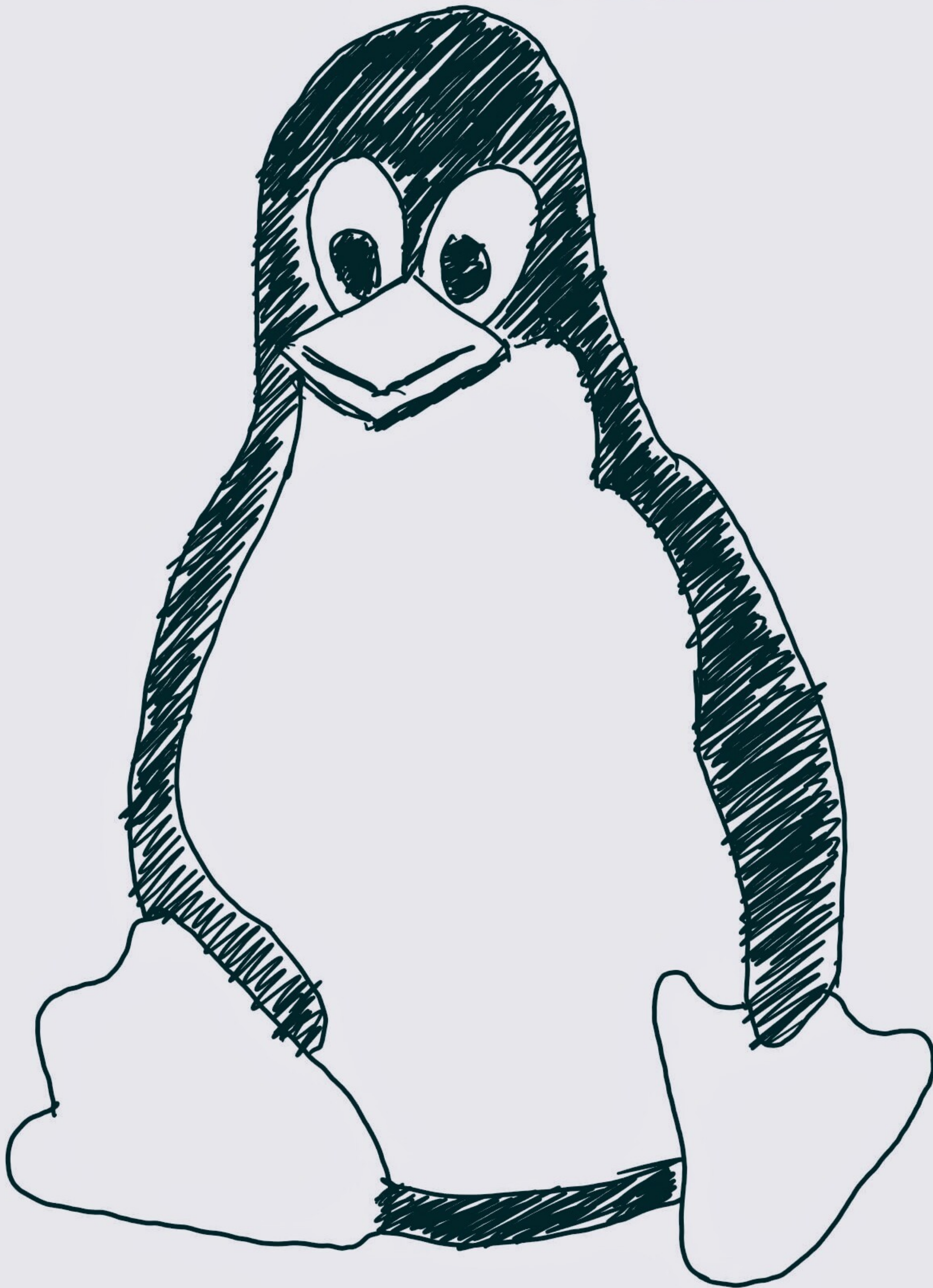


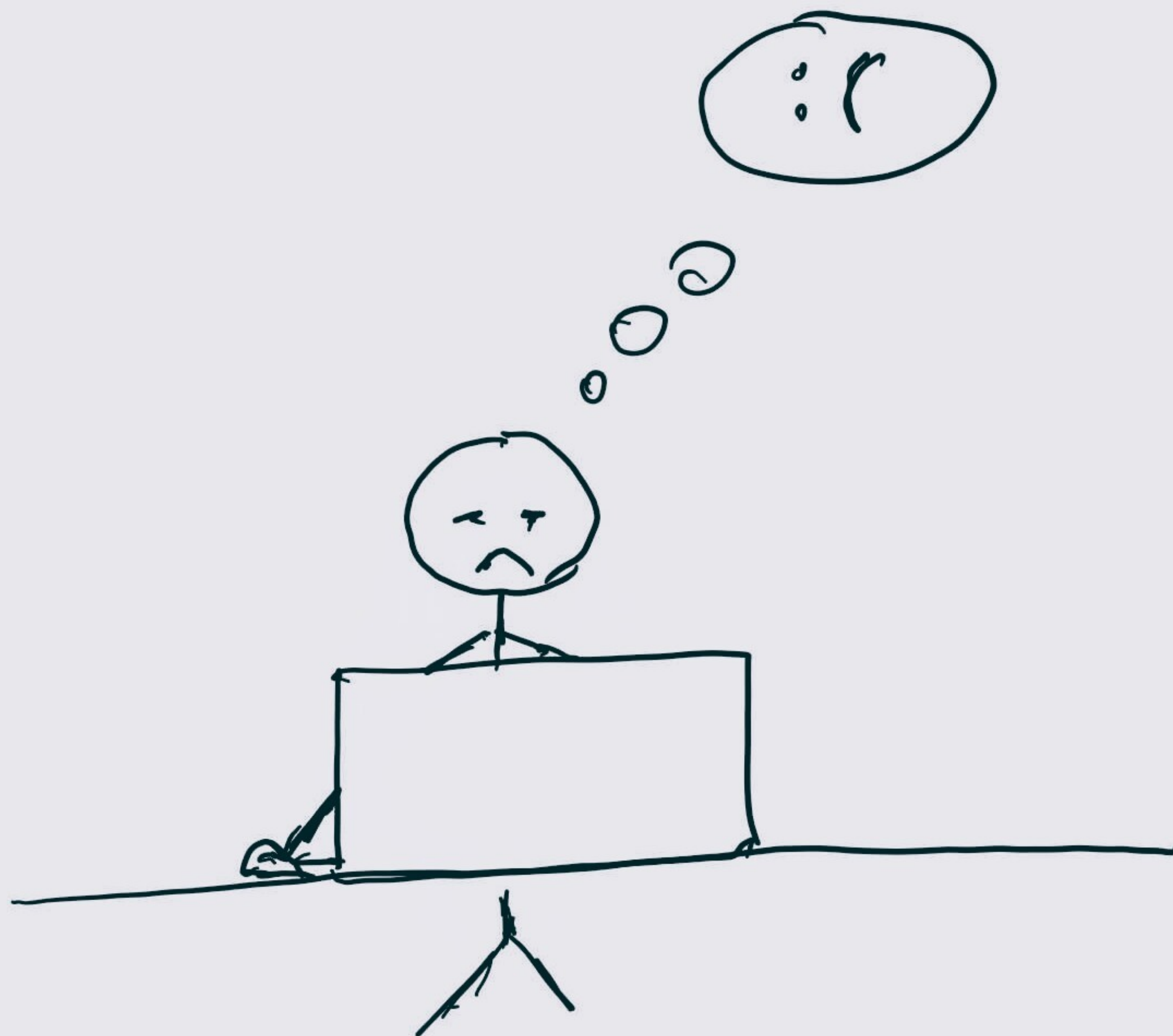
Linux

for programmers



