

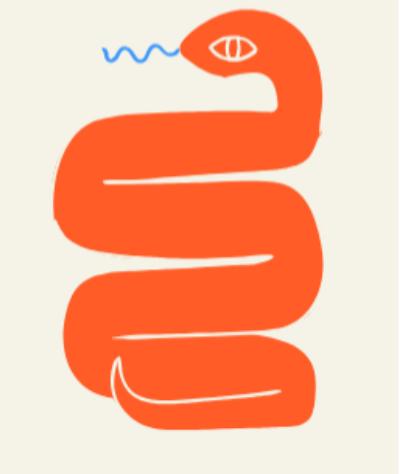
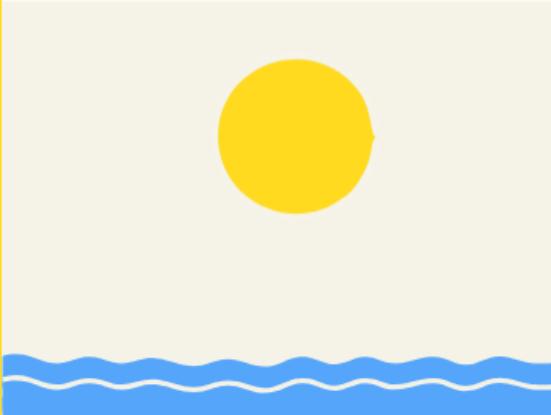
Nix nixpkgs NixOS, nix store vs FHS: Google IDX, Replit,
GitPod, Canva, Shopify, Tumblr



