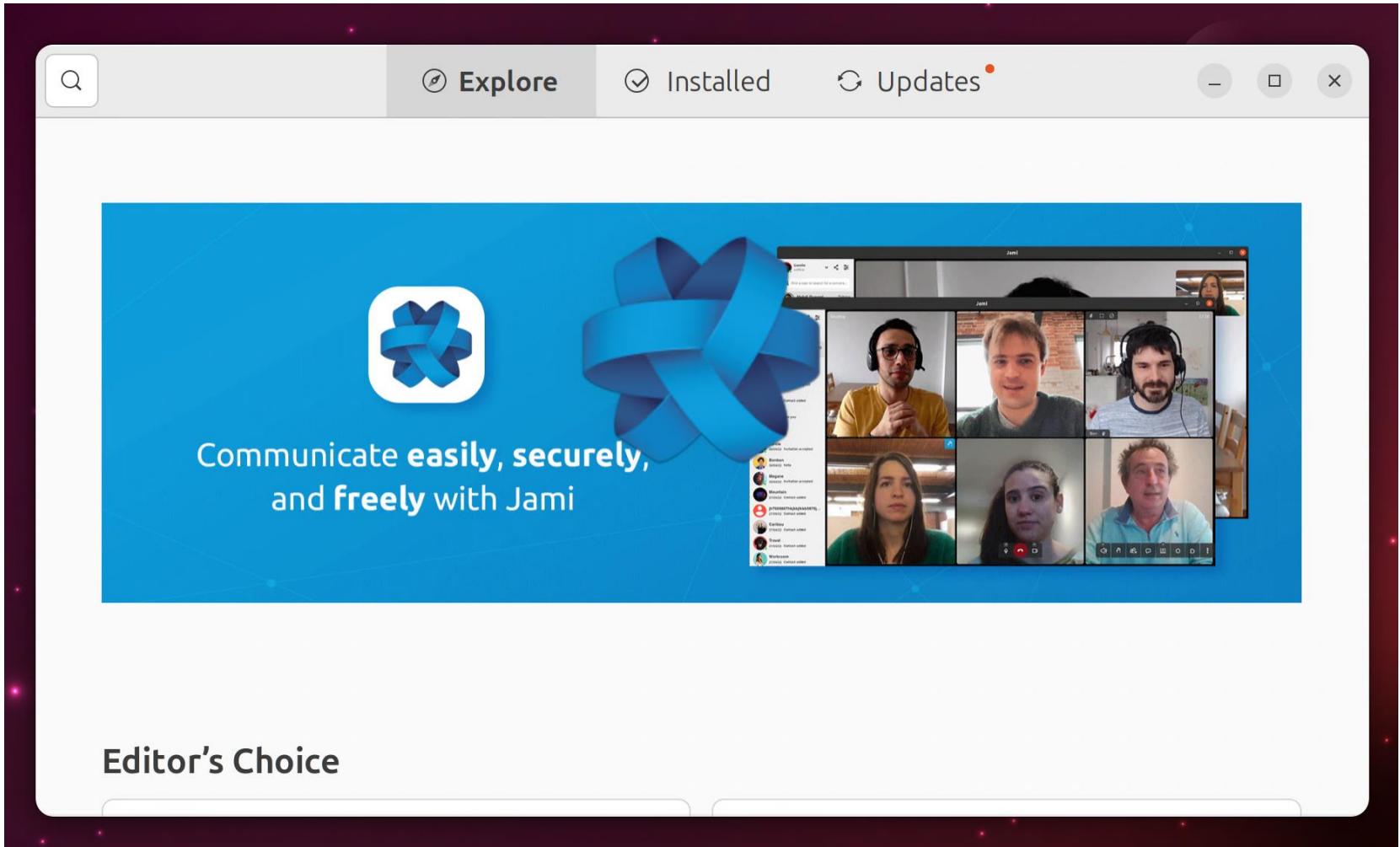
>_

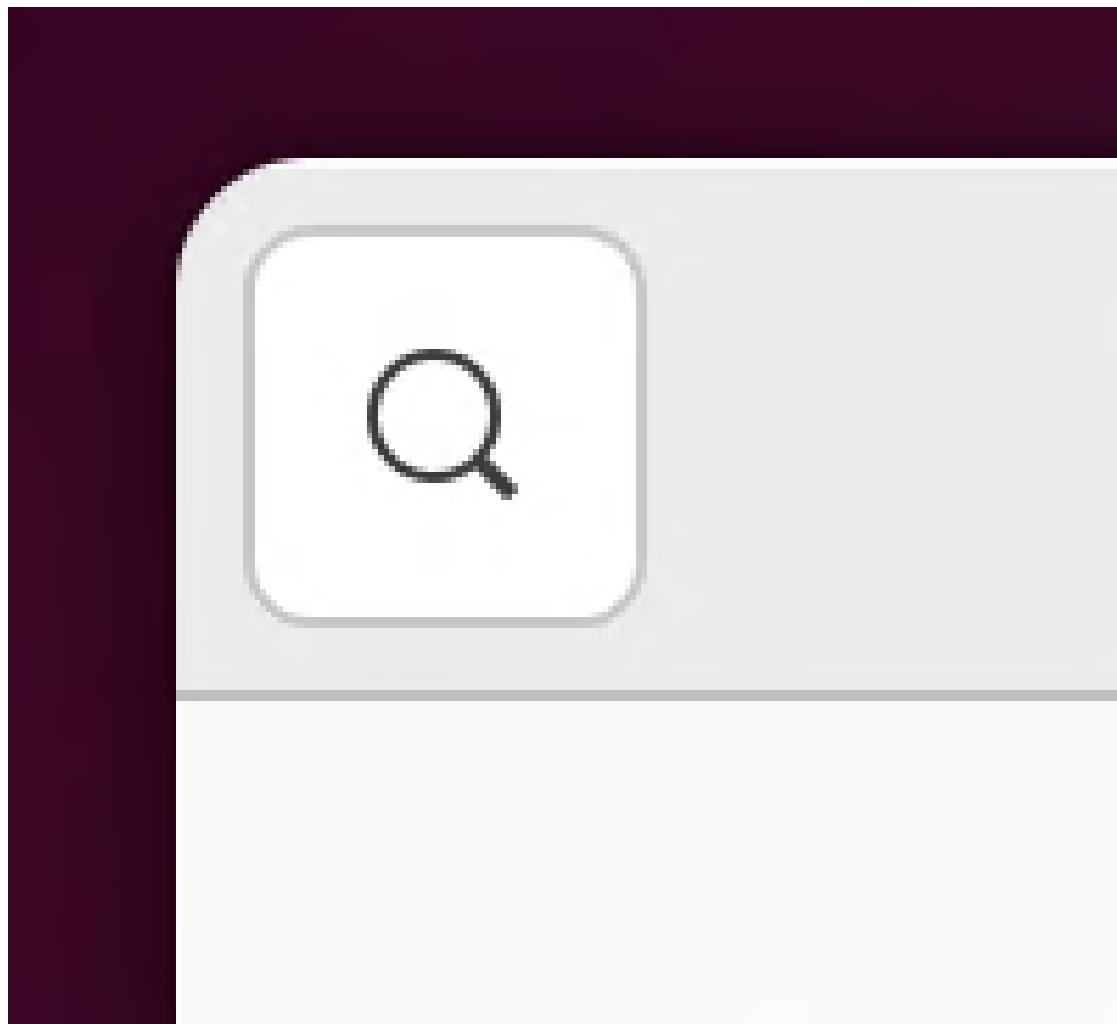
Terminal

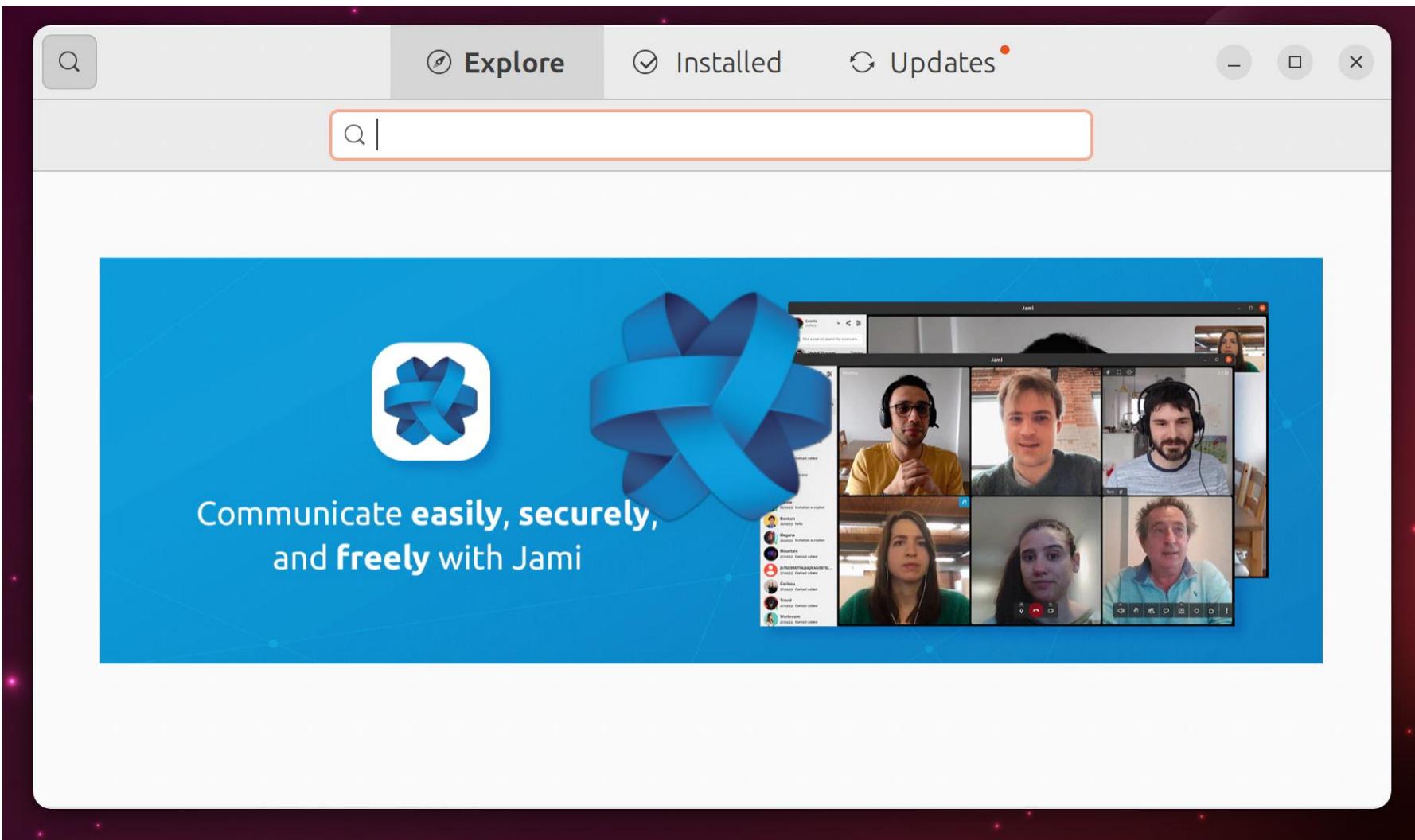
















xsane|



S

Explore Installed Updates

xsane

 **XSane**
★★★★★

A program to work with scanner. Can be used as a scanning, copier, OCR, fax tools.

 **Image Scan! for Linux (V2, UNOFFICIAL)**
★★★★★

Simple, easy to use scanner utility for EPSON scanners



XSane



A program to work with scanner. Can be used as a scanning, copier, OCR, fax tools.

XSane Source ubuntu-lunar-universe ...

 XSane ★★★★☆ (155) Install

A program to work with scanner. Can be used as a scanning, copier, OCR, fax tools.

xsane can be run as a stand-alone program or through the GIMP image manipulation program. In stand-alone mode, xsane can save an image to a file in a variety of image formats, serve as a frontend to a fax program, or send an image to a printer.

Show More

 **Download Size**
Size is unknown

 **Potentially Unsafe**
Provided by a third party

Version 0.999
No details for this release



Install

Authentication Required

Authentication is required to install software



testuser

|Password



Cancel

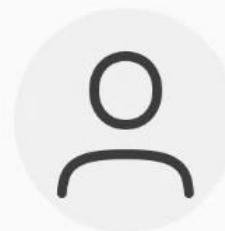
Authenticate

SIZE IS UNKNOWN

Provided by a third party

Authentication Required

Authentication is required to install software



testuser

•••••••|



Cancel

Size is unknown

Authenticate

Provided by a th

Authenticate

Provided by a third party

XSane Source ubuntu-lunar-universe ...

 XSane ★★★★☆ (155) 

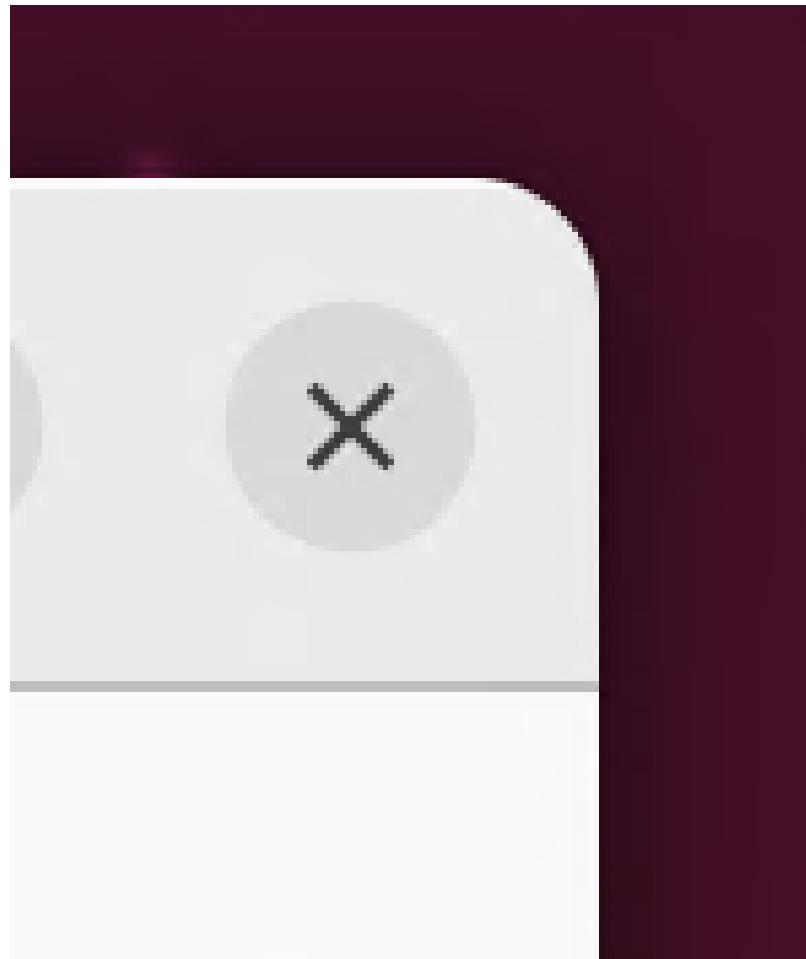
A program to work with scanner. Can be used as a scanning, copier, OCR, fax tools.

xsane can be run as a stand-alone program or through the GIMP image manipulation program. In stand-alone mode, xsane can save an image to a file in a variety of image formats, serve as a frontend to a fax program, or send an image to a printer.

Show More

<p>2.5 MB</p> <p>Installed Size</p> <p>Cache and data usage unknown</p>	<p> Potentially Unsafe</p> <p>Provided by a third party</p>
---	--