@avoronkov

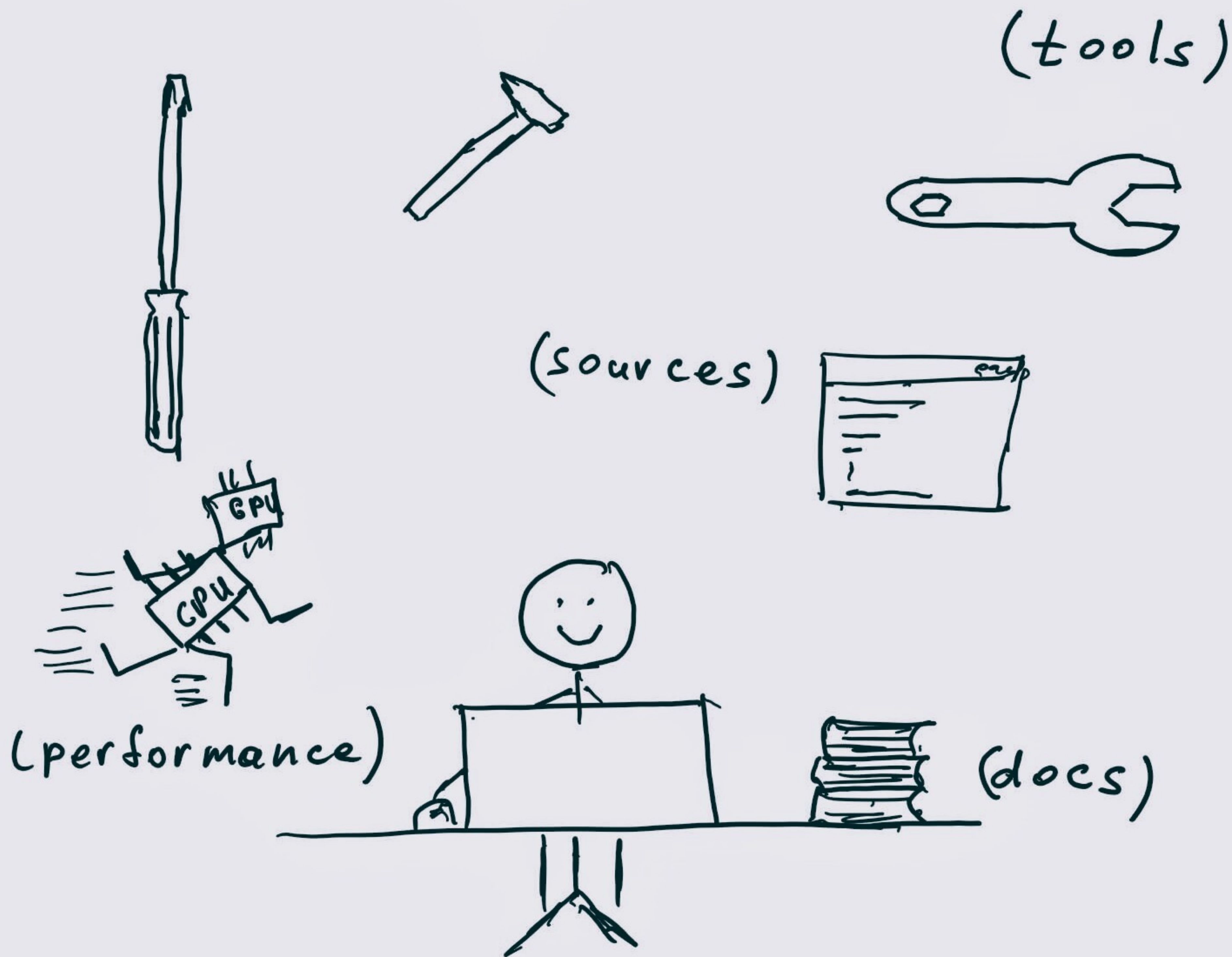
Проблема



Error! Cannot compile helloworld.cpp...

