

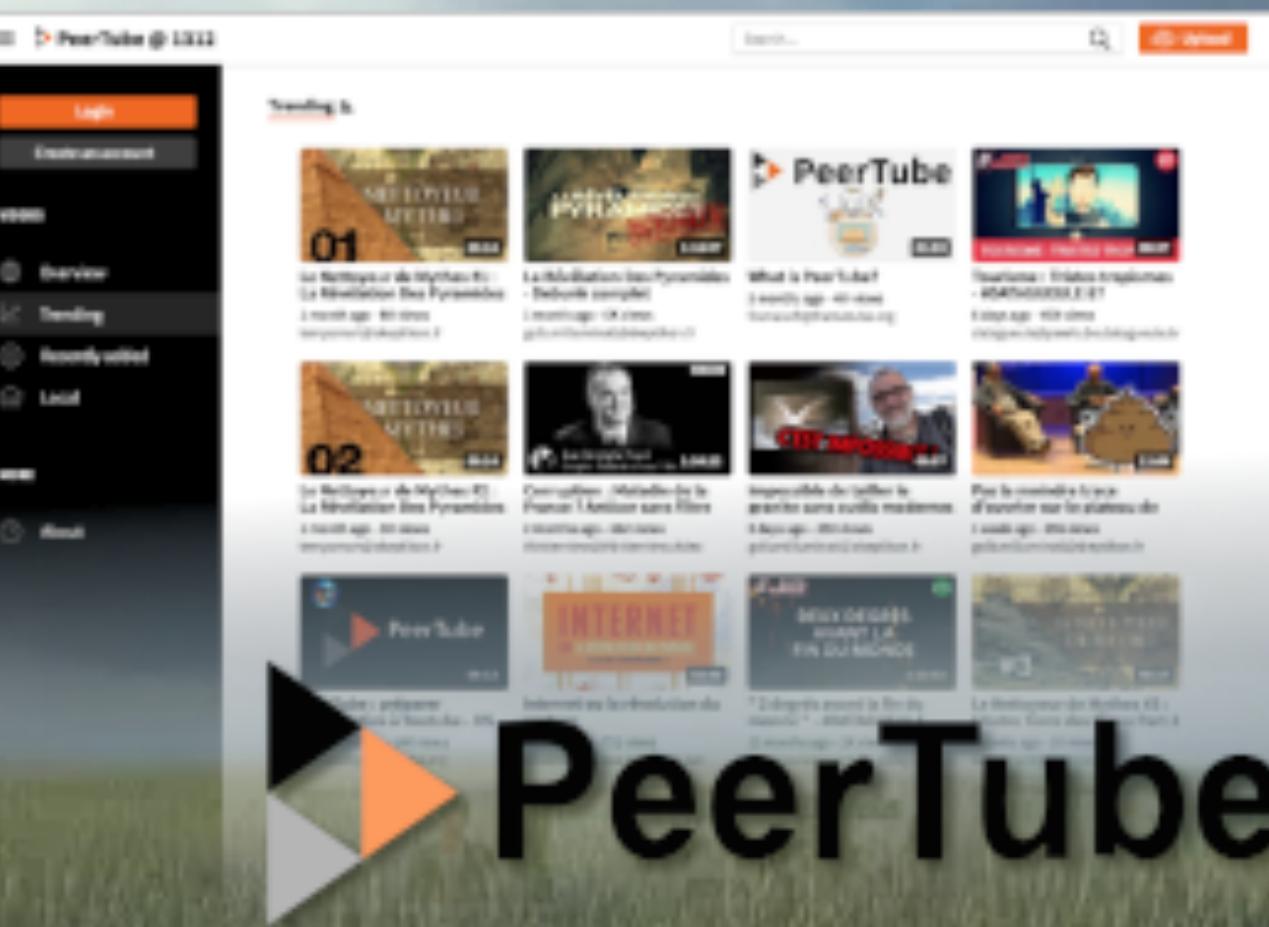
*Découvrez l'auto-hébergement de votre contenu vidéo*



NixOS



PROXMOX



PeerTube

*Ricky  
Ng-Adam*



```
...rwin-config — rngadam@pve: ~ — -bash | ...p ~/Downloads/ep3anNWC0B-1050.avif ... | ...in-config — rngadam@pve: ~ — -bash | ...@pve: ~ — ssh ✧ ssh nixos02-internet | ...ngadam@pve: ~ — ssh home-internet +
```

nix-darwin-config on **main** on  (us-east-1)

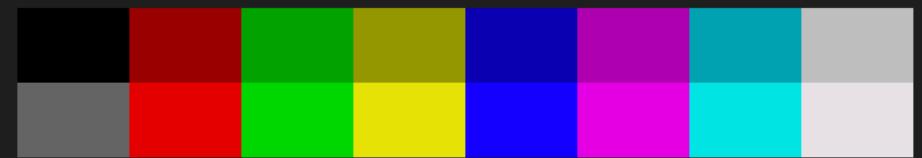
```
> nix run "nixpkgs#neofetch"
```

```
      c.'  
      ,xNMM.  
.OMMMMo  
1MM"  
. ;loddO:. .olloddOl;.  
cKMMMMMMMNWMMMMMM0:  
.KMMMMMMMMMMMMMMMMWd.  
XMMMMMMMMMMMMMMMMMX.  
;MMMMMMMMMMMMMMMMMM:  
:MMMMMMMMMMMMMMMMMM:  
.MMMMMMMMMMMMMMMMMX.  
kMMMMMMMMMMMMMMMMWd.  
'XMMMMMMMMMMMMMMMMk  
'XMMMMMMMMMMMMMMMMMK.  
kMMMMMMMMMMMMMMMMMd  
;KMMMMMMWXXWMMMMMMk.  
"cooc*"      "*coo"
```