Version 0.999



Activities

May 2 20:36



Zoom



Kaffeine



XSane



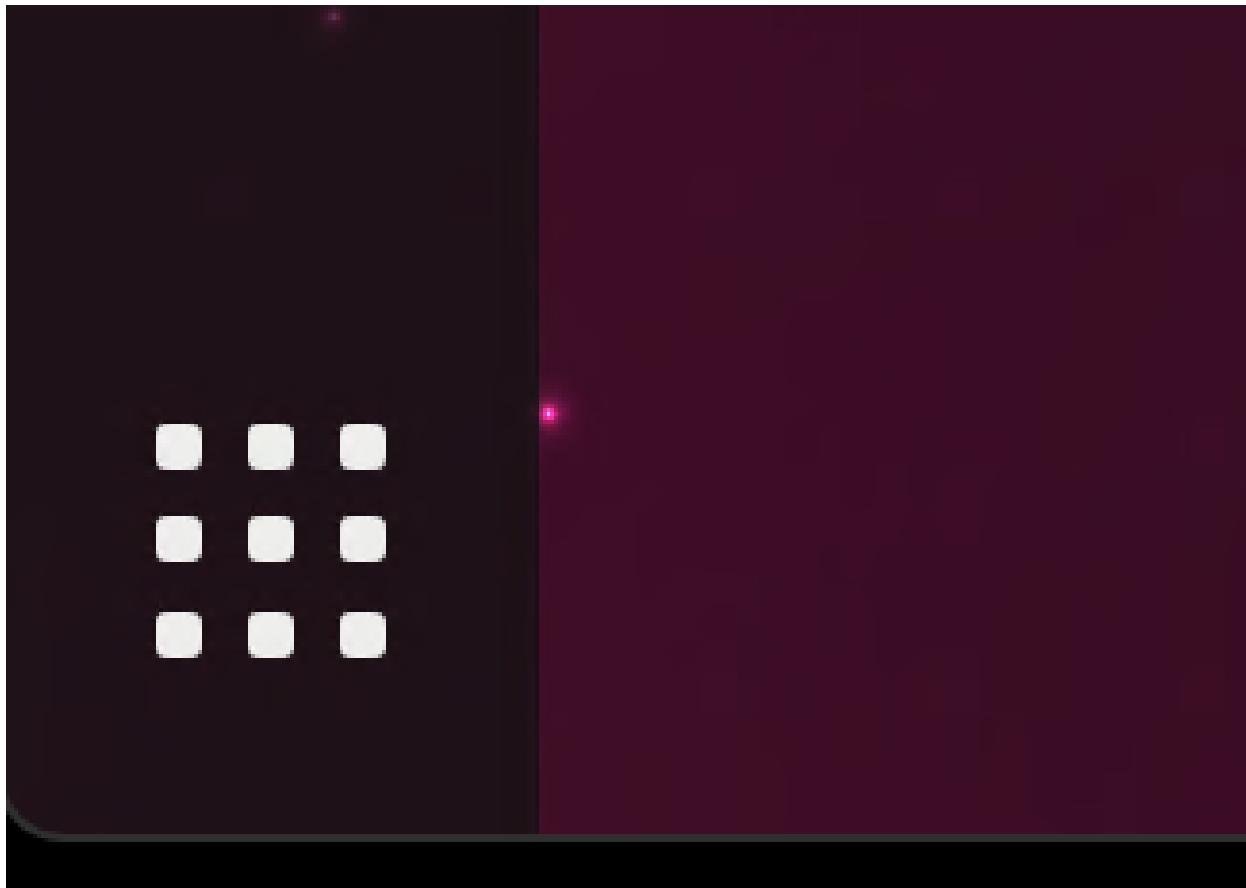
Home

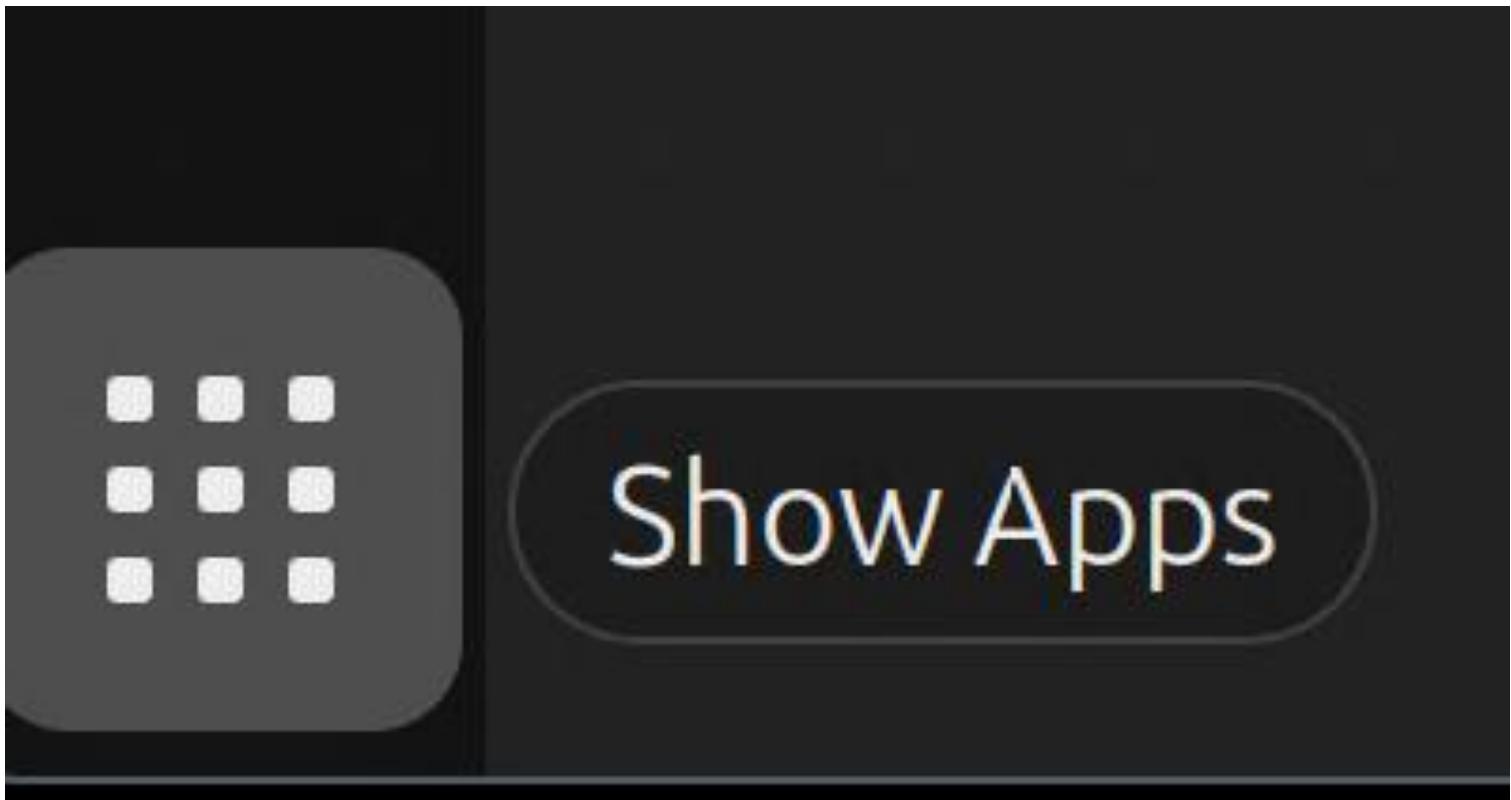


gimp.desktop



Terminal





Activities

May 2 20:39



Type to search



Additi...



AisleRi...



Calendar



GNU I...



Videos



Kaffeine



Calcul...



Langu...



Docu...



LibreO...



Settings



System
Monitor



LibreO...



Terminal



LibreOffi-
ce Draw



Utilities



LibreO...



LibreO...



Mahjo...



Cheese



Mines



NVIDI...

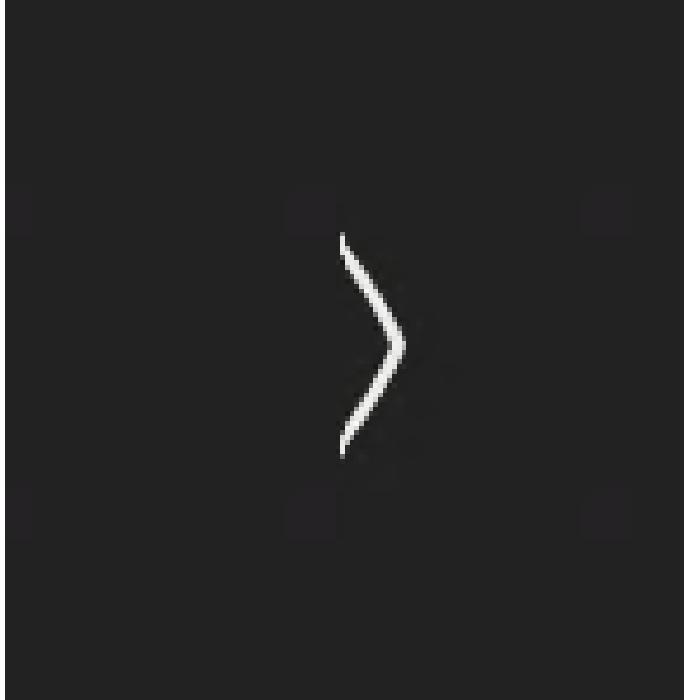


Power ...



PulseA...

• •



Activities

May 2 20:40



Q Type to search



Remm...



Rhyth...



Shotwell



Softw...



Softw...



Startu...



Startu...



Sudoku



Synapt...



Text E...



Trans...