...

Решение (?!)



☐ OK Comilation successful!

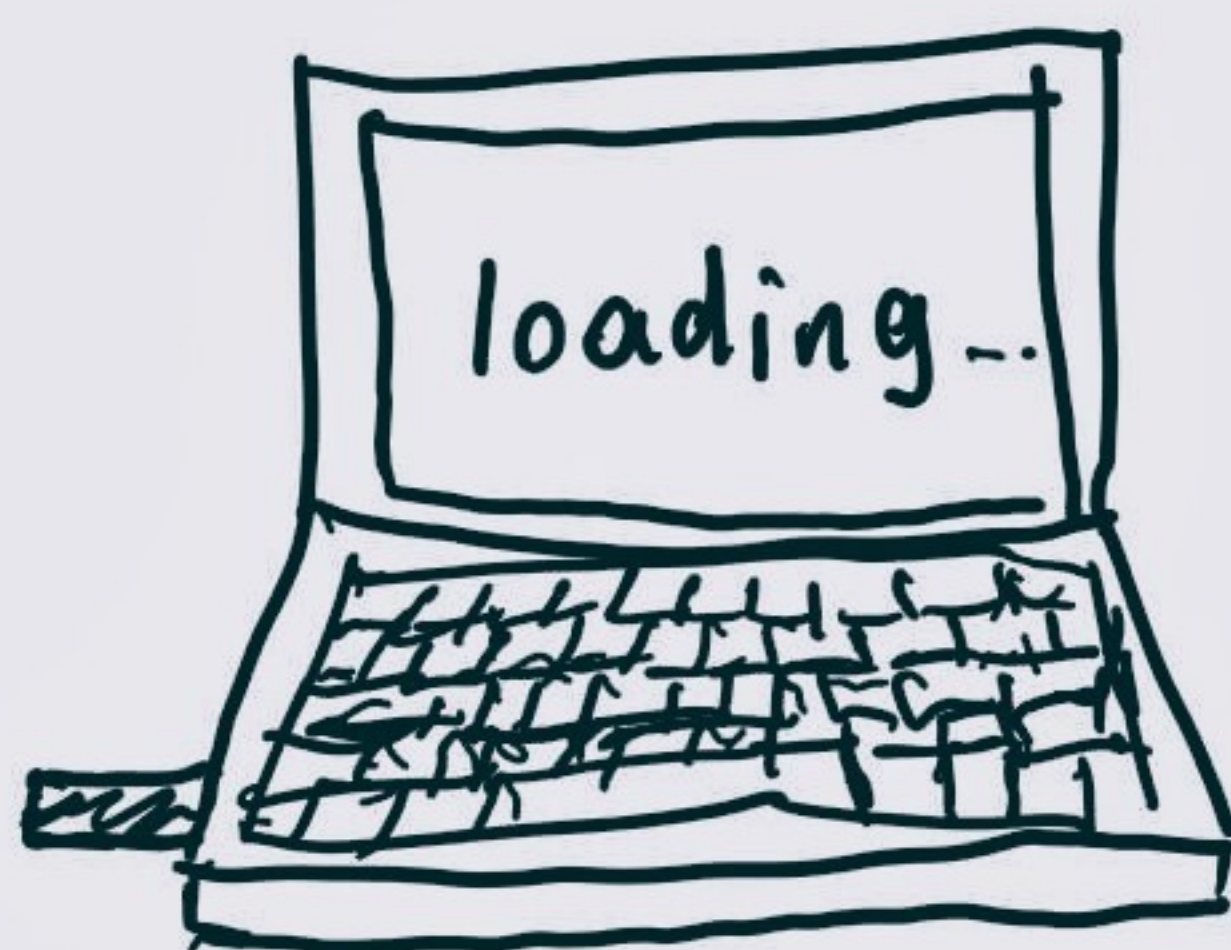
☐ OK Tests are OK!

How to install

live usb

linux mint ~~livecd~~ ρ

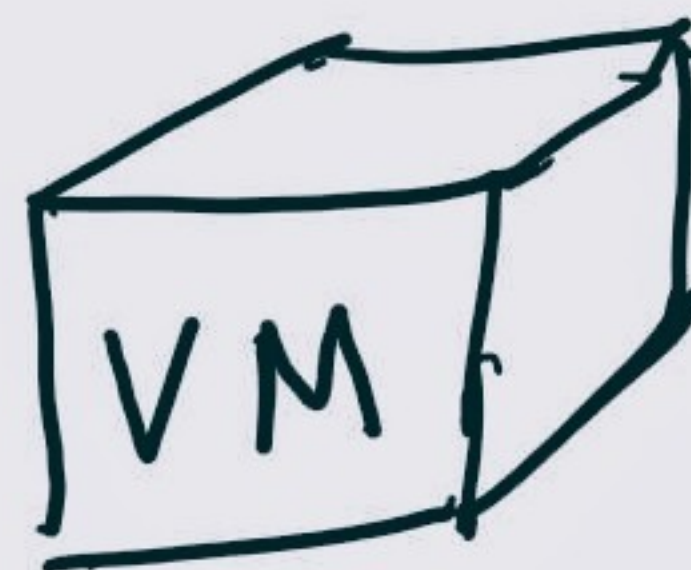
(or Ubuntu, fedora etc)