**rngadam@rngadam-mac.local**

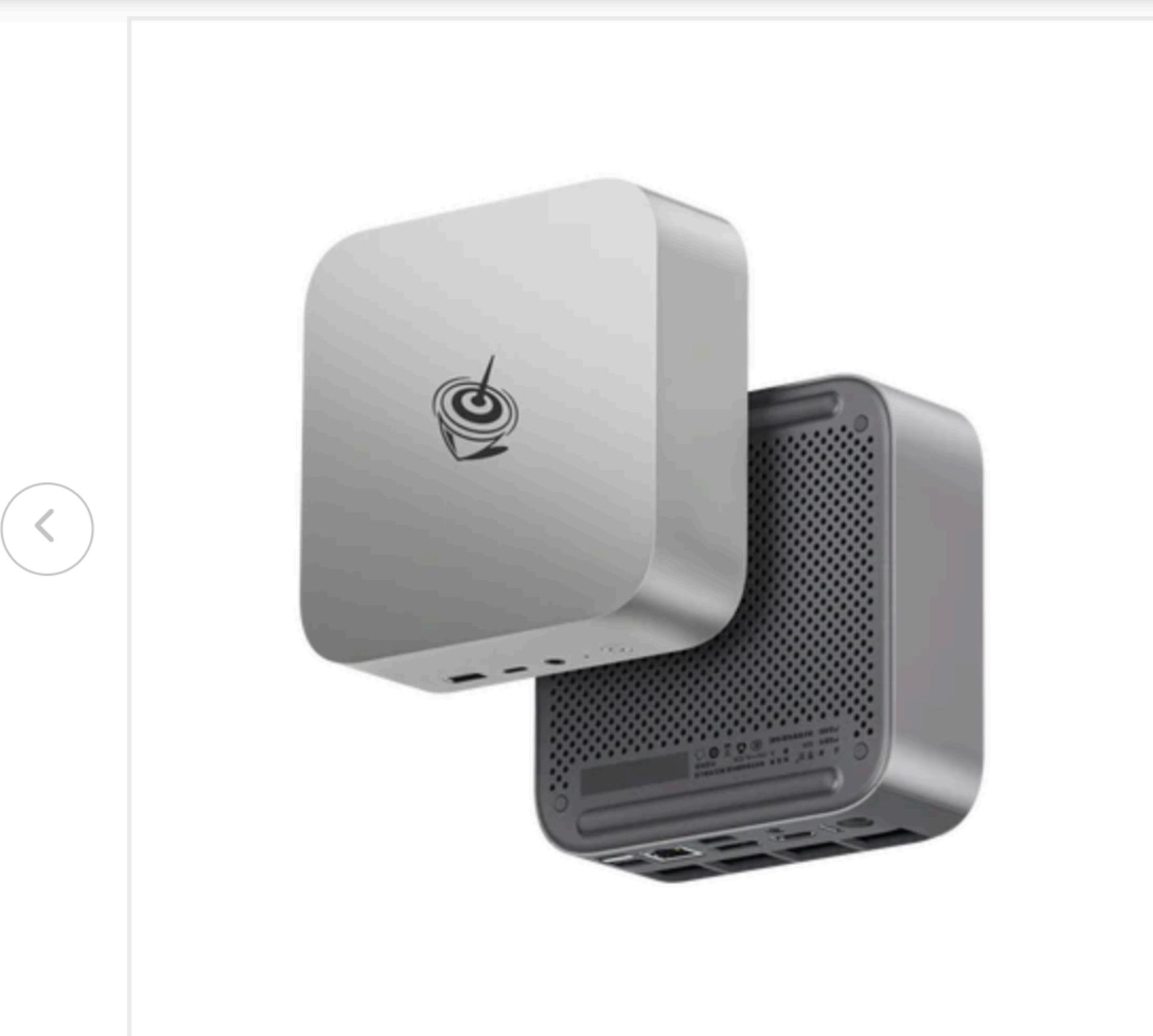
---

**OS:** macOS Monterey 12.7.6 21H1320 x86\_64  
**Host:** MacBookPro13,2  
**Kernel:** 21.6.0  
**Uptime:** 20 hours, 34 mins  
**Packages:** 287 (nix-system), 115 (nix-user)  
**Shell:** bash 5.2.37  
**Resolution:** 2560x1600 , 2560x1440@2x @ -Hz  
**DE:** Aqua  
**WM:** Quartz Compositor  
**WM Theme:** Blue (Dark)  
**Terminal:** Apple\_Terminal  
**Terminal Font:** SFMono-Regular  
**CPU:** Intel i7-6567U (4) @ 3.30GHz  
**GPU:** Intel Iris Graphics 550  
**Memory:** 12220MiB / 16384MiB



```
nix-darwin-config on main on  (us-east-1) took 2s
```

```
> |
```



QTY

  [Add To Cart](#)

### Functional Features

- 🏆 【Powerful CPU AMD Ryzen™ 7 8845HS to Meet Your Needs】 ---AMD Ryzen™ 7 8845HS has CPU & GPU & NPU on one chip. The new Ryzen AI Engine has 16 TOPS of AI performance and supports multiple AI architectures as well as large-scale models, empowering users to handle different AI applications and heavy AI workloads effortlessly.
- 🏆 【Expandable RAM and Storage】 ---SER8 supports dual-channel DDR5 5600MHz RAM of up to 256GB, allowing you to complete commands in just a blink of an eye. There are also dual M.2 PCIe 4.0 SSD slots under the hood, supporting up to 8TB of fast internal storage.
- 🏆 【32dB Near-Silent Operation】 ---Air intake from the bottom is so efficient at dissipating the heat that SER8 needs very low fans speed to stay cool and stable at 65W TDP, ensuring near-silent operation. Integrated metal case not only offers excellent structural integrity but also acts as a noise dampener, providing a quiet computing experience.
- 🏆 【Ultra-Practical Dustproof Design】 ---High-Density Metal filter at the bottom ensures optimal airflow, keeping dust out of the SER8. No more internal dust accumulation, no more dust-related malfunction.
- 🏆 【Triple-display Output】 ---HDMI 2.1 & DisplayPort 1.4 & Full Featured USB4, support triple-display and 4K 144Hz output.