NATAL/RN



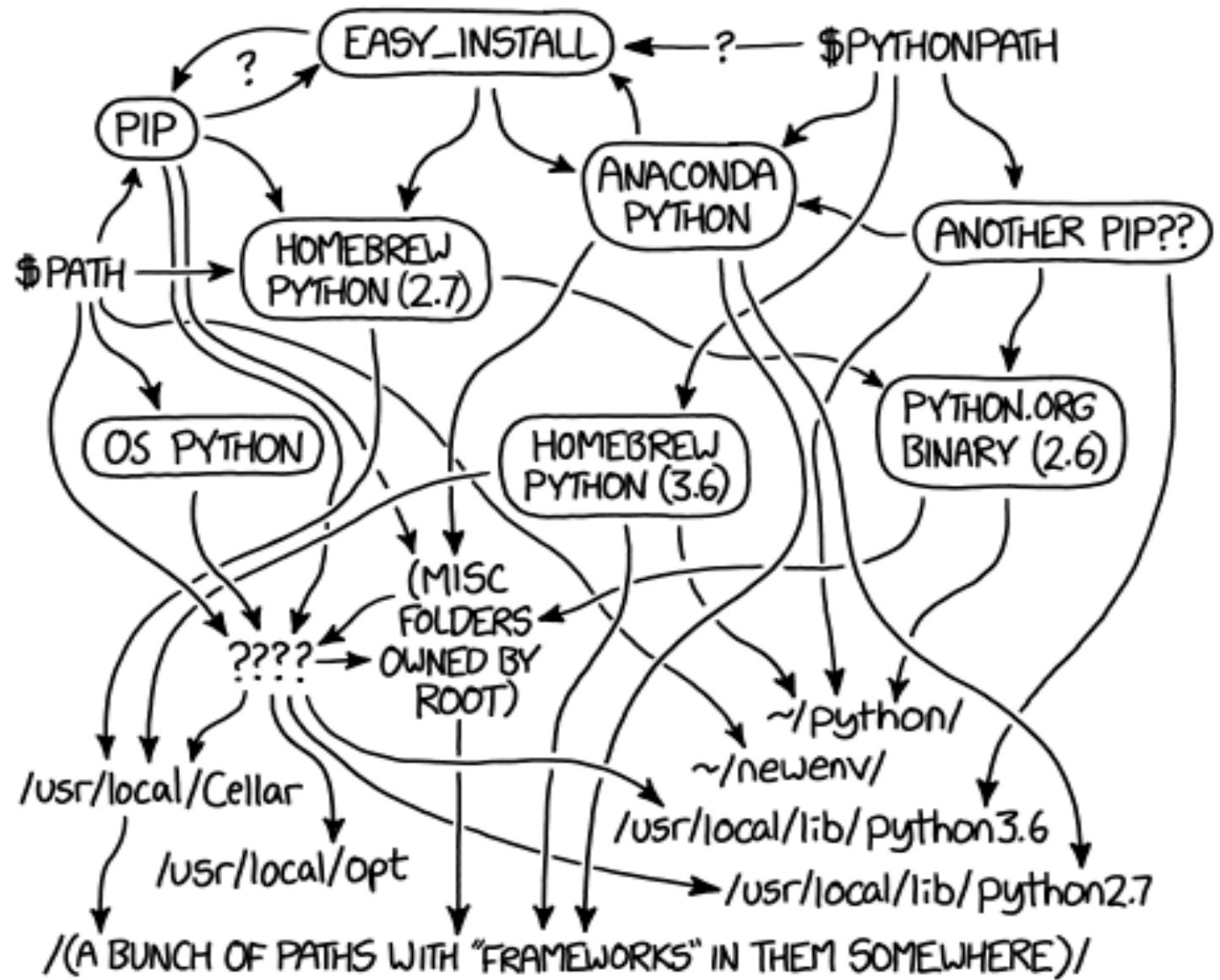
PESSOAS >> TECNOLOGIA



NA BEIRA DO MAR







MY PYTHON ENVIRONMENT HAS BECOME SO DEGRADED
THAT MY LAPTOP HAS BEEN DECLARED A SUPERFUND SITE.

Title

```
In [3]: import pandas as pd
```

```
In [4]: df = pd.DataFrame({'A': ['A0', 'A1', 'A2', 'A3'],
                           'B': ['B0', 'B1', 'B2', 'B3'],
                           'C': ['C0', 'C1', 'C2', 'C3'],
                           'D': ['D0', 'D1', 'D2', 'D3']},
                           index=[0, 1, 2, 3])
df
```

Out[4]:

	A	B	C	D
0	A0	B0	C0	D0
1	A1	B1	C1	D1
2	A2	B2	C2	D2
3	A3	B3	C3	D3

Title

```
In [3]: import pandas as pd  
:
```

```
In [4]: df = pd.DataFrame({  
    : 'A': ['A0', 'A1', 'A2', 'A3'],  
    : 'B': ['B0', 'B1', 'B2', 'B3'],  
    : 'C': ['C0', 'C1', 'C2', 'C3'],  
    : 'D': ['D0', 'D1', 'D2', 'D3']},  
    index=[0, 1, 2, 3])  
df
```

```
Out[4]:  
:      A   B   C   D  
: 0 A0 B0 C0 D0  
: 1 A1 B1 C1 D1  
: 2 A2 B2 C2 D2  
: 3 A3 B3 C3 D3
```



I simply want to use `geopandas` to get a union and intersection of two polygonal areas. I define:

12

```
import geopandas as gpd
from shapely.geometry import Polygon
polys1 = gpd.GeoSeries([Polygon([(0,0), (2,0), (2,2), (0,2)]),
                        Polygon([(2,2), (4,2), (4,4), (2,4)])])
polys2 = gpd.GeoSeries([Polygon([(1,1), (3,1), (3,3), (1,3)]),
                        Polygon([(3,3), (5,3), (5,5), (3,5)])])

df1 = gpd.GeoDataFrame({'geometry': polys1, 'df1':[1,2]})
df2 = gpd.GeoDataFrame({'geometry': polys2, 'df2':[1,2]})
```

I try the following to get the `union`:

```
res_union = gpd.overlay(df1, df2, how='union')
```

and it fails with the following ERROR:

```
AttributeError: 'NoneType' object has no attribute 'intersection'
```

I am following the instructions [here](#).

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Despite I don't know the OP's operational system I think that I figured out how to solve the problem, at least for GNU/Linux systems (I'm not able to test in other systems).

Direct explanation

To be able to use the `overlay` function you need more than just install `geopandas`, you need install `rtree`, but `rtree` is a wrapper to the C library [libspatialindex](#). So to use `rtree` library you need to install `libspatialindex` C library.

To install `libspatialindex` open a terminal end type:

```
sudo apt-get update && apt-get install -y libspatialindex-dev
```

Note: actually you only need the `sudo apt-get install libspatialindex-dev`, but it is good practice update the system, and the `-y` flag is just to don't stop the installation process to ask for continue with the installation or not.

I installed OpenCV using <https://www.learnopencv.com/install-opencv-on-ubuntu-18-04/>. Install OpenCV 4 on Ubuntu 18.04 (C++ and Python).