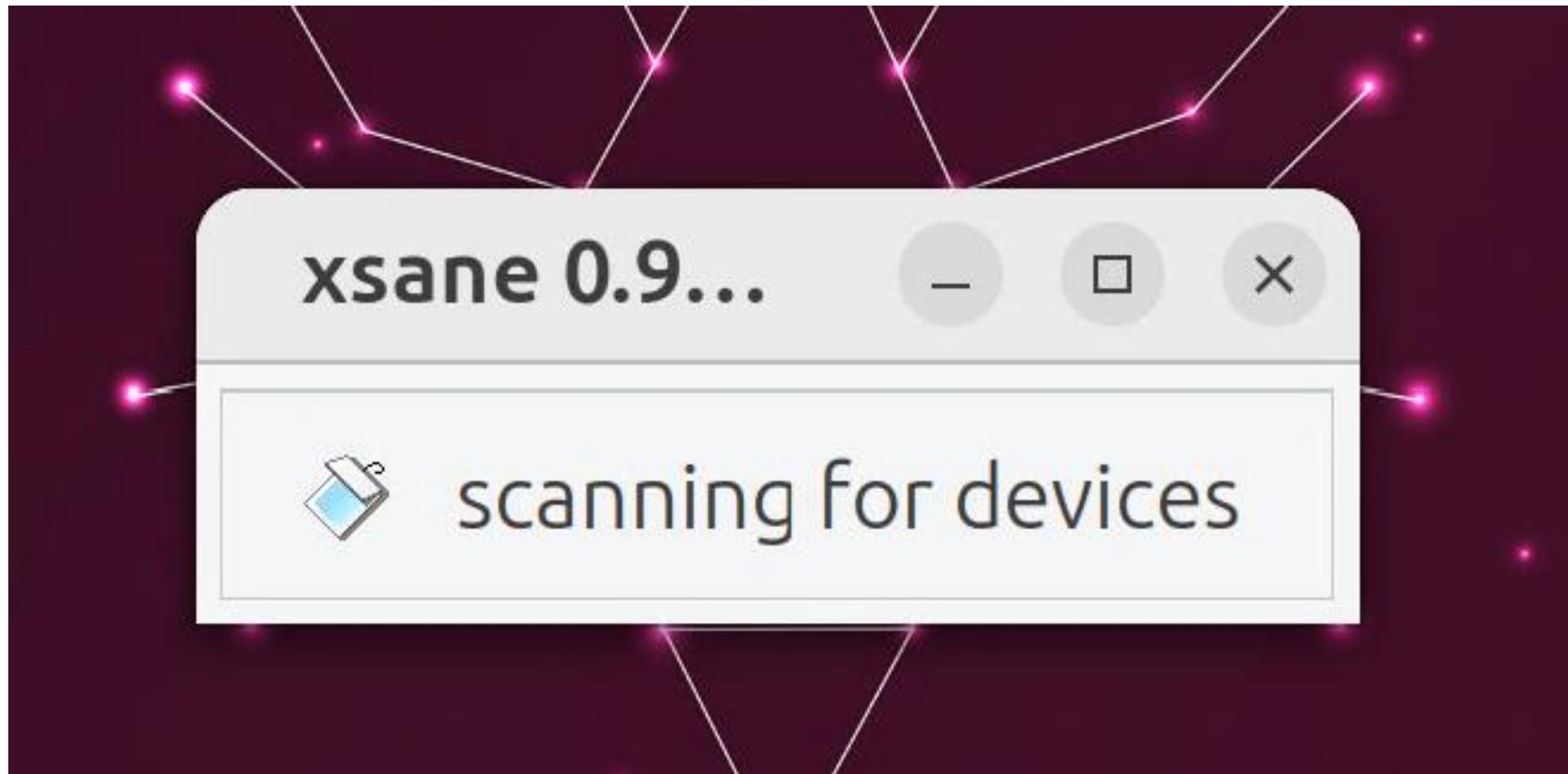
Zoom



XSane







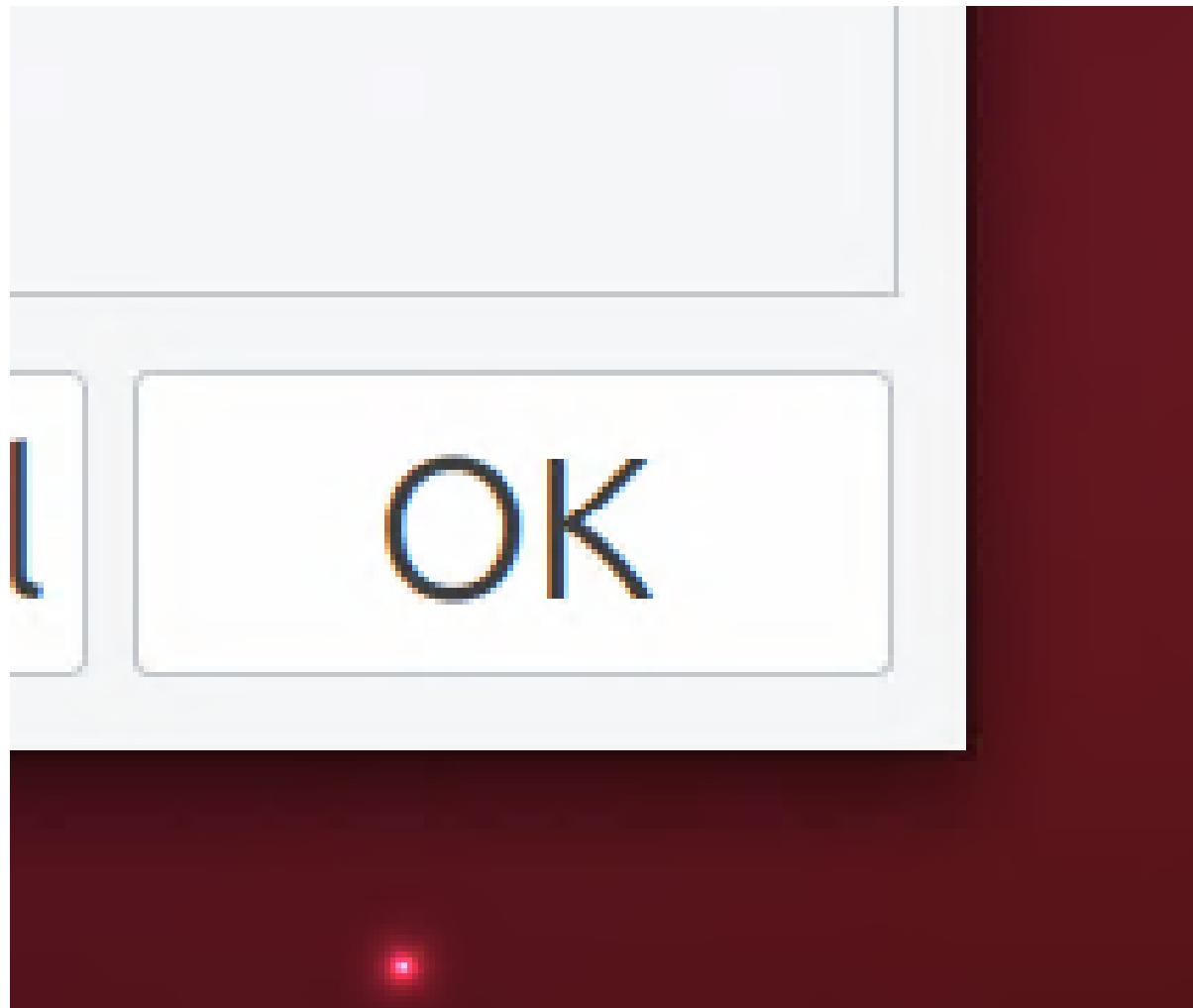


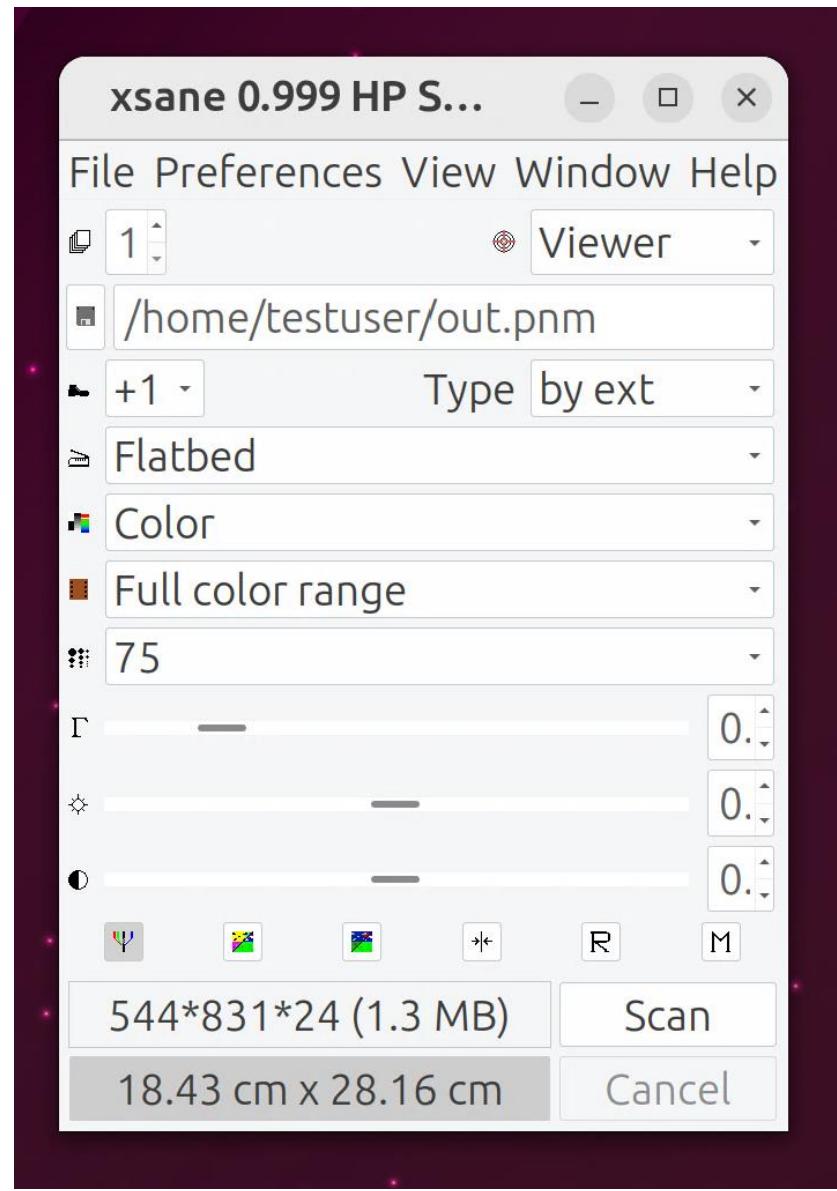
◦ eSCL HP ScanJet Pro 2 ip=::1 [airscan:e0:HP ScanJet Pro 2600 f1 (USB)]

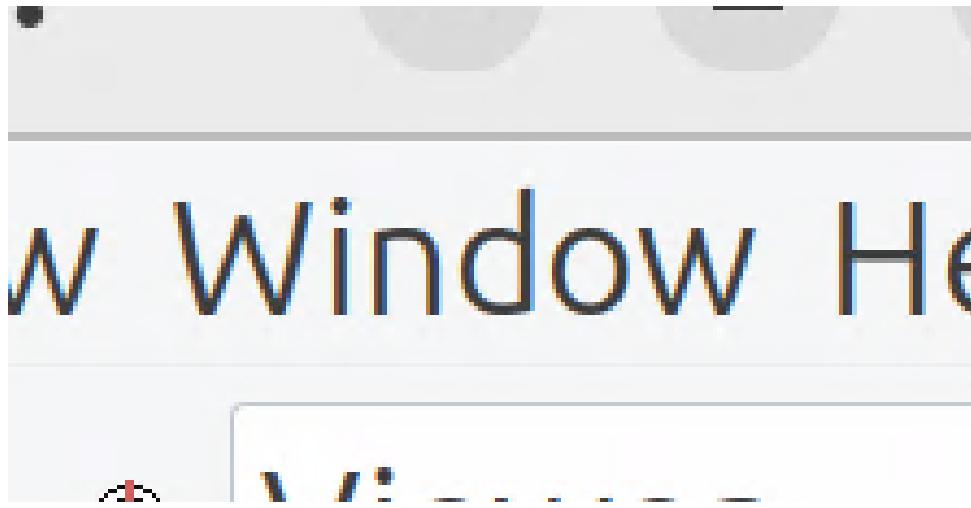
USING "XSane" (continued)