Free  
Shipping

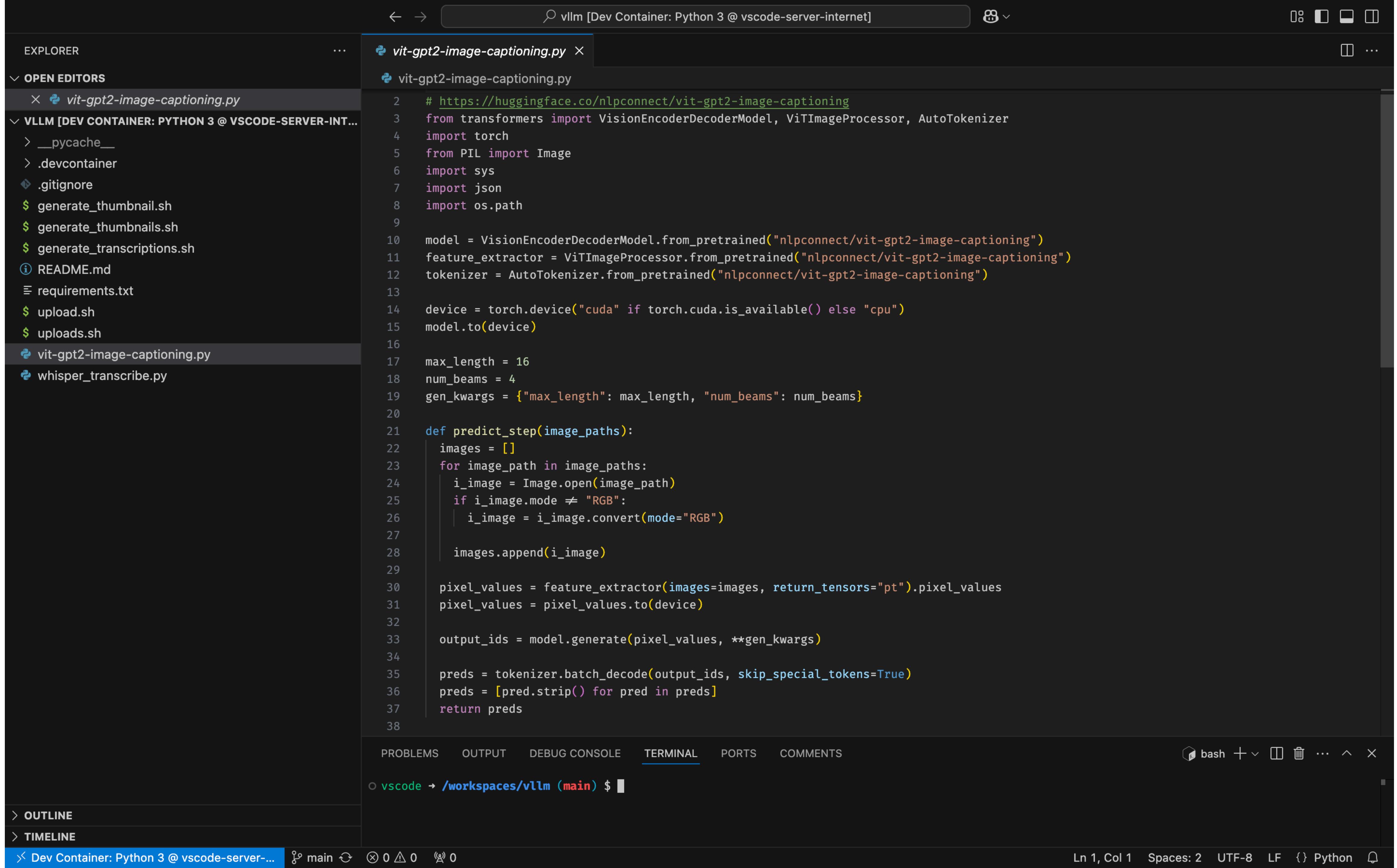


30-Day Risk-Free  
Trial



1 Year  
Warranty

Feedback



```
...rwin-config — rngadam@pve: ~ — -bash | ...p ~/Downloads/ep3anNWC0B-1050.avif ... | ...in-config — rngadam@pve: ~ — -bash | ...@pve: ~ — ssh ✧ ssh nixos02-internet | ...ngadam@pve: ~ — ssh home-internet | +  
[rngadam@pve:~$ neofetch  
  .:::/`          `::/:.  
  `hMMMMMMd/      /dMMMMMMh`  
  `sMMMMMMMd:     :mMMMMMMMs`  
`-/+oo+/:` .yMMMMMMh-  -hMMMMMMMy. `:/+oo+/-`  
`:oooooooo/` -hMMMMMMyyMMMMMMh- `/oooooooo:`  
`/oooooooo: `:mMMMMMMMMMMMMm: `:oooooooo/`  
 ./oooooooo+-+NMNMMMMMN+ -+oooooooo/.  
 .+oooooooo+-`oNMMMNNo` -+oooooooo+.  
 -+oooooooo/.`sMMs`./oooooooo+-  
 :oooooooo/`...`/oooooooo:  
 :oooooooo/`...`/oooooooo:  
 -+oooooooo/.`sMMs`./oooooooo+-  
 .+oooooooo+-`oNMMMNNo` -+oooooooo+.  
 ./oooooooo+-+NMNMMMMMN+ -+oooooooo/.  
 `/oooooooo: `:mMMMMMMMMMMm: `:oooooooo/`  
`:oooooooo/` -hMMMMMMyyMMMMMMh- `/oooooooo: `  
`-/+oo+/:` .yMMMMMMh-  -hMMMMMMMy. `:/+oo+/-`  
 `sMMMMMMm:       :dMMMMMMMs`  
 `hMMMMMMd/       /dMMMMMMh`  
 `::/:`          `::/:`  
  
rngadam@pve  
-----  
OS: Proxmox VE 8.3.3 x86_64  
Host: SER8 V10  
Kernel: 6.8.12-7-pve  
Uptime: 9 hours, 20 mins  
Packages: 946 (dpkg)  
Shell: bash 5.2.15  
Resolution: 2560x1440  
Terminal: /dev/pts/2  
CPU: AMD Ryzen 7 8845HS w/ Radeon 780M Graphics (16) @ 5.100GHz  
GPU: AMD ATI c4:00.0 Phoenix3  
Memory: 4628MiB / 27835MiB  
  
rngadam@pve:~$
```



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# Features

Proxmox Virtual Environment is a powerful open-source server virtualization platform to manage two virtualization technologies - KVM (Kernel-based Virtual Machine) for virtual machines and LXC for containers - with a single web-based interface. It also integrates out-of-the-box-tools for configuring high availability between servers, software-defined storage, networking, and disaster recovery.

## Highlights

Virtualization Management Clustering Authentication HA Network Storage Ceph Firewall Backup Backup Server

## Server Virtualization

Proxmox Virtual Environment is based on Debian GNU/Linux and uses a custom Linux Kernel. The Proxmox VE source code is free, released under the [GNU Affero General Public License, v3](#) (GNU AGPLv3). This means that you are free to use the software, inspect the source code at any time and contribute to the project yourself. You can download the Proxmox VE ISO installer or inspect the code in the public [code repository \(git\)](#).

Using open-source software guarantees full access to all functionality, as well as a high level of reliability and security. We encourage everybody to contribute to the Proxmox VE project, while Proxmox, the company behind it, ensures that the product meets consistent, enterprise-class quality criteria.



Read more about the Proxmox technology

Server View



Virtual Machine 108 (nixos02) on node 'pve' No Tags

Start

Shutdown

Console

More

Help

Datacenter



pve

100 (vsc-server)

101 (backup)

105 (nixos01)

102 (openshift-services)

103 (vmtestrngadam)

104 (vmtest)

106 (tailscale01)

107 (rockylinux01)

108 (nixos02)

109 (sno-node)

110 (nixos-24.11.714127.f5a32fa27df9)

111 (nixos-24.11pre-git)

888 (VM 888)

2000 (cloudimage-Debian12)

3000 (cloudimage-rockylinux9)

localnetwork (pve)

zone1 (pve)

local (pve)

local-lvm (pve)



developers

Summary

Console

Hardware

Cloud-Init

Options

Task History

Monitor

nixos02 (Uptime: 09:21:33)