install on hard drive

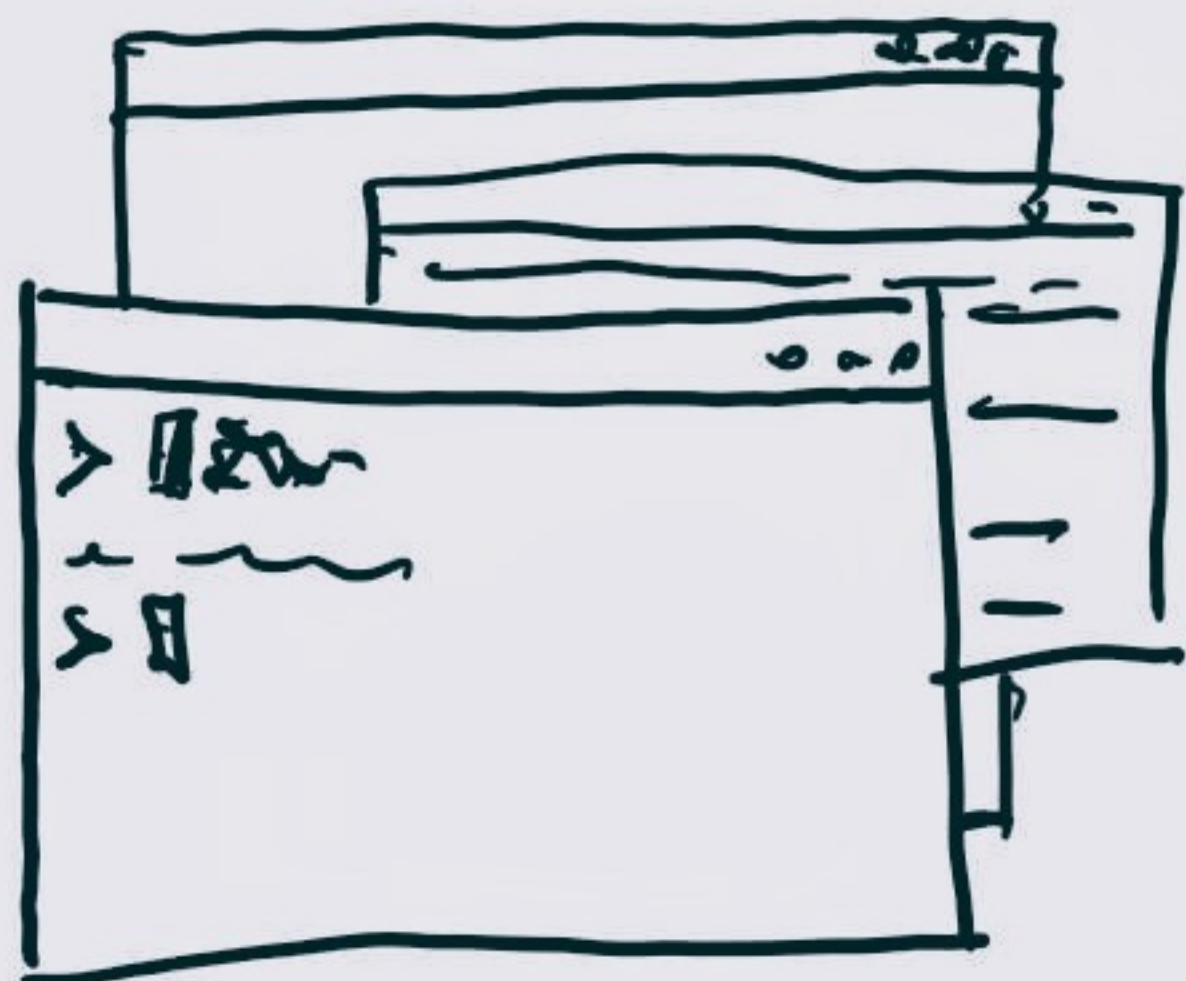


try another
one

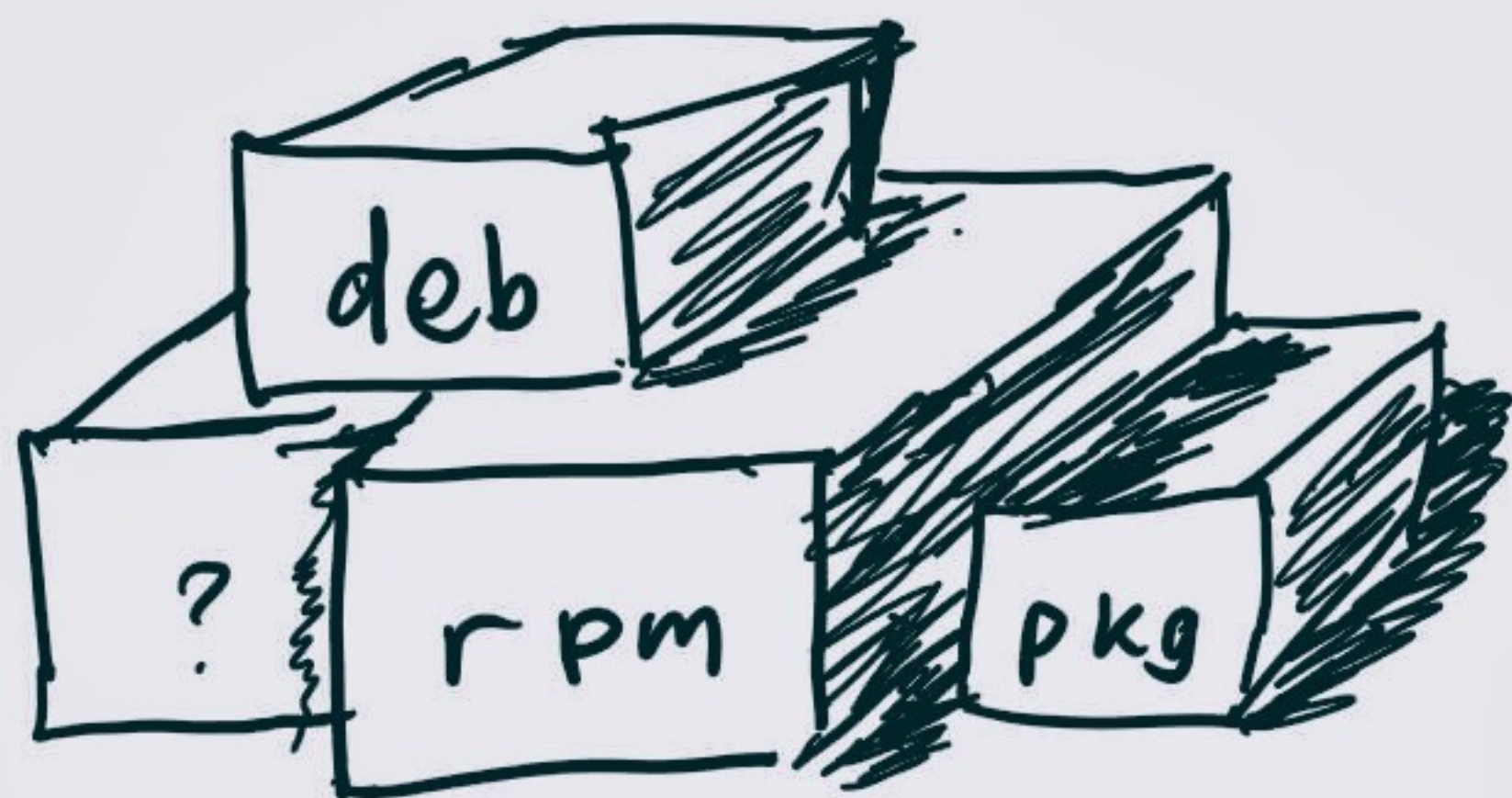


try
anything