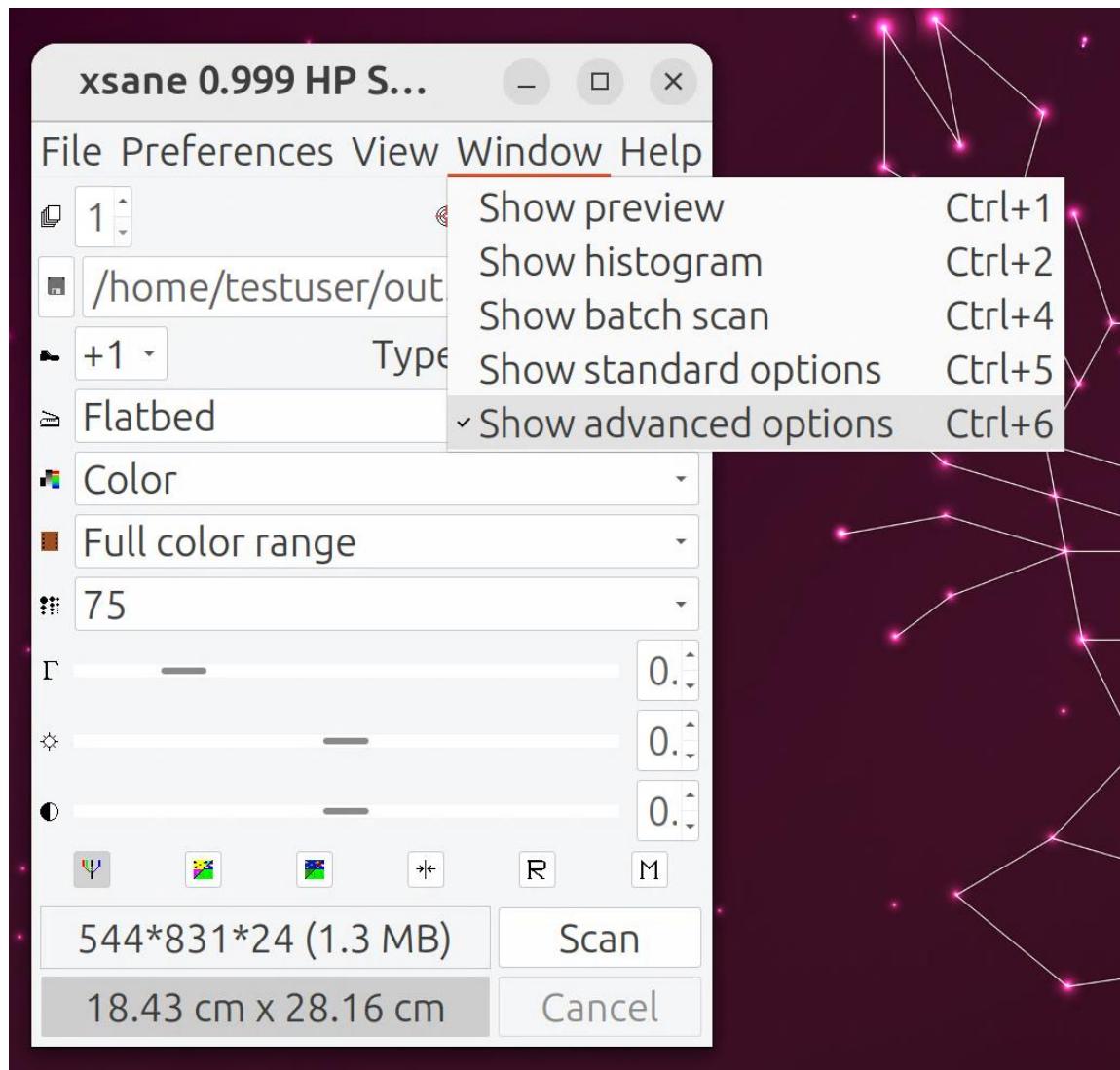
- **STEP X:**
A faint red rectangle will be displayed around the "eSCL" driver:

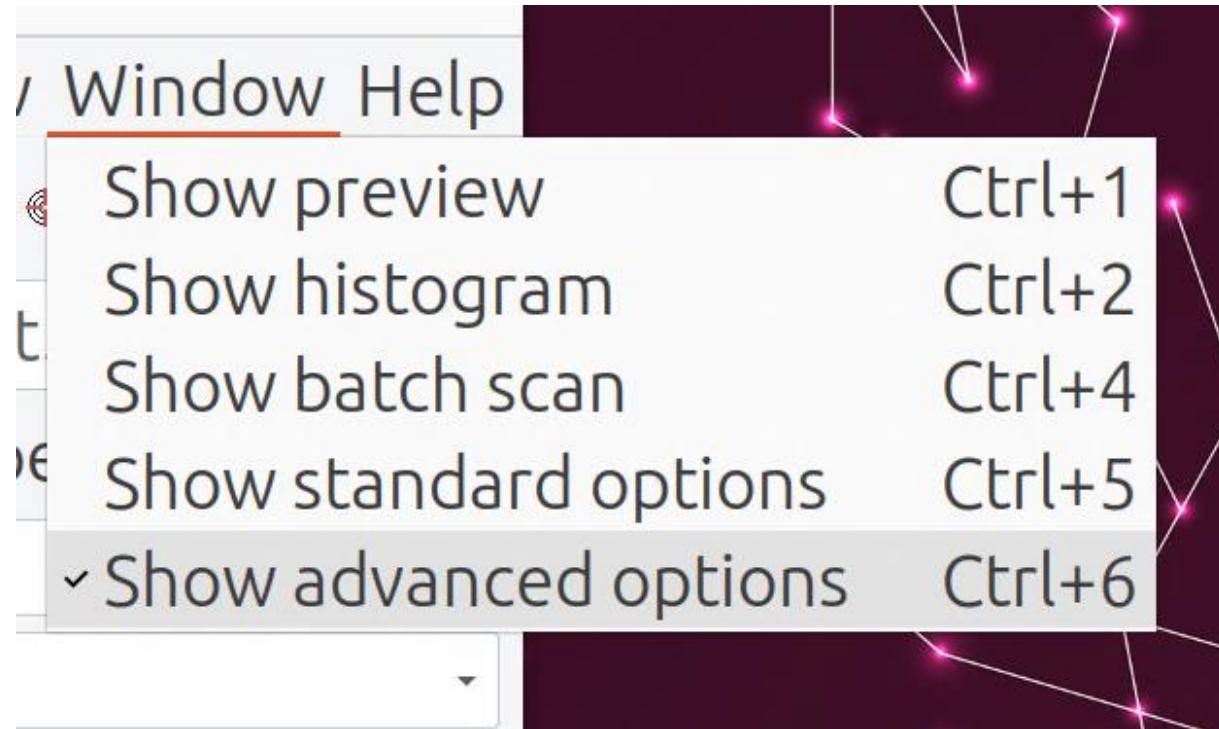


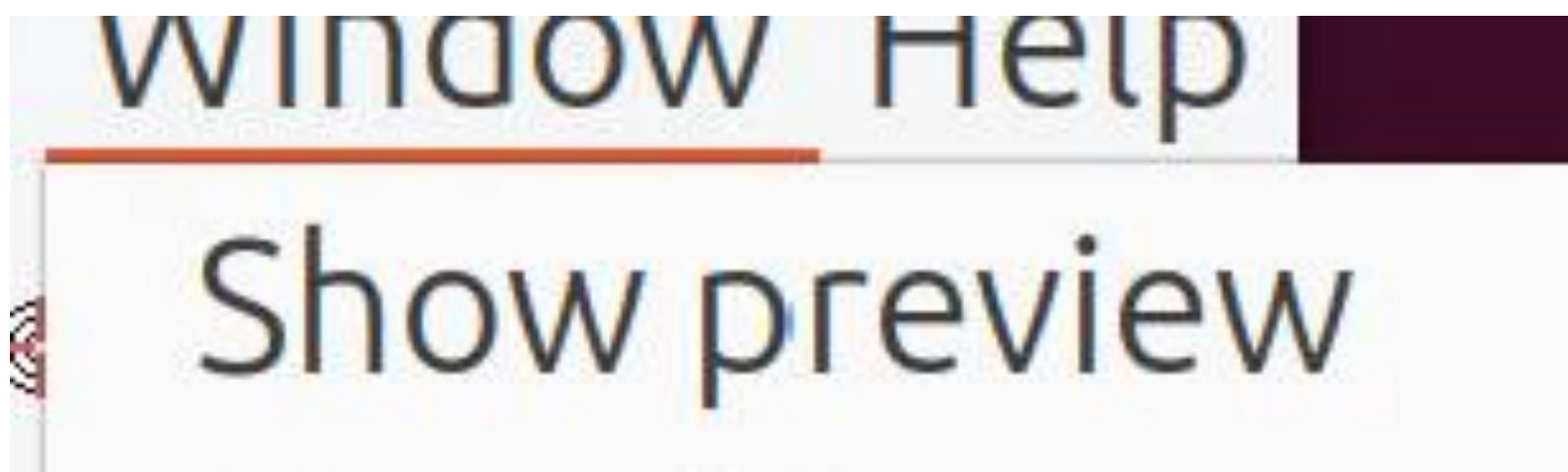












Activities

Firefox Web Browser

May 2 22:02



VueScan Scanner Software

VueScan

EN ▾

VueScan Scanner Software

Can't Find a Driver for Your Scanner? VueScan is here to help

We reverse engineered over 7100 scanners and included built in drivers in
VueScan so you can keep using the scanner you already have.
Download VueScan and start scanning in 60 seconds.

gsgsgs.cxx

zoom

Zoom



gimp.deskt

>_

Terminal



VueScan Scanner Software

Can't Find a Driver for Your Scanner? VueScan is here to help

We reverse engineered over 7100 scanners and included built in drivers in
VueScan so you can keep using the scanner you already have.

Download VueScan and start scanning in 60 seconds.