It does not have an explicit line install python-opencv, yet it has Python-related sections Step 3: Install Python Libraries:

```
sudo apt -y install python3-dev python3-pip
sudo -H pip3 install -U pip numpy
sudo apt -y install python3-testresources
cd $cwd
# create virt envir

python3 -m venv OpenCV-"$cvVersion"-py3
echo "# Virtual Environment Wrapper" >> ~/.bashrc
echo "alias workoncv-$cvVersion=\"source $cwd/OpenCV-$cvVersion-py3/bin/activate\"" >>
~/ .bashrc
source "$cwd"/OpenCV-"$cvVersion"-py3/bin/activate
```

now install python libraries with

pip install wheel numpy scipy matplotlib scikit-image scikit-image scikit-learn ipython dli

Hexes and ELF^s

```
$ readelf -a a.out
```

...

Program Headers:

Type	Offset	VirtAddr	PhysAddr	Flags	Align
	FileSiz	MemSiz			
INTERP	0x0000000000000238	0x0000000000000238	0x0000000000000238		
	0x0000000000000001c	0x0000000000000001c	R	0x1	

[Requesting program interpreter: /lib64/ld-linux-x86-64.so.2]



@ehashdn :: #pycon2019

PYCON
CLEVELAND 2019

Closed

Error: could not connect to ollama app, is it running? on Windows 10 #2727

Alias4D opened this issue on Feb 24 · 13 comments



roshdwivedi commented on Mar 21

...

You might have to enable the systemctl service manually, after that the
`ollama serve` should be redundant.

```
systemctl enable ollama  
systemctl start ollama
```



I tried this and i am getting this error not sure what it means

```
└─$ systemctl enable ollama
```

```
systemctl start ollama
```

```
System has not been booted with systemd as init system (PID 1). Can't  
operate.
```

```
Failed to connect to bus: Host is down
```



**DEEPMIND
99%**



Installation and Initialization

```
In [ ]: # @title Pip install graphcast and dependencies
```

```
%pip install --upgrade https://github.com/deepmind/graphcast/archive/master.zip
```

```
In [ ]: # @title Workaround for cartopy crashes
```

```
# Workaround for cartopy crashes due to the shapely installed by default in  
# google colab kernel (https://github.com/anitagraser/movingpandas/issues/81):  
!pip uninstall -y shapely  
!pip install shapely --no-binary shapely
```