else

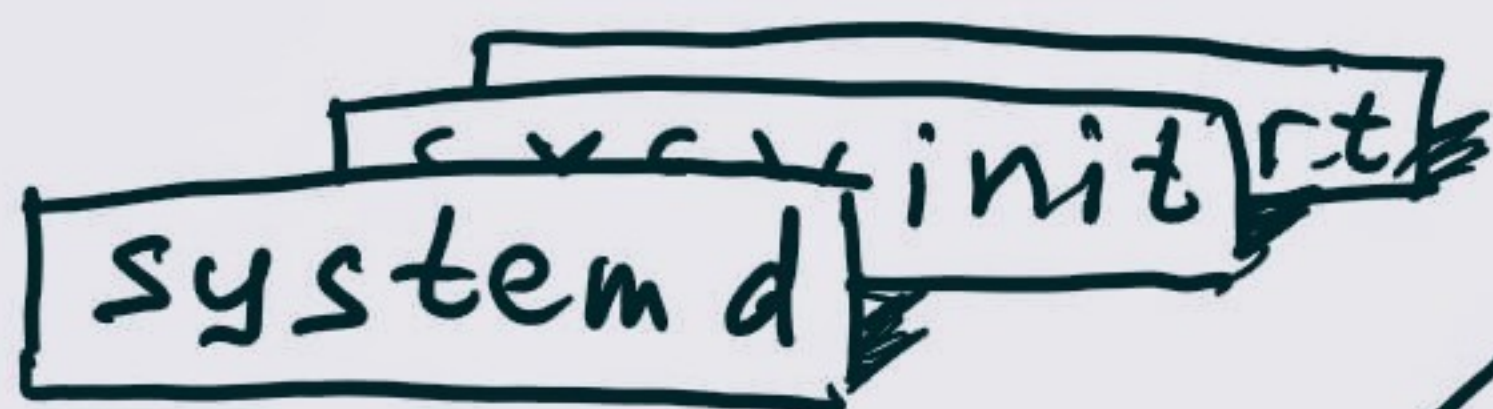
Linux



Apps + DE



package system



kernel

- Desktop env.
- Programs
- Utilities, tools...