[Download VueScan](#)

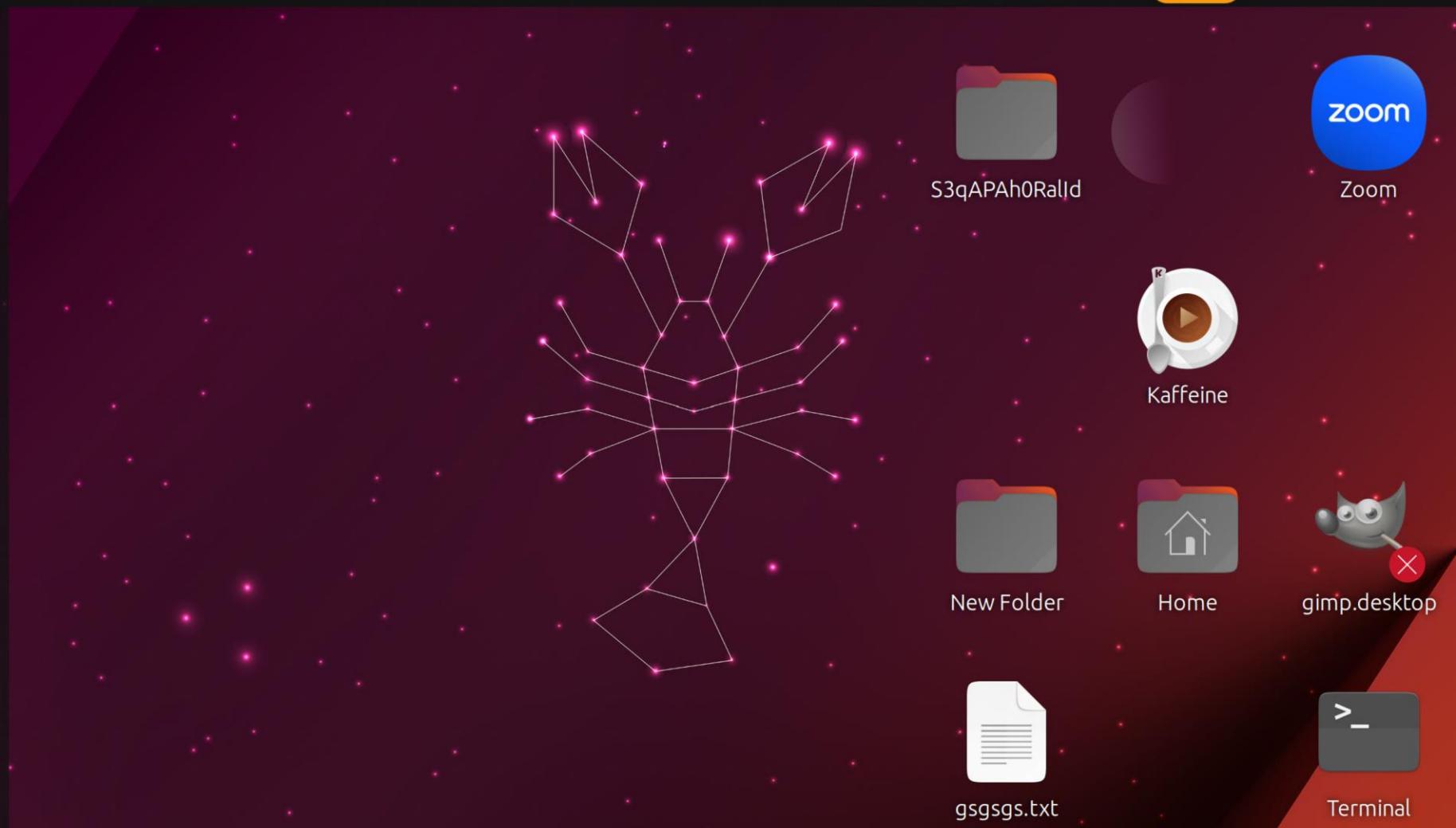
VueScan 9.7.99. March 5, 2023. Built with 64-bit Ubuntu 18.04
[Download VueScan for other operating systems or older versions](#)