SAY DOCKER

ONE MORE TIME

©MCLEAFFAIN

[nature](#) > [technology features](#) > article

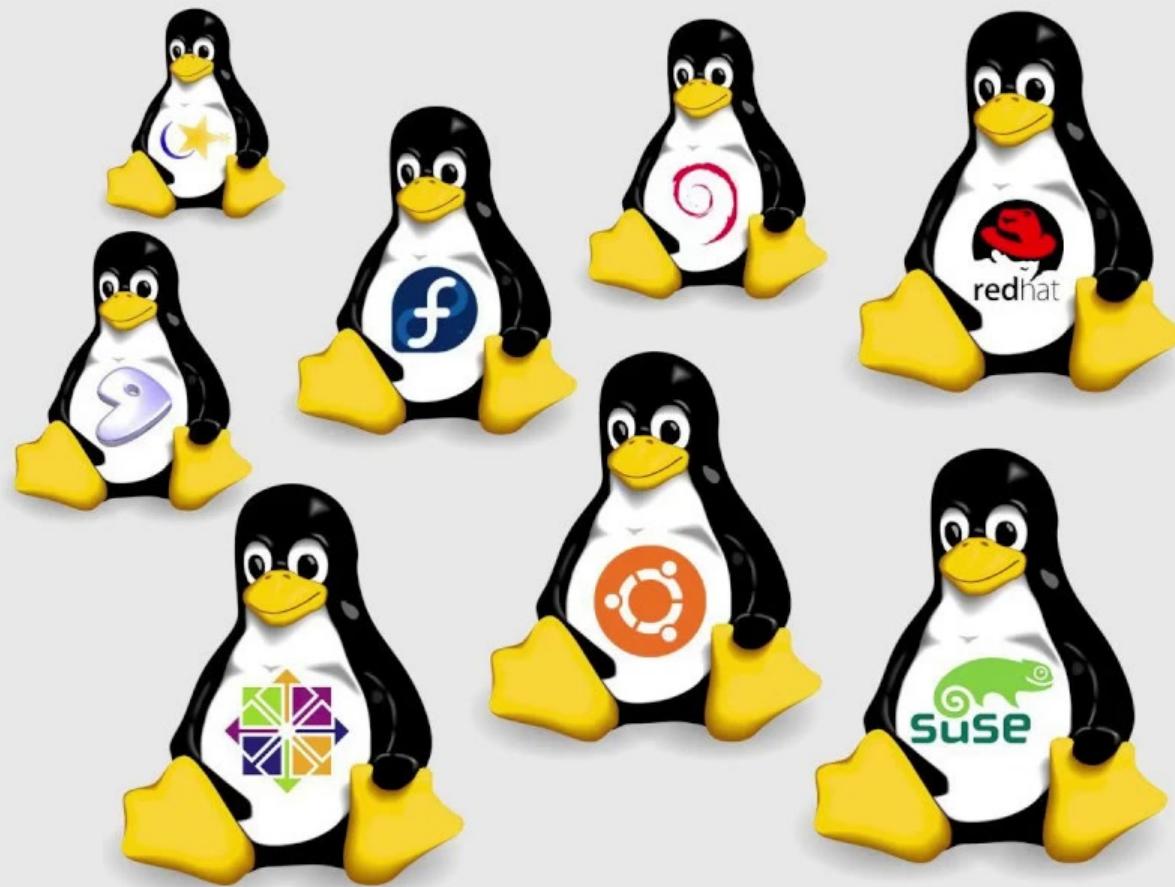
TECHNOLOGY FEATURE | 24 August 2020

Challenge to scientists: does your ten-year-old code still run?

Missing documentation and obsolete environments force participants in the Ten Years Reproducibility Challenge to get creative.

By [Jeffrey M. Perkel](#)





**MAKE
DISTRO
HOPPING
EASIER**





#15
15/04
16:00



JÉRÔME PETAZZONI



**USING NIX, NIXOS, NIXPKGS,
AND NIXERY TO CREATE
OPTIMIZED IMAGES FOR DOCKER
AND KUBERNETES**

[y o u t u b e . c o m / l i n u x t i p s](https://youtube.com/linuxtips)

upgrade nix

upgrade Nix to the latest stable version

verify

verify the integrity of store paths

why-depends

show why a package has another package

sure



Note: this program is EXPERIMENTAL and subject to change

```
cd7d3d2debeb:/# nix-env -i redis
```

```
installing 'redis-5.0.5'
```

```
these paths will be fetched (6.83 MiB download, 33.85 MiB unpacked):
```

```
  /nix/store/6yaj6n8l925xxfbcd65gzqx3dz7idrnn-glibc-2.27
```

```
  /nix/store/mzqjf58zasr7237g8x9hcs44p6nvmdv7-redis-5.0.5
```

```
copying path '/nix/store/6yaj6n8l925xxfbcd65gzqx3dz7idrnn-glibc-2.27
```

```
' from 'https://cache.nixos.org'...
```

```
copying path '/nix/store/mzqjf58zasr7237g8x9hcs44p6nvmdv7-redis-5.0.
```

```
5' from 'https://cache.nixos.org'...
```

```
building '/nix/store/v9pn7dhy8v0sf5y9l0qwmbv6azx601vp-user-environment.drv'...
```