- Install
- Update
- Libraries

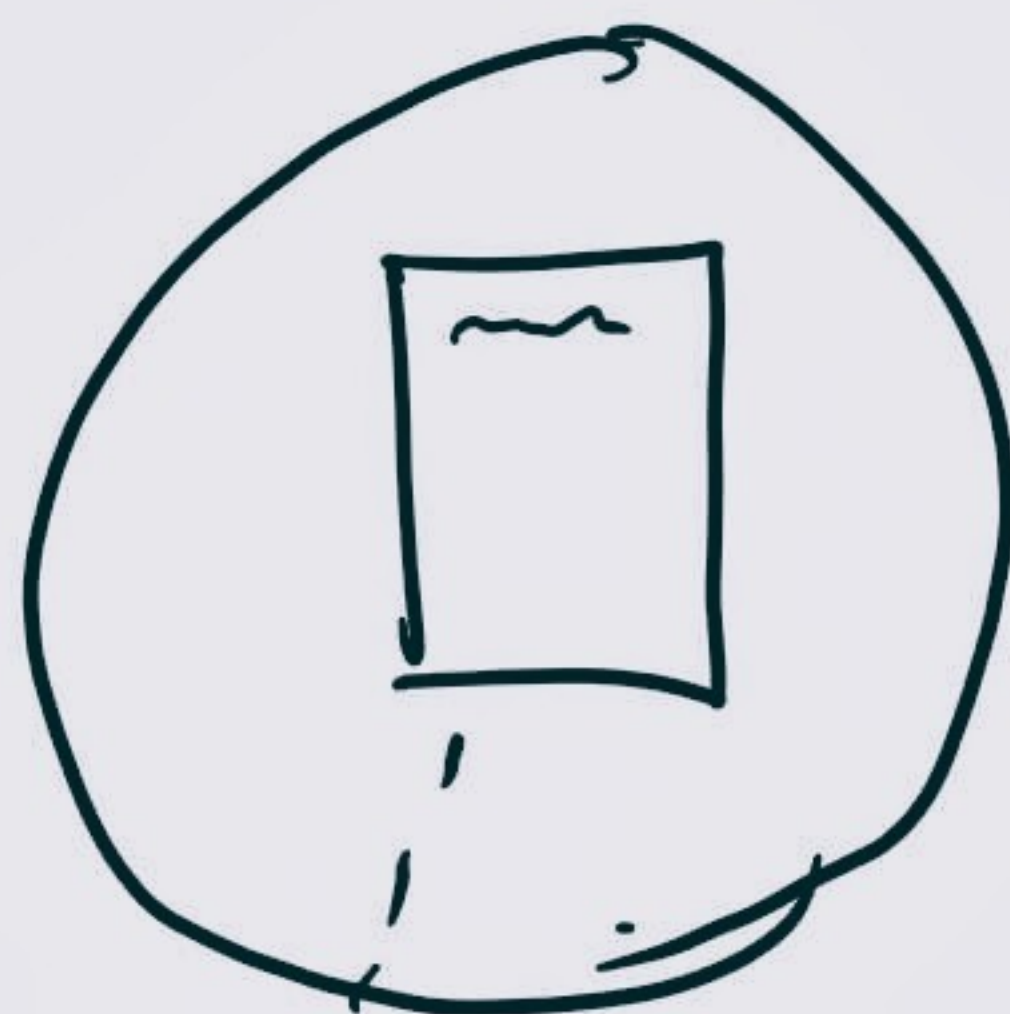
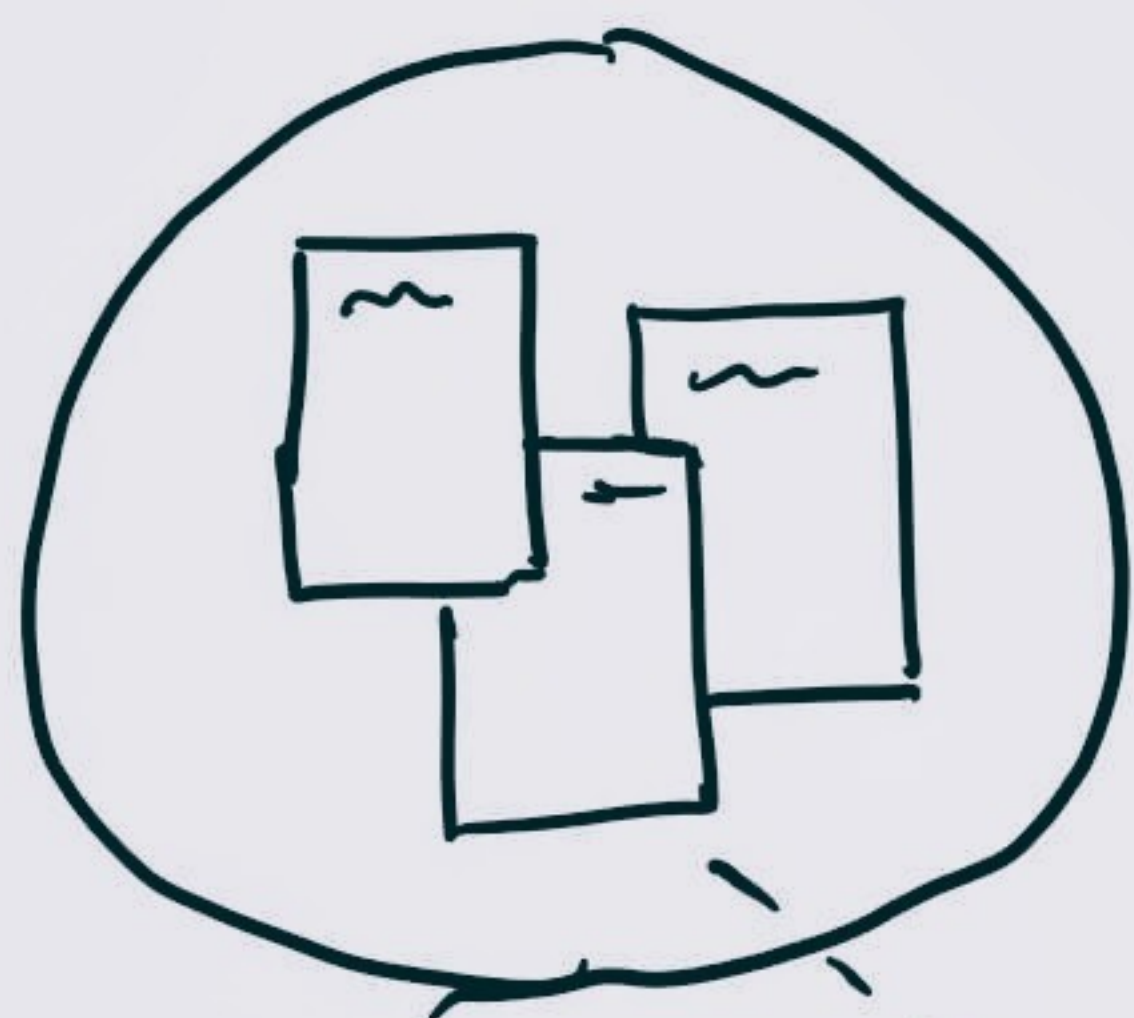
- Services