Download VueScan

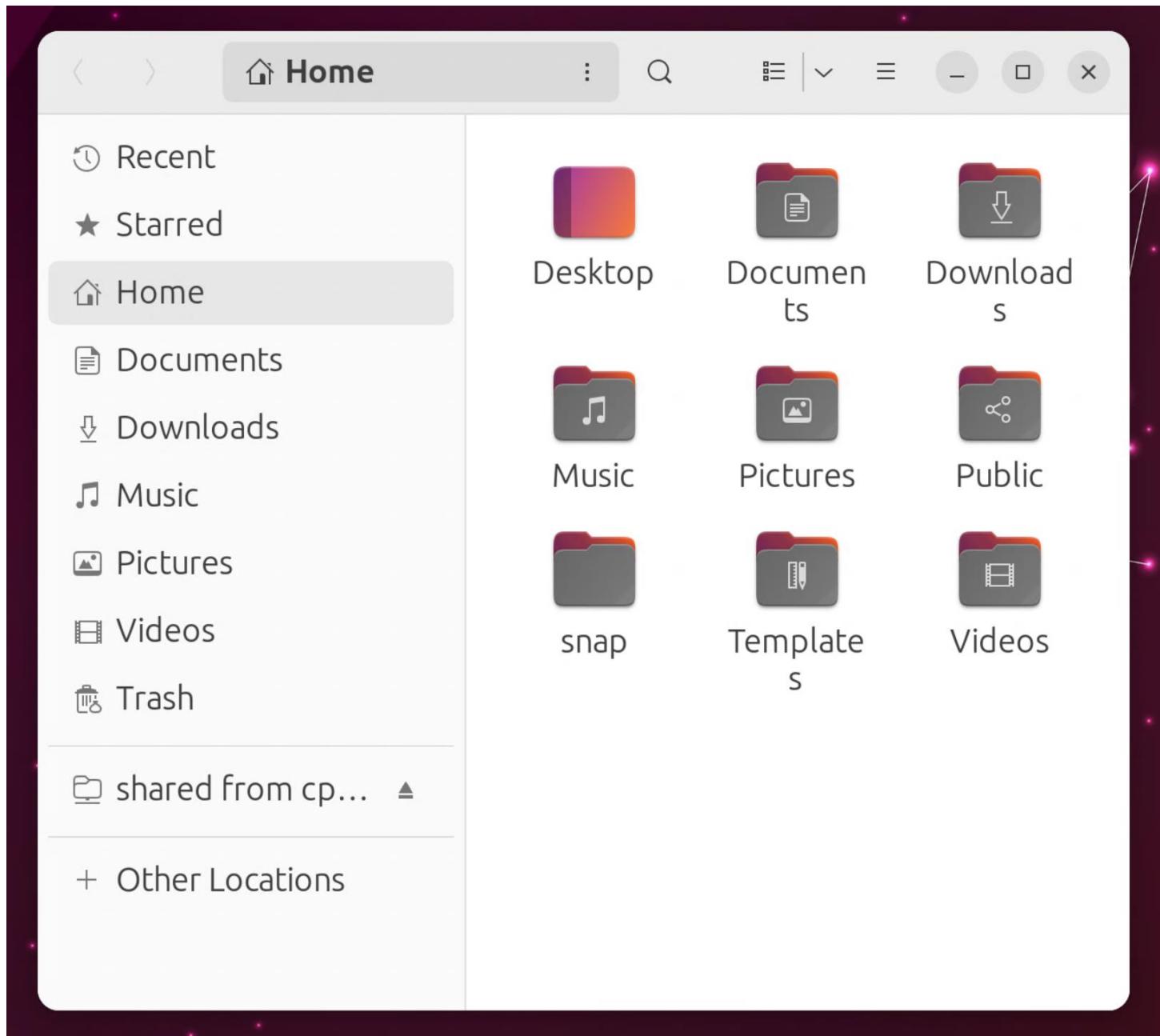


Activities

May 2 22:06



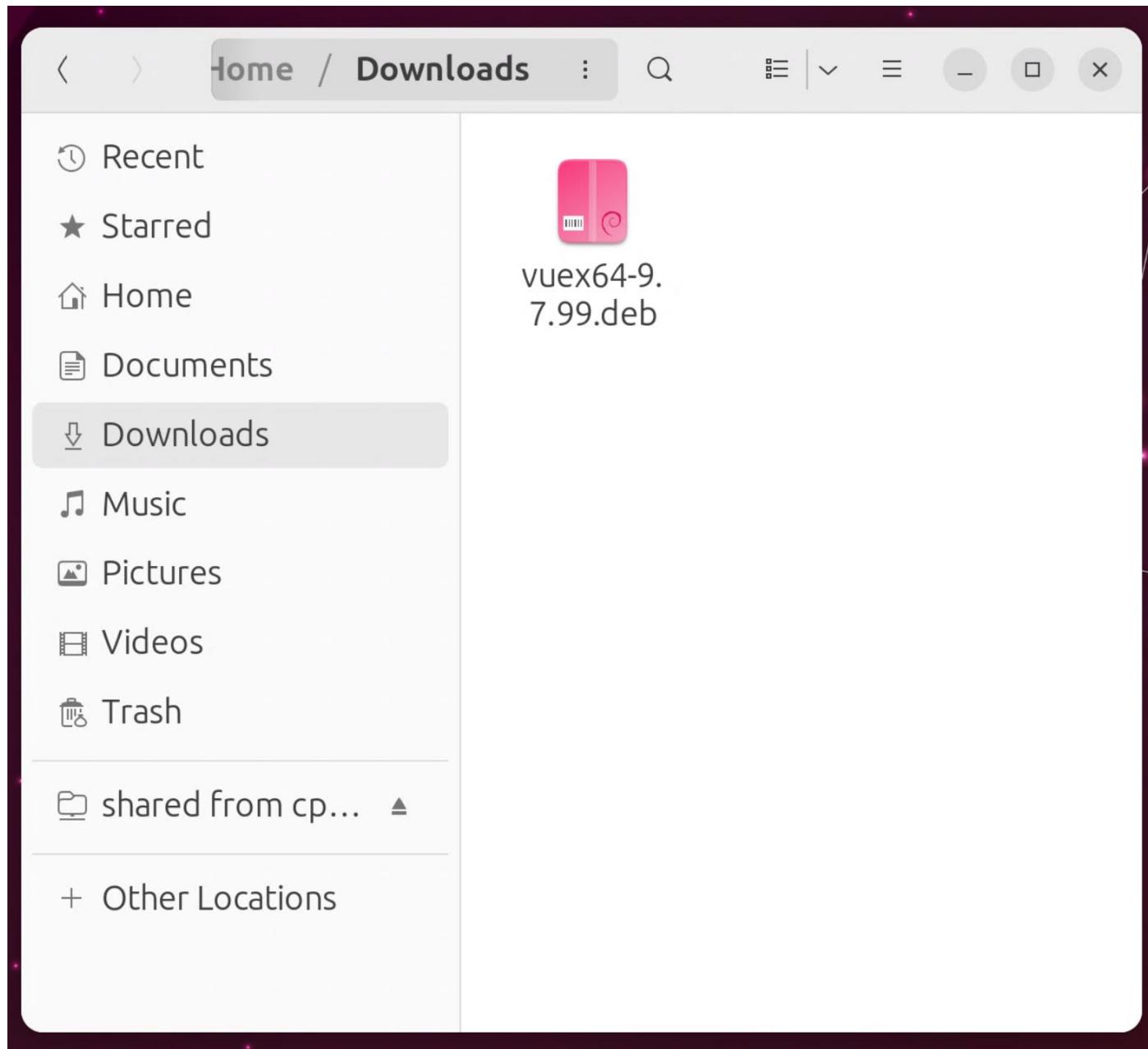






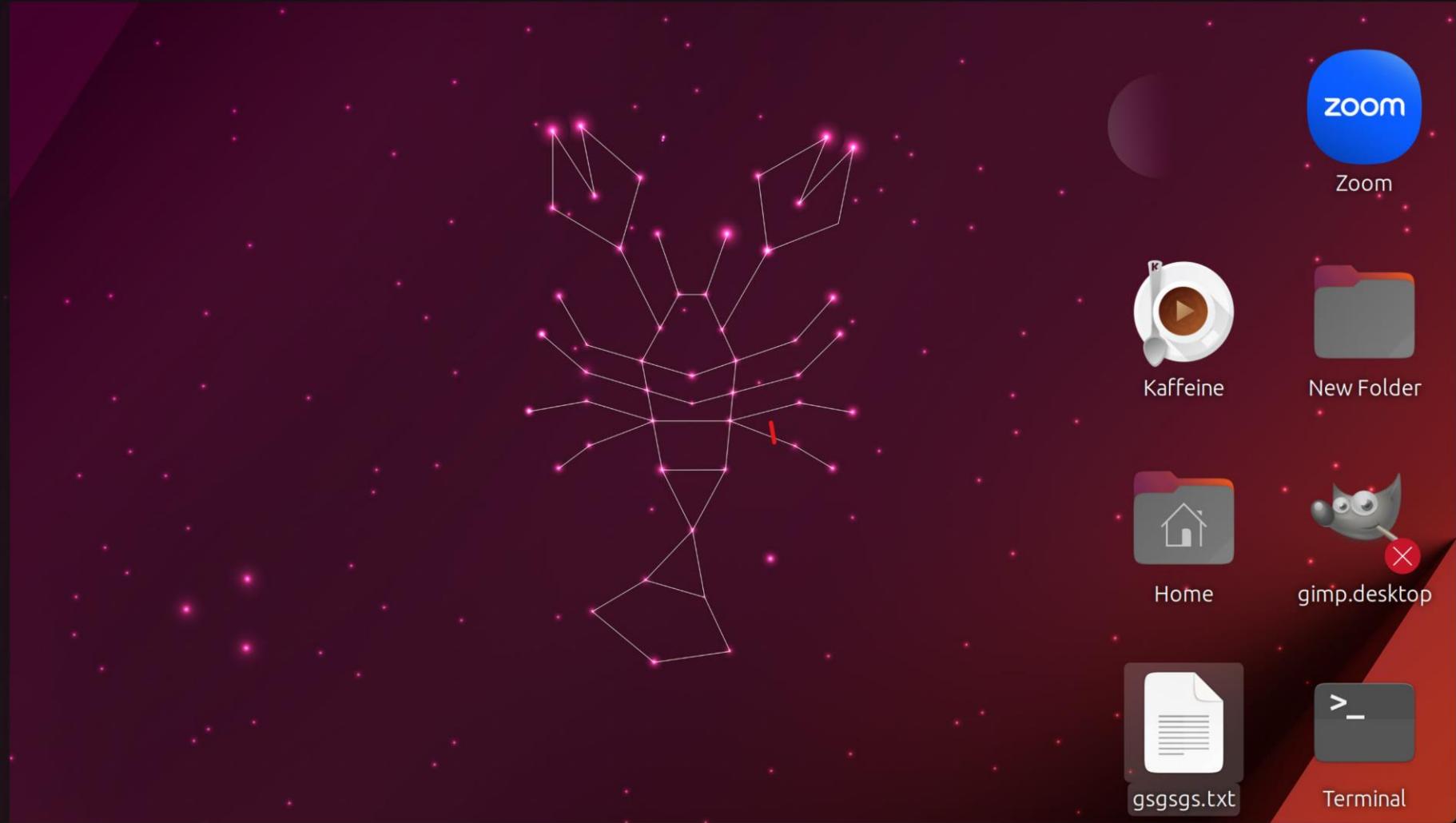
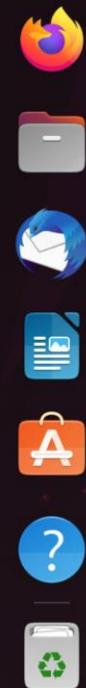
Download

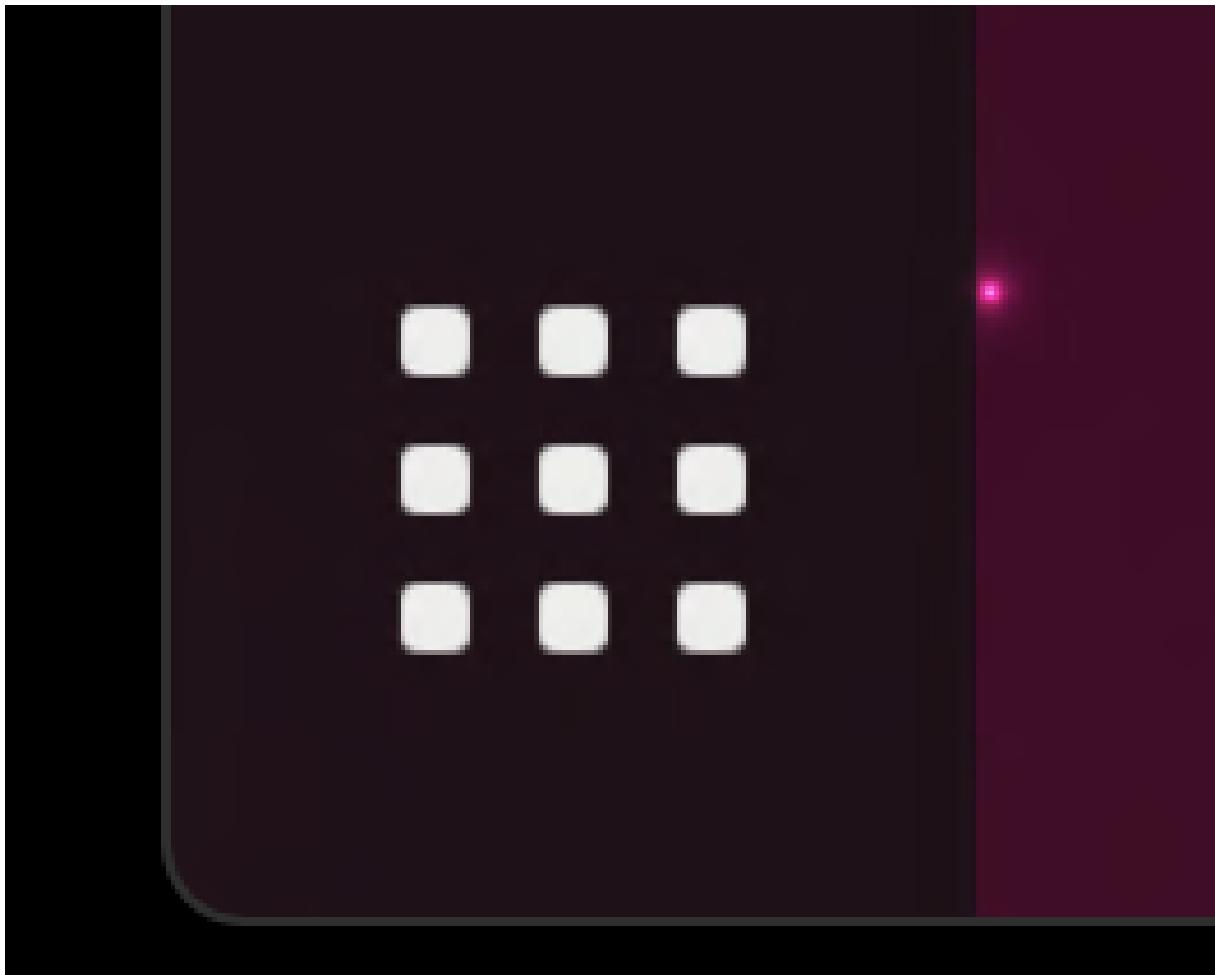
S



Activities

May 2 22:09





Activities

May 2 22:10