Status

HA State

Node

CPU usage

Memory usage

Bootdisk size

IPs

Permissions

running

none

pve

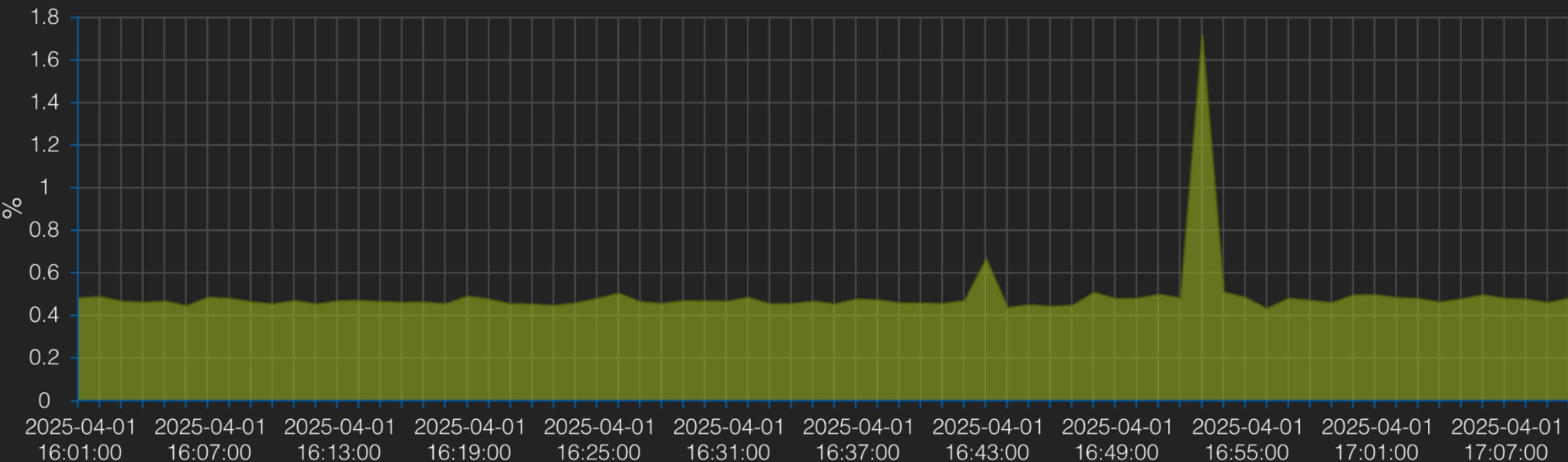
0.36% of 4 CPU(s)

13.66% (1.08 GiB of 7.90 GiB)

32.00 GiB

No Guest Agent configured

CPU usage



Memory usage

8 Gi

7 Gi

Total

RAM usage

Logs



```
[...win-config — rngadam@pve: ~ — bash ...] [...p ~/Downloads/ep3anNWC0B-1050.avif ...] [...] ...in-config — rngadam@pve: ~ — bash [...] ...@pve: ~ — ssh ✧ ssh nixos02-internet [...] ...ngadam@pve: ~ — ssh home-internet [...] ] [...]
```

```
[root@pve:/home/rngadam# /usr/bin/kvm --version
QEMU emulator version 9.0.2 (pve-qemu-kvm_9.0.2-5)
Copyright (c) 2003–2024 Fabrice Bellard and the QEMU Project developers
[root@pve:/home/rngadam# qm showcmd 108
/usr/bin/kvm -id 108 -name 'nixos02,debug-threads=on' -no-shutdown -chardev 'socket,id=qmp,path=/var/run/qemu-server/108.qmp,server=on,wait=off' -mon 'chardev=qmp,mode=control' -chardev 'socket,id=qmp-event,path=/var/run/qmeventd.sock,reconnect=5' -mon 'chardev=qmp-event,mode=control' -pidfile /var/run/qemu-server/108.pid -daemonize -smbios 'type=1,uuid=a58bbbdc-c3a1-4092-bfa1-231671bbf67d' -smp '4,sockets=1,cores=4,maxcpus=4' -nodefaults -boot 'menu=on,strict=on,reboot-timeout=1000,splash=/usr/share/qemu-server/bootsplash.jpg' -vnc 'unix:/var/run/qemu-server/108.vnc,password=on' -cpu host,+kvm_pv_eoi,+kvm_pv_unhalt -m 8092 -object 'iothread,id=iothread-virtioscsi0' -object 'iothread,id=iothread-virtioscsi1' -readconfig /usr/share/qemu-server/pve-q35-4.0.cfg -device 'vmgenid,guid=b2a88bfa-1bc7-40f9-a537-04194e4e9da6' -device 'usb-tablet,id=tablet,bus=ehci.0,port=1' -device 'VGA,id=vga,bus=pcie.0,addr=0x1' -device 'virtio-balloon-pci,id=balloon0,bus=pci.0,addr=0x3,free-page-reporting=on' -iscsi 'initiator-name=iqn.1993-08.org.debian:01:cb2a4f27ad70' -drive 'file=/var/lib/vz/template/iso/nixos-minimal-24.11.714127.f5a32fa27df9-x86_64-linux.iso,if=none,id=drive-ide2,media=cdrom,format=raw,aio=io_uring' -device 'ide-cd,bus=ide.1,unit=0,drive=drive-ide2,id=ide2,bootindex=101' -device 'virtio-scsi-pci,id=virtioscsi0,bus=pci.3,addr=0x1,iothread=iothread-virtioscsi0' -drive 'file=/var/lib/vz/images/108/vm-108-disk-1.qcow2,if=none,id=drive-scsi0,format=qcow2,cache=none,aio=io_uring,detect-zeroes=on' -device 'scsi-hd,bus=virtioscsi0.0,channel=0,scsi-id=0,lun=0,drive=drive-scsi0,id=scsi0,bootindex=100' -device 'virtio-scsi-pci,id=virtioscsi1,bus=pci.3,addr=0x2,iothread=iothread-virtioscsi1' -drive 'file=/dev/pve/vm-108-disk-0,if=none,id=drive-scsi1,format=raw,cache=none,aio=io_uring,detect-zeroes=on' -device 'scsi-hd,bus=virtioscsi1.0,channel=0,scsi-id=0,lun=1,drive=drive-scsi1,id=scsi1' -netdev 'type=tap,id=net0,ifname=tap108i0,script=/var/lib/qemu-server/pve-bridge,downscript=/var/lib/qemu-server/pve-bridgedown,vhost=on' -device 'virtio-net-pci,mac=BC:24:11:02:80:8B,netdev=net0,bus=pci.0,addr=0x12,id=net0,rx_queue_size=1024,tx_queue_size=256' -machine 'type=q35+pve0' -object 'memory-backend-mfd,id=mem,size=8092M,share=on' -numa 'node,memdev=mem' -chardev 'socket,id=char0,path=/run/virtiofsd/108-media.sock' -device 'vhost-user-fs-pci,chardev=char0,tag=108-media'
root@pve:/home/rngadam# ]
```

Dashboard

Dynamic DNS

No-IP Hostnames

Personal Hostnames

DDNS Keys / Groups

Dynamic Update Client

Update Clients

Device Configuration  
Assistant

My Services

Account

Support Center

## Hostnames

My No-IP &gt; Hostnames

Search...

Hostname	Last Update	IP / Target	Type	DDNS Key	
<a href="#">peertube.hopto.org</a> <small>Active</small>	Mar 31, 2025 18:34 PDT	206.172.180.76	A	Status:  Active Username: b9hvc3s	

## Help with Hostnames

[Configure Your No-IP Hostname](#)

Ever wondered what the difference is between Round Robin, A, CNAME records, and more? A quick guide of each DNS record type as well as how you would use them.

[Managed DNS API](#)

Allows you to directly administer and control your DNS. Easily manage your DNS configurations, essential account features, and effortlessly automate the creation of new hosts -- all within the streamlined environment of our API.

[Contact Sales](#)

Dark Mode

## DDNS (DNS dynamique)



État

DDNS



État actuel :

SYNCHRONISÉ

Fournisseur :

NoIP

Nom d'utilisateur :

b9hvc3s

Mot de passe :

.....