- FS
- Net
- Processes

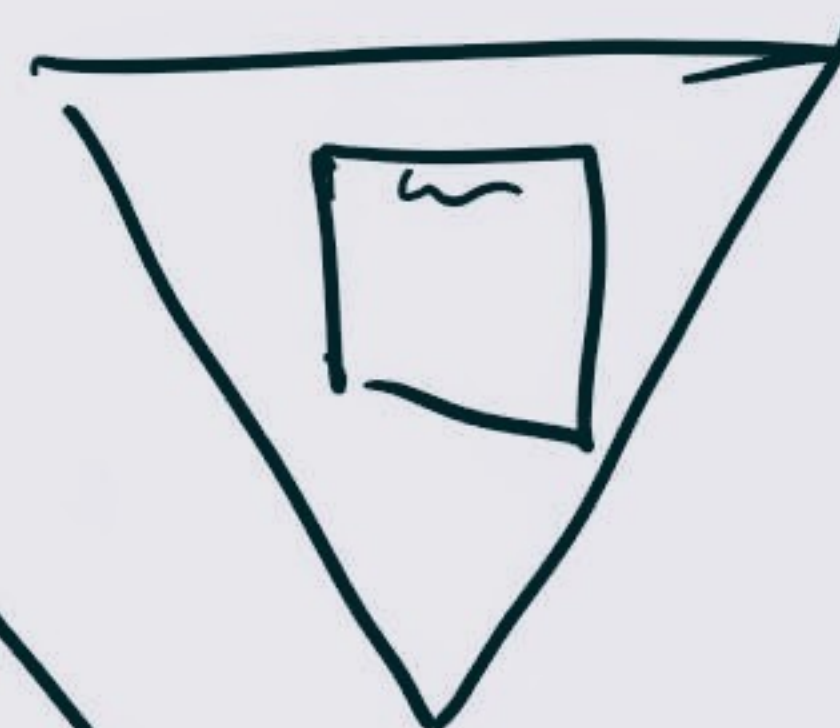
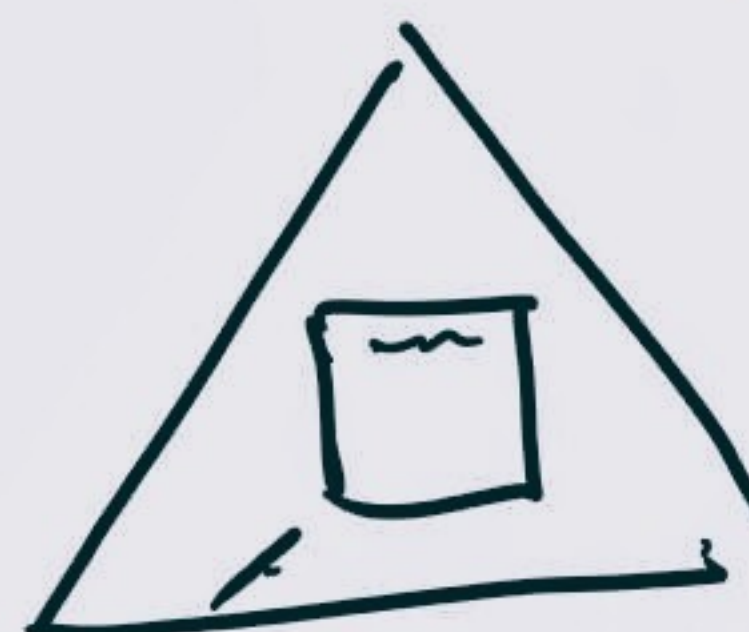
Пакеты