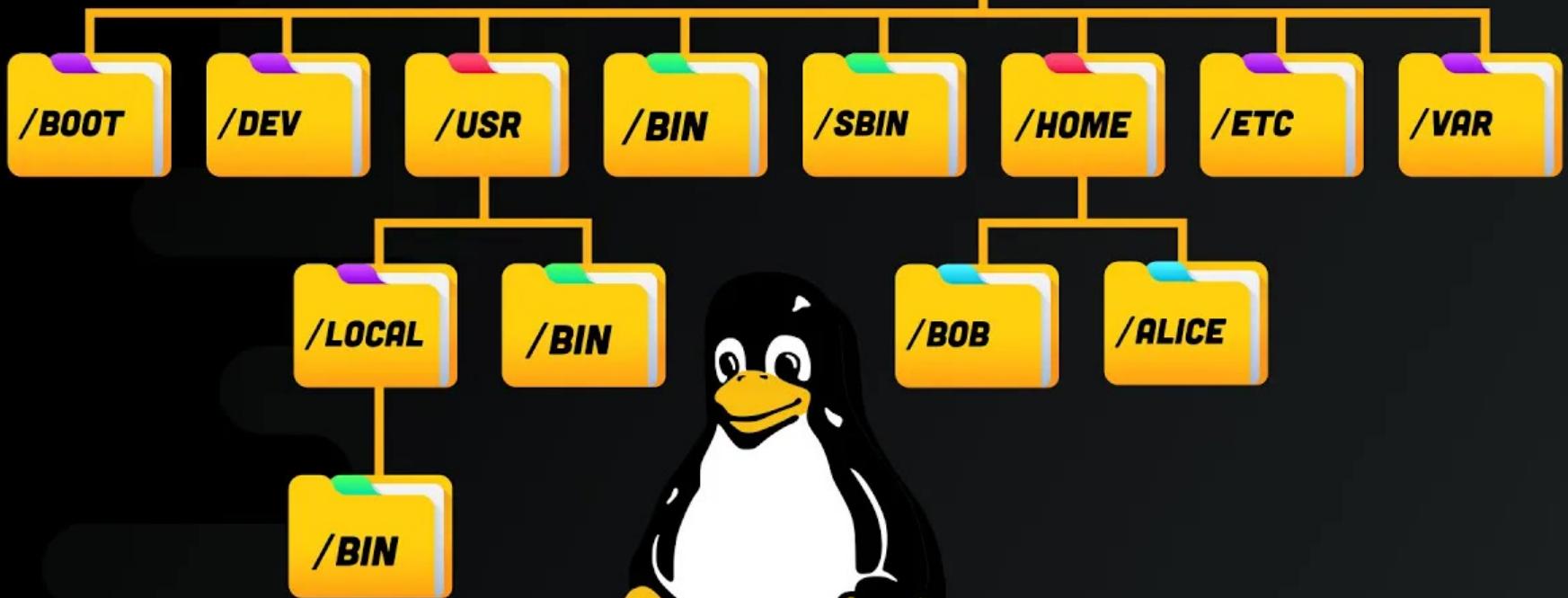
```
created 27 symlinks in user environment
```