Nom de l'hôte :

all.ddnskey.com

[Annuler](#)[Enregistrer](#)

docs	CNAME	N/A	4 h	ghs.googlehosted.com										
drive	CNAME	N/A	4 h	coderbunker.hopto.org										
drive	CNAME	N/A	4 h	ghs.googlehosted.com										
groups	CNAME	N/A	4 h	ghs.googlehosted.com										
hangouts	CNAME	N/A	4 h	ghs.googlehosted.com										
mail	CNAME	N/A	4 h	ghs.googlehosted.com										
<p><b>Modifier l'enregistrement</b></p> <table> <thead> <tr> <th>HÉBERGEUR</th> <th>TYPE</th> <th>PRIORITÉ</th> <th>TTL</th> <th>DONNÉES D'ALIAS</th> </tr> </thead> <tbody> <tr> <td>peertube</td> <td>CNAME</td> <td>—</td> <td>30 min</td> <td>peertube.hopto.org</td> </tr> </tbody> </table> <p>La valeur TTL correspond à la durée pendant laquelle les serveurs DNS attendent avant d'actualiser l'enregistrement.</p> <p>Par exemple, www.exemple.com</p>					HÉBERGEUR	TYPE	PRIORITÉ	TTL	DONNÉES D'ALIAS	peertube	CNAME	—	30 min	peertube.hopto.org
HÉBERGEUR	TYPE	PRIORITÉ	TTL	DONNÉES D'ALIAS										
peertube	CNAME	—	30 min	peertube.hopto.org										
plus	CNAME	N/A	4 h	ghs.googlehosted.com										
sheets	CNAME	N/A	4 h	ghs.googlehosted.com										
sites	CNAME	N/A	4 h	ghs.googlehosted.com										
slides	CNAME	N/A	4 h	ghs.googlehosted.com										
start	CNAME	N/A	4 h	ghs.googlehosted.com										
vault	CNAME	N/A	4 h	ghs.googlehosted.com										
www	CNAME	N/A	4 h	coderbunker.netlify.app										
@	TXT	N/A	4 h	v=spf1 include:_spf.google.com										

```
Host *
  ControlPath ~/.ssh/controlmasters/%r@%h:%p
  ControlMaster auto
  ControlPersist yes

Host home
  HostName 192.168.2.226
  ForwardAgent yes
  ControlMaster no
  ControlPersist no
  LocalForward 8006 localhost:8006

Host home-ethernet
  HostName 192.168.5.1
  ForwardAgent yes

Host home-internet
  HostName peertube.hopto.org
  ForwardAgent yes

Host vscode-server
  HostName 192.168.4.2
  ProxyJump rngadam@home
  User rngadam
  ForwardAgent yes
  LocalForward 3389 127.0.0.1:3389
  LocalForward 4000 127.0.0.1:4000

Host vscode-server-internet
  HostName 192.168.4.2
  ProxyJump rngadam@home-internet
  User rngadam
  ForwardAgent yes
```

```
...rwin-config — rngadam@pve: ~ — -bash | ...p ~/Downloads/ep3anNWC0B-1050.avif ... | ...in-config — rngadam@pve: ~ — -bash | ...@pve: ~ — ssh ▾ ssh nixos02-internet | ...ngadam@pve: ~ — ssh home-internet +
```

[rngadam in ⓘ nixos02 in ~]> nix run "nixpkgs#neofetch"



**rngadam@nixos02**

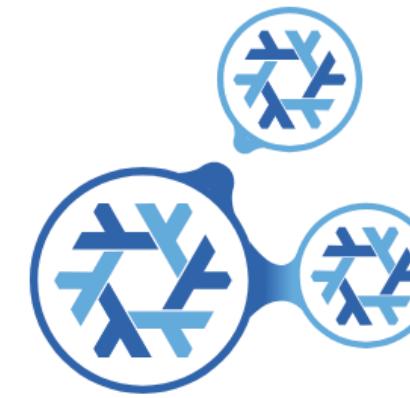
-----

**OS:** NixOS 24.11.20250206.f5a32fa (Vicuna) x86\_64  
**Host:** KVM/QEMU (Standard PC (Q35 + ICH9, 2009) pc-q35-9.0)  
**Kernel:** 6.6.75  
**Uptime:** 9 hours, 2 mins  
**Packages:** 431 (nix-system), 196 (nix-user)  
**Shell:** bash 5.2.37  
**Resolution:** 1280x800  
**Terminal:** /dev/pts/0  
**CPU:** AMD Ryzen 7 8845HS w/ Radeon 780M Graphics (4) @ 3.792GHz

**GPU:** Vendor 1234 Device 1111  
**Memory:** 748MiB / 7846MiB



```
rngadam in ⓘ nixos02 in ~>
```



## Reproducible

Nix builds packages in isolation from each other. This ensures that they are reproducible and don't have undeclared dependencies, so **if a package works on one machine, it will also work on another.**



## Declarative

Nix makes it **trivial to share development and build environments** for your projects, regardless of what programming languages and tools you're using.