Q Type to search



Additi...



AisleRi...



Calendar



GNUI...



Videos



Kaffeine



Calcul...



Langu...



Docu...



LibreO...



Settings



Syste...



LibreO...



Terminal



LibreO...



Utilities



LibreO...



LibreO...



Mahjo...



Cheese



Mines



NVIDI...

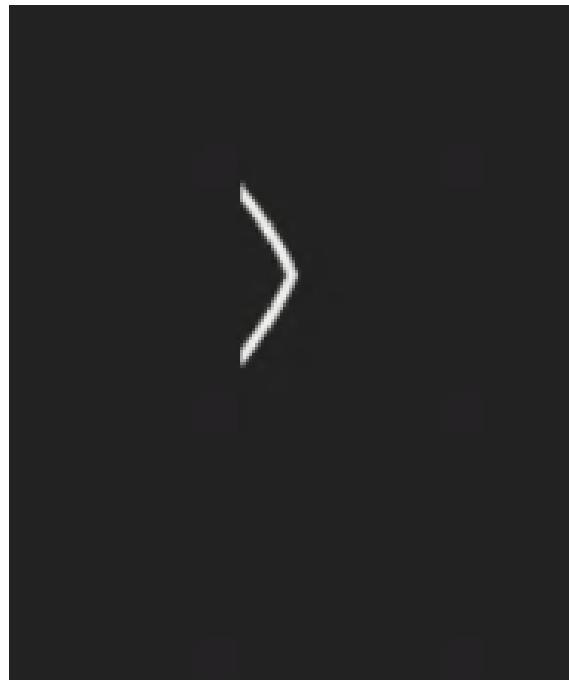


Power ...