Jérôme Petazzoni

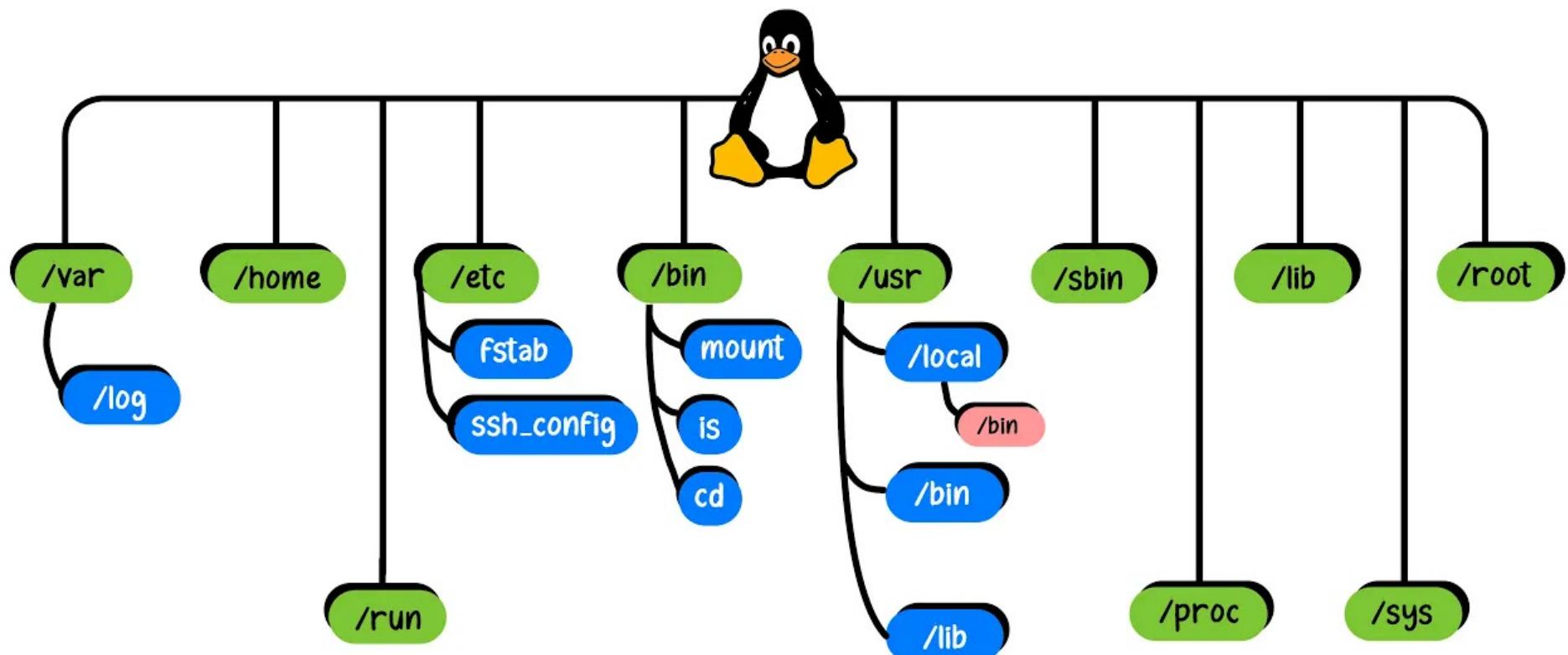
▶ ▶ 🔍 14:19 / 50:56 · Demo >

⏸ ⚡ ⚡ ⚡ ⚡

100 SECONDS OF /

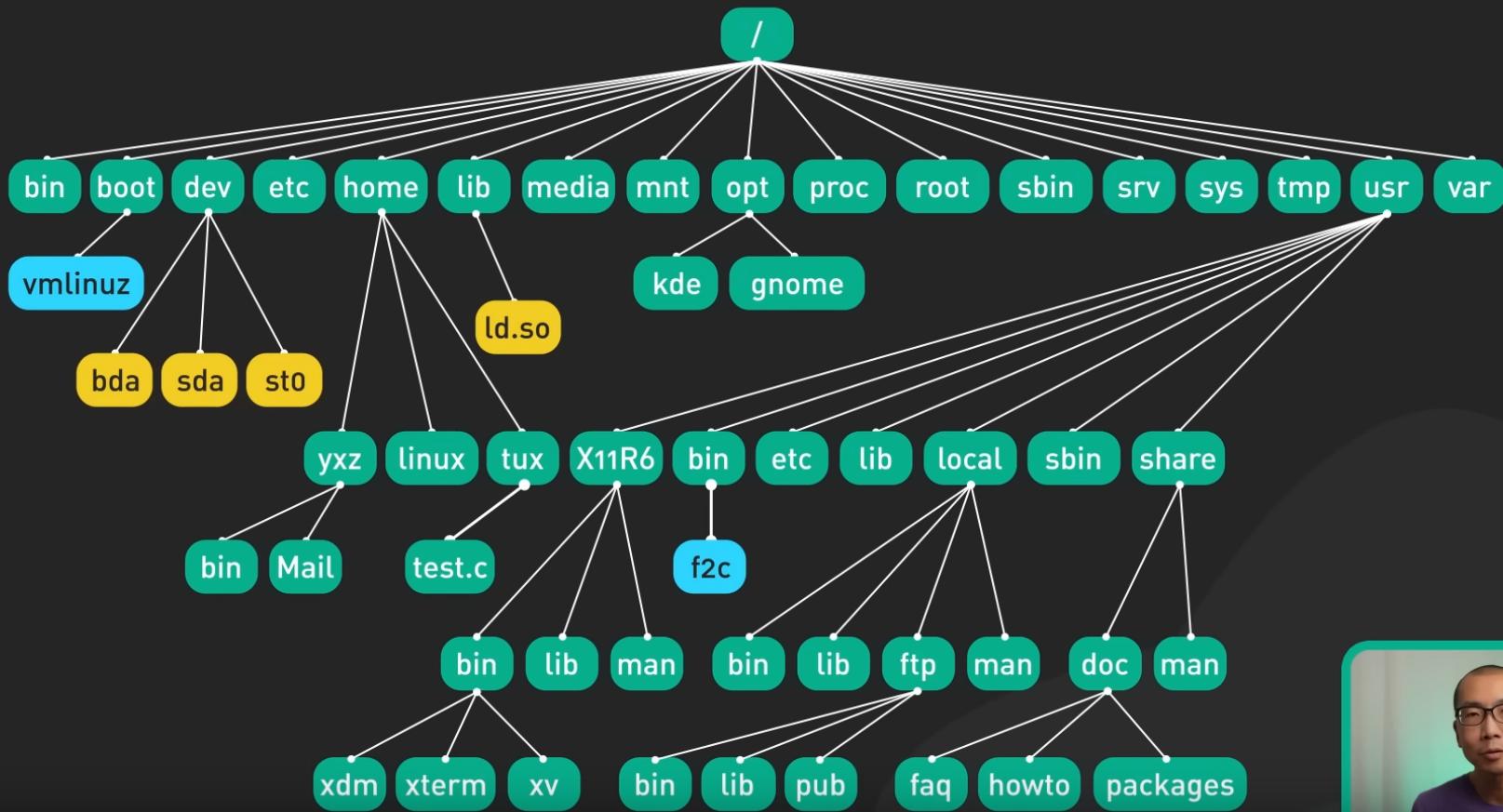


Linux File System Explained



Linux File System Explained!