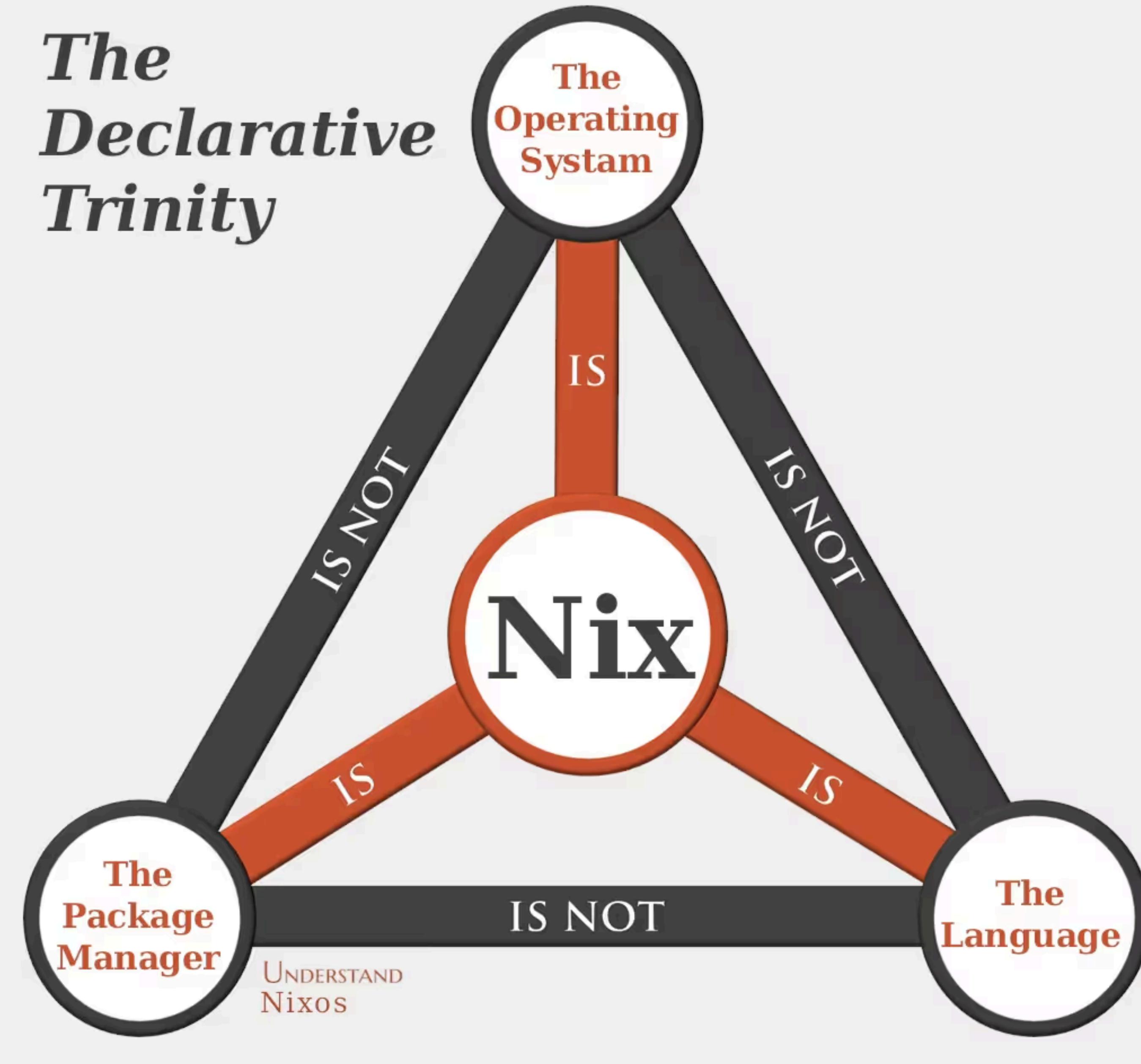
## Reliable

Nix ensures that installing or upgrading one package **cannot break other packages**. It allows you to **roll back to previous versions**, and ensures that no package is in an inconsistent state during an upgrade.

## Choose from Thousands of Packages

The Nix Packages collection ([Nixpkgs](#)) is a set of **over 120 000 packages** for the Nix package manager.

# *The Declarative Trinity*



rngadam/nixos: Flakes config x +

https://github.com/rngadam/nixos

nixos Public

Unpin Unwatch 1 Fork 0 Star 0

main 1 Branch 0 Tags Go to file Code

**rngadam persist group lxc\_shares** a475bdc · 2 months ago 11 Commits

- secrets add secrets and setup peertube and virtiofs ... 2 months ago
- .gitignore add home-manager 2 months ago
- caddy.nix fix token issue by defining webserver config ... 2 months ago
- configuration.nix add change to setup peertube upload pipeline 2 months ago
- docker.nix setup vscode-server and devcontainers but ... 2 months ago
- flake.lock setup vscode-server and devcontainers but ... 2 months ago
- flake.nix add change to setup peertube upload pipeline 2 months ago
- hardware-configuration.nix add home-manager 2 months ago
- home.nix add home-manager 2 months ago
- peertube.nix use binding in /var/lib for the services datadir 2 months ago
- tailscale.nix add secrets and setup peertube and virtiofs ... 2 months ago

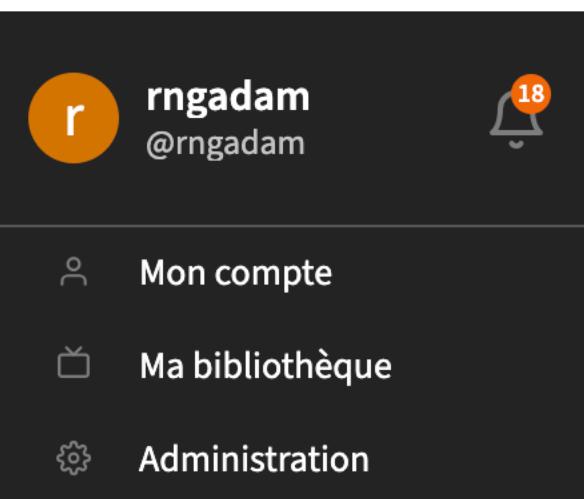
Flakes configuration for homelab machines

Activity 0 stars 1 watching 0 forks

Releases No releases published Create a new release

Packages No packages published Publish your first package

Languages Nix 100.0%

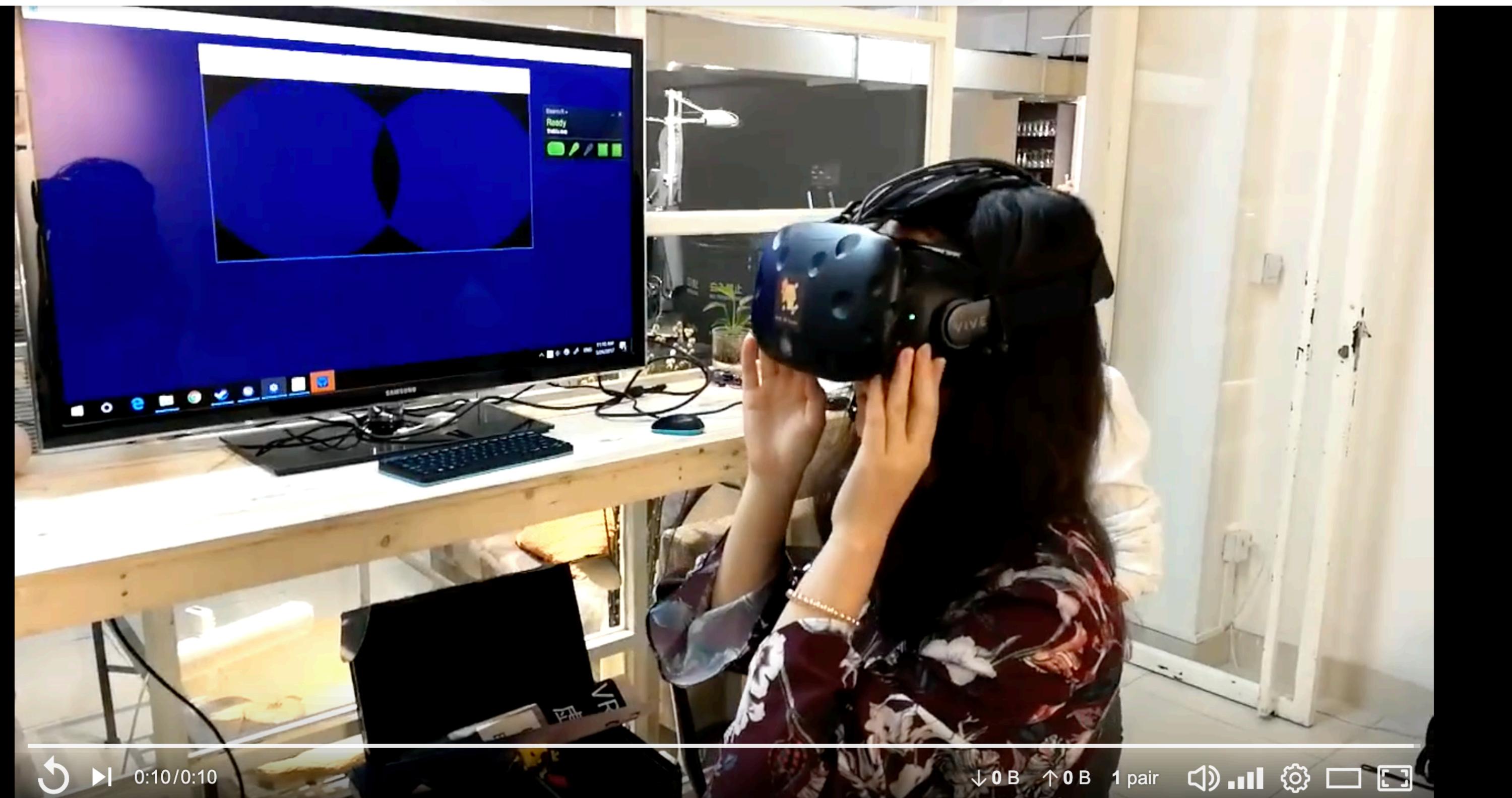


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- ▶ Vidéos
- ⋮ Listes de lecture
- 🎬 Abonnements
- ⌚ Historique

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- 🌐 Découvrir
- ↗️ Tendances
- ➕ Ajoutées récemment
- 🏠 Vidéos locales



two women are looking at a computer screen

Autres vidéos LECTURE AUTOMATIQUE

Publié il y a 1 mois • 0 vues



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...