PulseA...





Activities

May 2 22:11



Q Type to search



Remm...



Rhyth...



Shotwell



Softw...



Softw...



Startu...



Startu...



Sudoku



Synapt...



Text E...



Trans...



VueScan

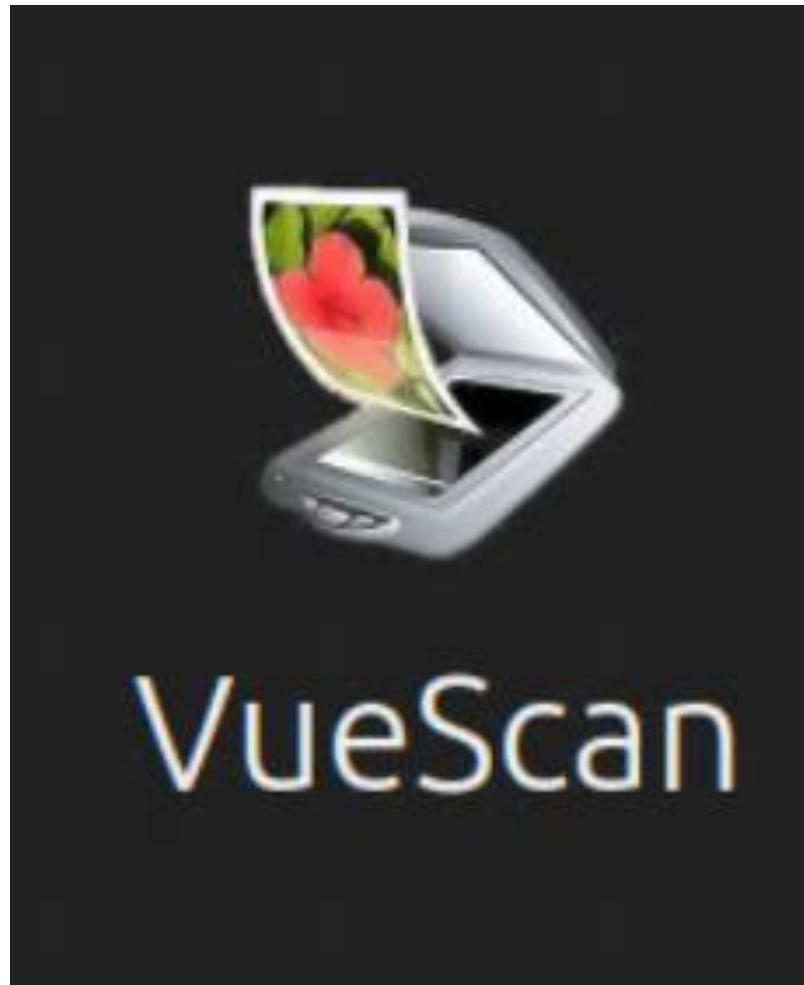


Zoom



XSane





VueScan 9 x64 (9.7.95)
Standard Edition
© 2022 Hamrick Software
www.hamrick.com

VueScan
THE IMAGE IS EVERYTHING



VueScan 9 x64 (9.7.95) - /home/testuser/Pictures



File Edit Scanner Profile Image Help

Input Crop Filter Color Output Prefs

Options: Standard

Source: HP Scanner

Mode: Flatbed

Media: Color

Media size: 8.5 x 11 in.

Preview resolution: Auto

Scan resolution: Auto

Rotation: None

Mirror:

Default folder: /home/testuser/Pictures

File type: PDF

PDF file name:

Overview Cropped area

VueScan 9 x64 (9.7.95)
Standard Edition



HP HP Scanner - Flatbed
Press Preview, adjust crop box, press Scan

Preview

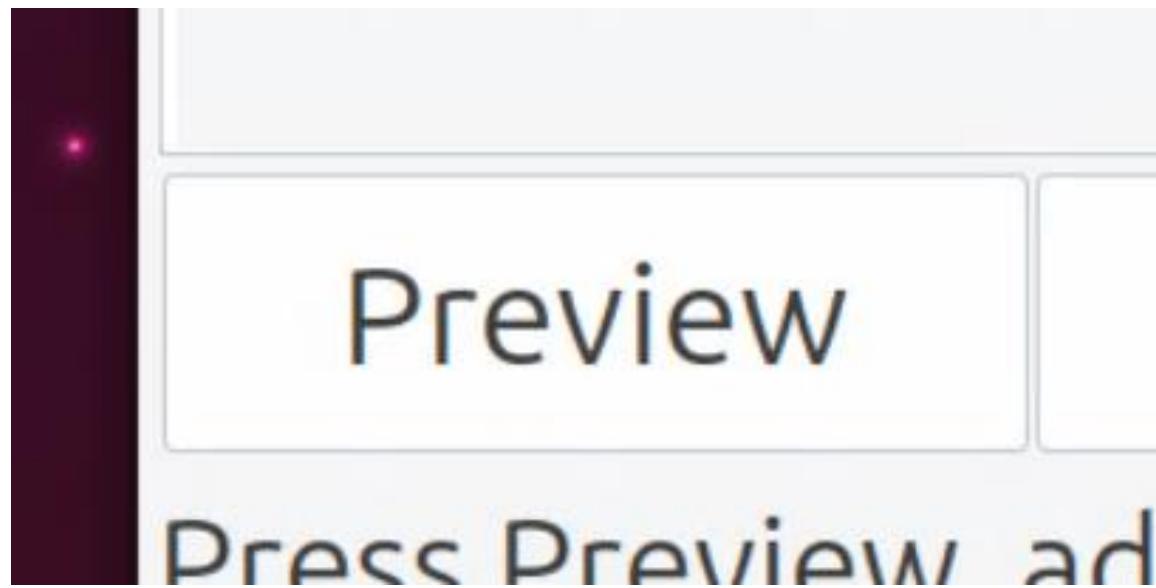
Scan

Save

View



Press Preview, adjust crop b... Input: HP HP Scanner - Flatb... Output: 2550x3300 pixel...



VueScan 9 x64 (9.7.95) - /home/testuser/Pictures



File Edit Scanner Profile Image Help

Input Crop Filter Color Output Prefs

Options: Standard

Source: HP Scanner

Mode: Flatbed

Media: Color

Media size: 8.5 x 11 in.

Preview resolution: Auto

Scan resolution: Auto

Rotation: None

Mirror:

Default folder: /home/testuser/Pictures

File type: PDF

PDF file name:

Overview

Cropped area



Preview

Scan

Save

View

Scan+

Save+

+
🔍

Press Preview, adjust crop box, ...

Input: HP HP Scanner - Flatbed

Output: 2550x3300 pixels 30...

VueScan 9 x64 (9.7.95) - /home/testuser/Pictures

File Edit Scanner Profile Image Help

Input Crop Filter Color Output Prefs

Options: Standard

Source: HP Scanner

Mode: Flatbed

Media: Color

Media size: 8.5 x 11 in.

Preview resolution: Auto

Scan resolution: Auto

Rotation: None

Mirror:

Default folder: /home/testuser/Pictures

File type: PDF

PDF file name:

Overview Cropped area



Preview

Scan

Save

View

Scan+



Press Preview, adjust crop box, ...

Input: HP HP Scanner - Flatbed

Output: 1543x2163 pixels 30...

Scan

Choose the PDF file name

Name: YYYY-MM-DD-0001+.pdf

Save in folder: testuser **Pictures**

Places

- Search
- Recently Used...
- Pictures
- testuser
- Desktop
- File System
- shared from...
- Documents
- Music
- Videos
- Downloads

Name

Name

Choose the PDF file name

Name: YYYY-MM-DD-0001+.pdf

Save in folder: testuser **Pictures**

Places
<input type="radio"/> Search
<input type="radio"/> Recently U...
<input checked="" type="radio"/> Pictures
<input type="radio"/> testuser
<input type="radio"/> Desktop
<input type="radio"/> File System
<input type="radio"/> shared fro...
<input type="radio"/> Documents
<input type="radio"/> Music
<input type="radio"/> Videos
<input type="radio"/> Downloads

Name

YYYY-MM-DD-0001+.pdf

Choose the PDF file name

Name: YYYY-MM-DD-0001+.pdf

Save in folder: testuser Pictures

Create Folder

Places

- @Search
- ① Recently U...
- Pictures**
- ② testuser
- ③ Desktop
- ④ File System
- ⑤ shared fro...
- ⑥ Documents
- ⑦ Music
- ⑧ Videos
- ⑨ Downloads

Name

PDF file (*.pdf) ▾

Cancel Save

Choose the PDF file name

Name: YYYY-MM-DD-0001+.pdf

Save in folder: testuser Pictures

Create Folder

Places

- @Search
- ① Recently U...
- Pictures**
- ② testuser
- ③ Desktop
- ④ File System
- ⑤ shared fro...
- ⑥ Documents
- ⑦ Music
- ⑧ Videos
- ⑨ Downloads

Name

PDF file (*.pdf) ▾

Cancel Save

PDF file (*.pdf) ▾

Cancel

Save

Te

USING "XSane" (continued)

- STEP X:

<https://www.hamrick.com/purchase-vuescan.html>

Purchase VueScan for macOS, Wi X +

hamrick.com/purchase-vuescan.html

 **VueScan** Home Download Purchase Support Blog About EN ▾

VUESCAN PRICING

Save your Scanner from the Landfill

Purchase VueScan and keep using the scanner you already have

[One-time Payment](#) [Monthly Payment](#)

MOST POPULAR

Professional Edition	Standard Edition	Basic Edition
\$99^{.95} The most powerful controls for all your scanners	\$49^{.95} Perfect for scanning projects or longer term use	\$24^{.95} Just the essentials for occasional scanning