Linux File System



```
128
129 rm -rf "$OUT" &&
130 mkdir -p "$OUT"/{etc,tmp,proc,sys,dev,home,mnt,root,usr/{bin,sbin,lib},var} &&
131 chmod a+rwxt "$OUT"/tmp &&
132 ln -s usr/bin "$OUT/bin" &&
133 ln -s usr/sbin "$OUT/sbin" &&
134 ln -s usr/lib "$OUT/lib" &&
135
136 cat > "$OUT"/init << 'EOF' &&
137 #!/bin/sh
138
139 export HOME=/home
140 export PATH=/bin:/sbin
141
142 mountpoint -q proc || mount -t proc proc proc
143 mountpoint -q sys || mount -t sysfs sys sys
144 if ! mountpoint -q dev
145 then
146     mount -t devtmpfs dev dev || mdev -s
147     mkdir -p dev/pts
148     mountpoint -q dev/pts || mount -t devpts dev/pts dev/pts
```



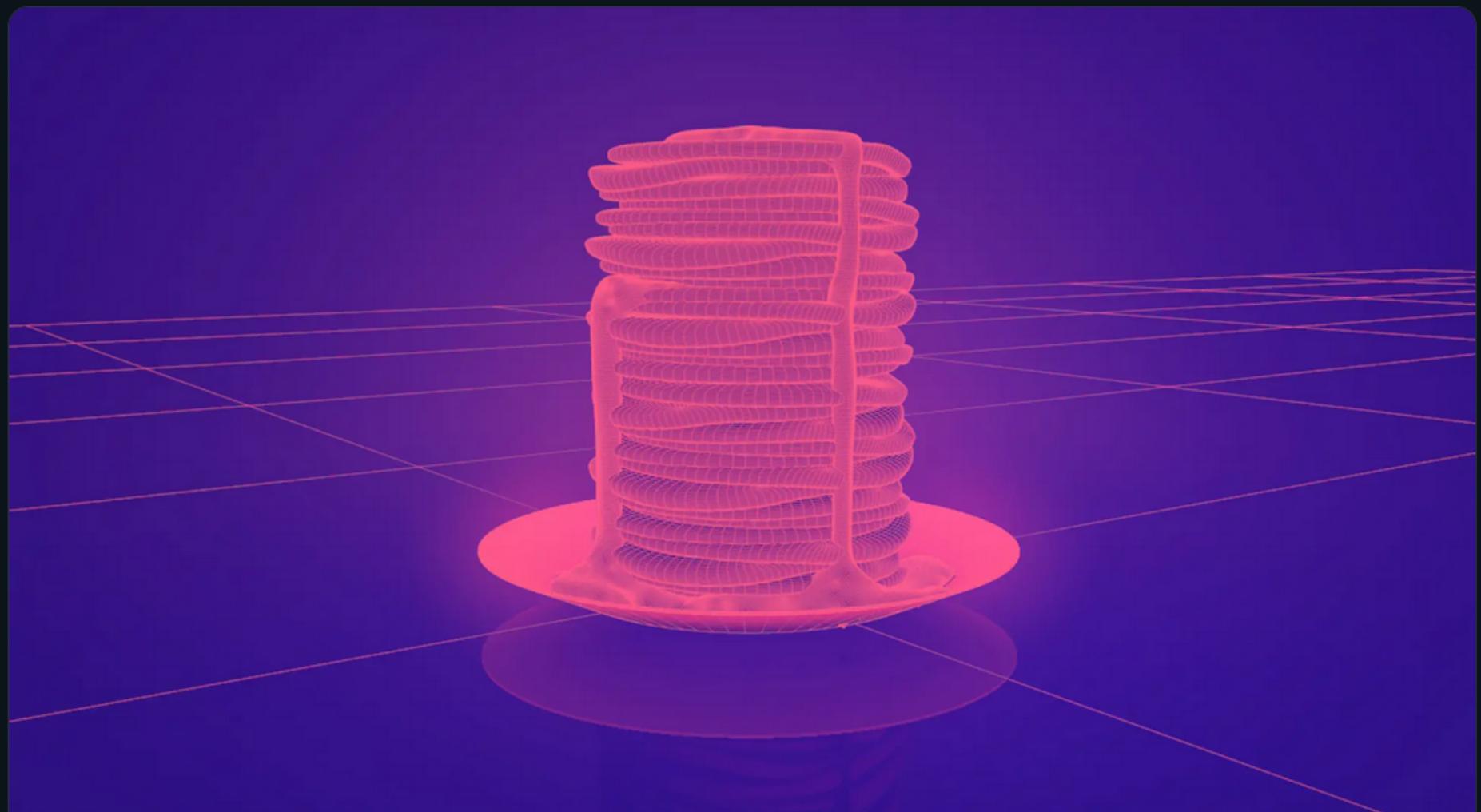








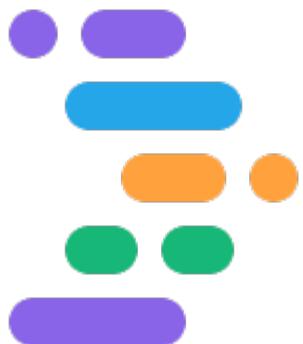
Super Colliding Nix Stores: Nix Flakes for Millions of Developers



Thu, May 25, 2023



Ryan Mulligan





An Insider's Look at Gemini in IDX

Kaushik Sathupadi, Ali Satter June 2024



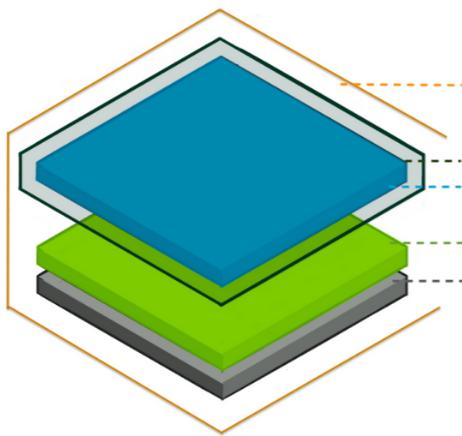
Gemini in IDX: Enhancing Your Development Workflow with AI

Project IDX is enhanced by Gemini, Google's latest and most capable family of AI models. Let's explore how this integration can streamline your coding experience and give you a behind-the-scenes look at how your code interacts with Gemini in IDX.

Under the Hood: How the Gemini model works within IDX