À propos



ricky

Par rngadam

S'abonner ▾

13:07

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a large open area with a large white refrigerator

Il y a 1 mois • 0 vues

ricky

Non listée - Publiée

✎ Mise à jour

...



a large group of people standing around each other

Il y a 1 mois • 1 vue

ricky

Non listée - Publiée

✎ Mise à jour

...



a car parked in a parking lot next to a boat

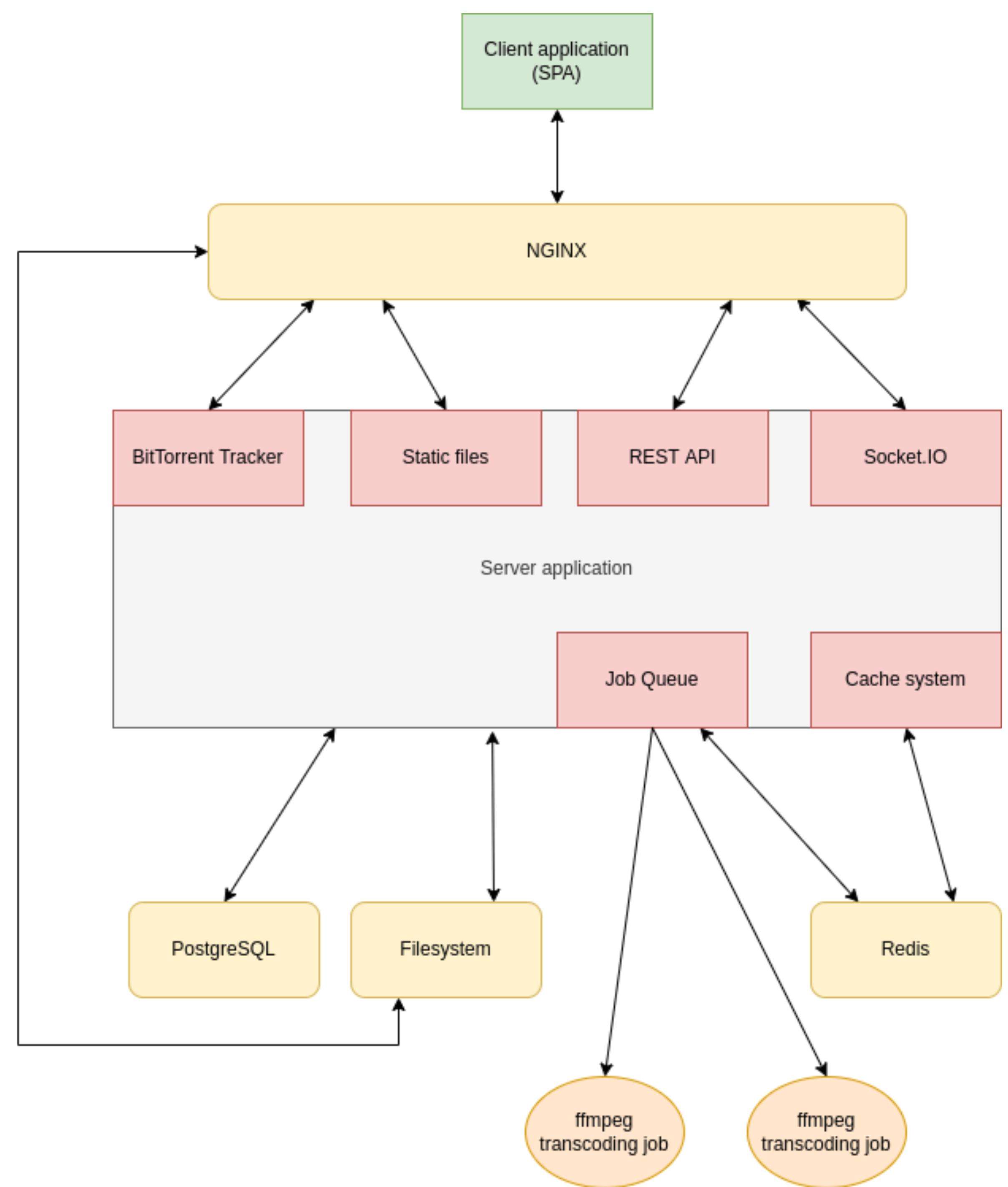
Il y a 1 mois • 0 vues

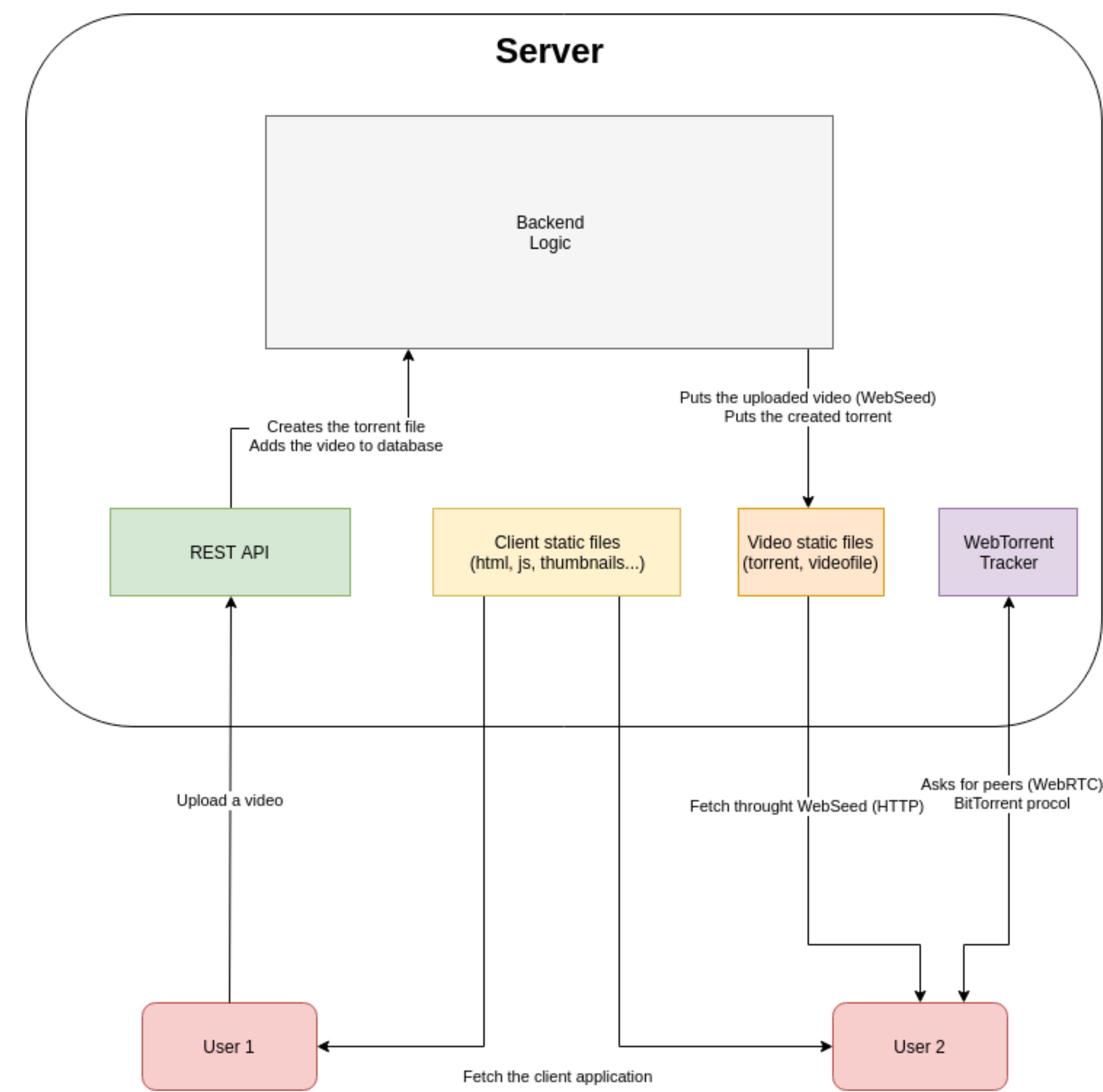
ricky

Non listée - Publiée

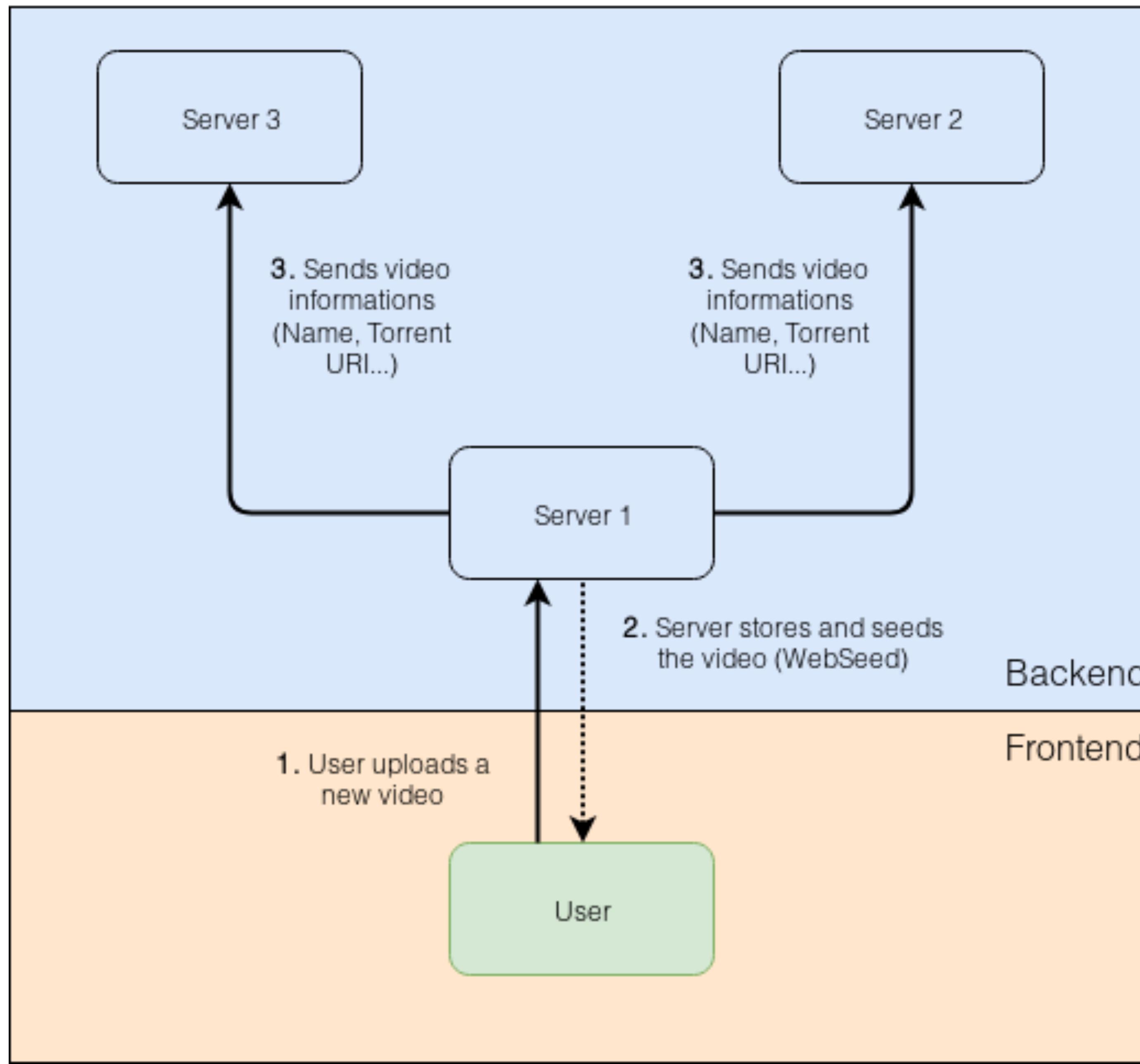
✎ Mise à jour

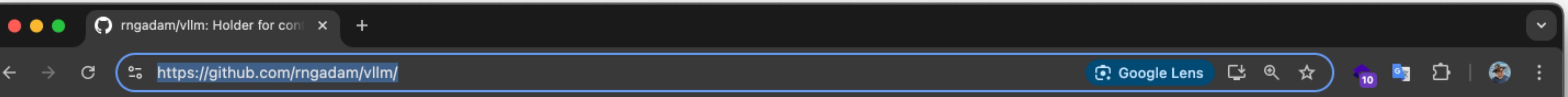
...





# Decentralized network





## README

```
MEDIADIR=/media/Videos
# generate a thumbnail for each file with video content in the direc
# (videos are autodetected, other filetypes rejected)
./generate_thumbnails.sh $MEDIADIR/*

# generate a one-liner caption for each thumbnail that does not alre
python vit-gpt2-image-captioning.py $MEDIADIR/*thumbnail.jpg

# generate a transcription of the video audio
# (videos are autodetected)
./whisper_transcribe.py $MEDIADIR/*

# upload all videos
# (videos must have thumbnail, transcription, caption)
./uploads.sh $MEDIADIR/*
```