The image features the word "Canva" in a white, cursive, sans-serif font. It is centered on a square background that has rounded corners and a vibrant gradient. The gradient transitions from teal at the top-left to purple at the bottom-right, with blue and magenta hues visible in between.

Canva



Supporting GPU-accelerated
Machine Learning
with Kubernetes
and Nix

NIX E EMPRESAS:

- Google IDX:
- Google Looker (GCP):
- AWS Cloud9:
- Replit:
- GitPod:
- Tumblr:
- Shopify:
- Canva:

[1 Brave-browser] [2 kitty] [3 chatterino] [4 kitty] []= bash

2329 MB | Thursday 01 June 12:00

\$300,000



titus@nixos-studio

OS: NixOS 22.11.4426.c8a17ce7abc (Raccoon) x86_64
Host: ASUSTeK COMPUTER INC. PRIME X570-P
Kernel: 5.15.113
Uptime: 3 hours, 20 mins
Packages: 1696 (nix-system), 2 (flatpak)
Shell: bash 5.1.16
Resolution: 1920x1080
DE: none+dwm
WM: dwm
Theme: Nordic-darker [GTK2/3]
Icons: Breeze Dark [GTK2/3]
Terminal: kitty
Terminal Font: MesloLGS NF 12.0
CPU: AMD Ryzen 5 5600X (12) @ 3.700GHz
GPU: AMD ATI Radeon RX 5600 OEM/5600 XT / 5700/5700 XT
Memory: 2751MiB / 32016MiB

```
> sudo vim /etc/nixos  
nixos/ NIXOS
```

```
> sudo vim /etc/nixos/configuration.nix  
[sudo] password for titus:
```

- 1m
sude

A photograph of a man with short, light-colored hair and a beard, looking directly at the camera with a surprised or shocked expression. He is wearing a white crew-neck t-shirt featuring a large, stylized black graphic of a face or mask. The background is dark and appears to be a wall with some faint, illegible text and a large, stylized logo that looks like a stylized letter 'F' or a similar shape.