Apps



Tools



Libraries

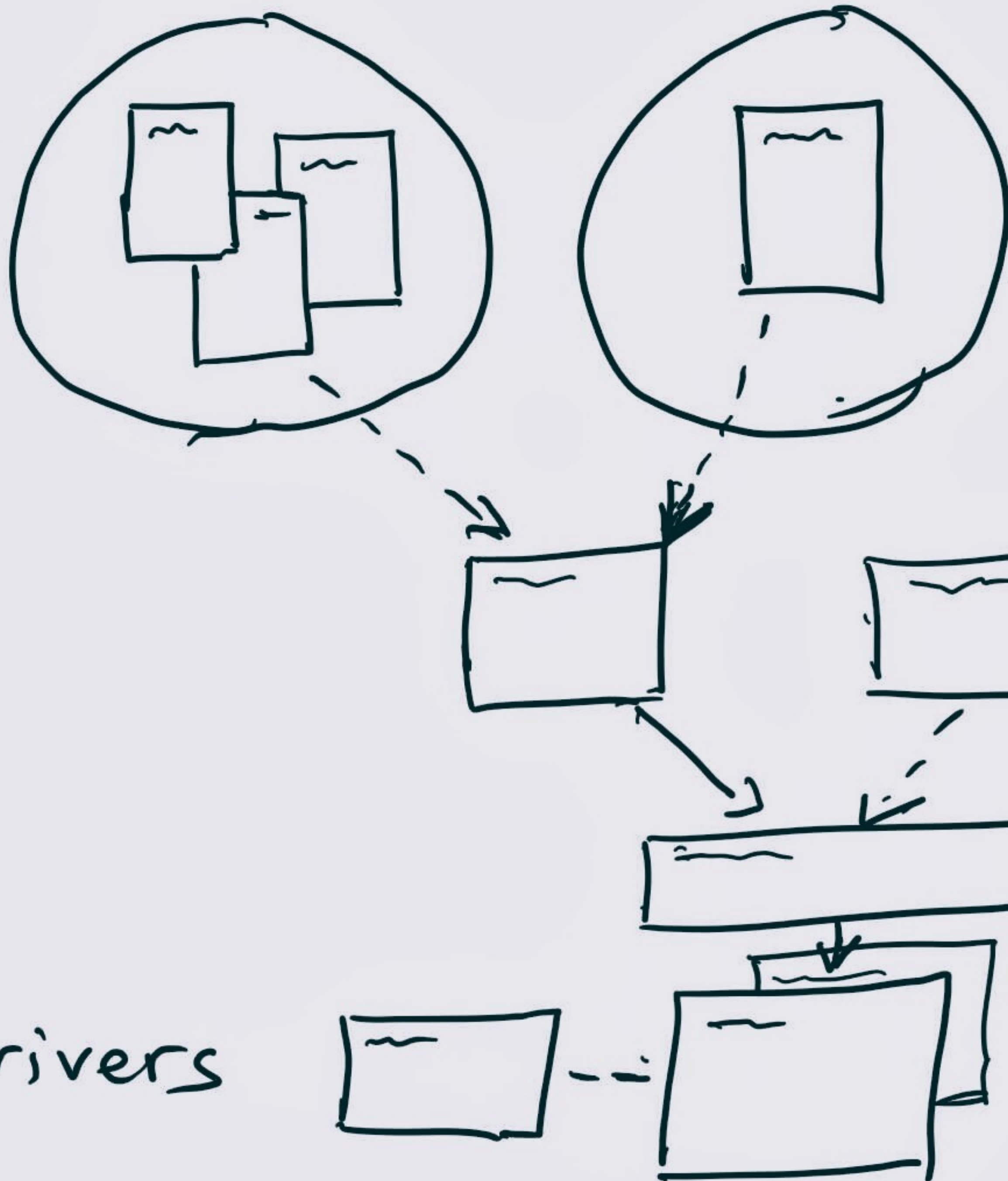


glibc

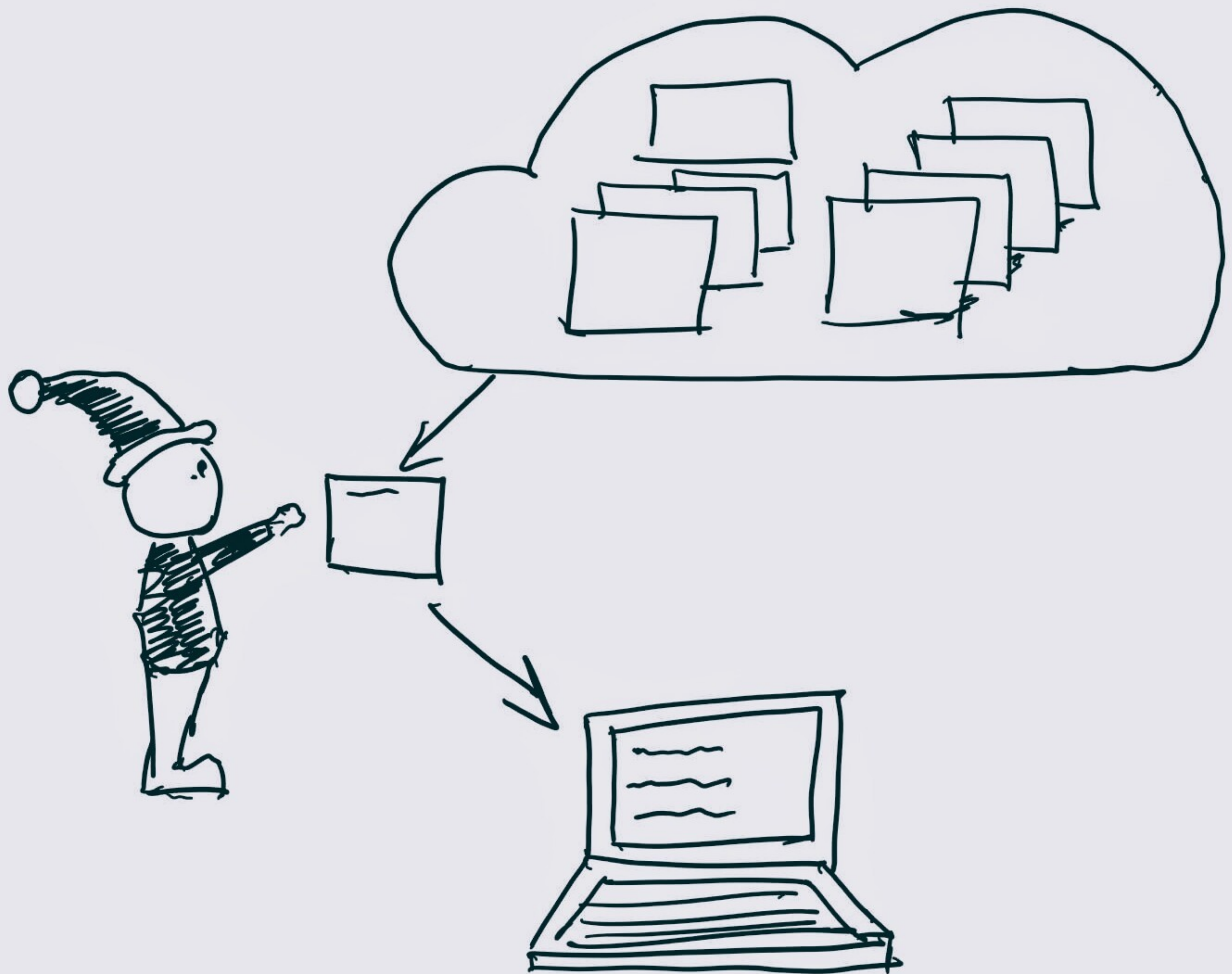
kernel



Drivers



Репозитории



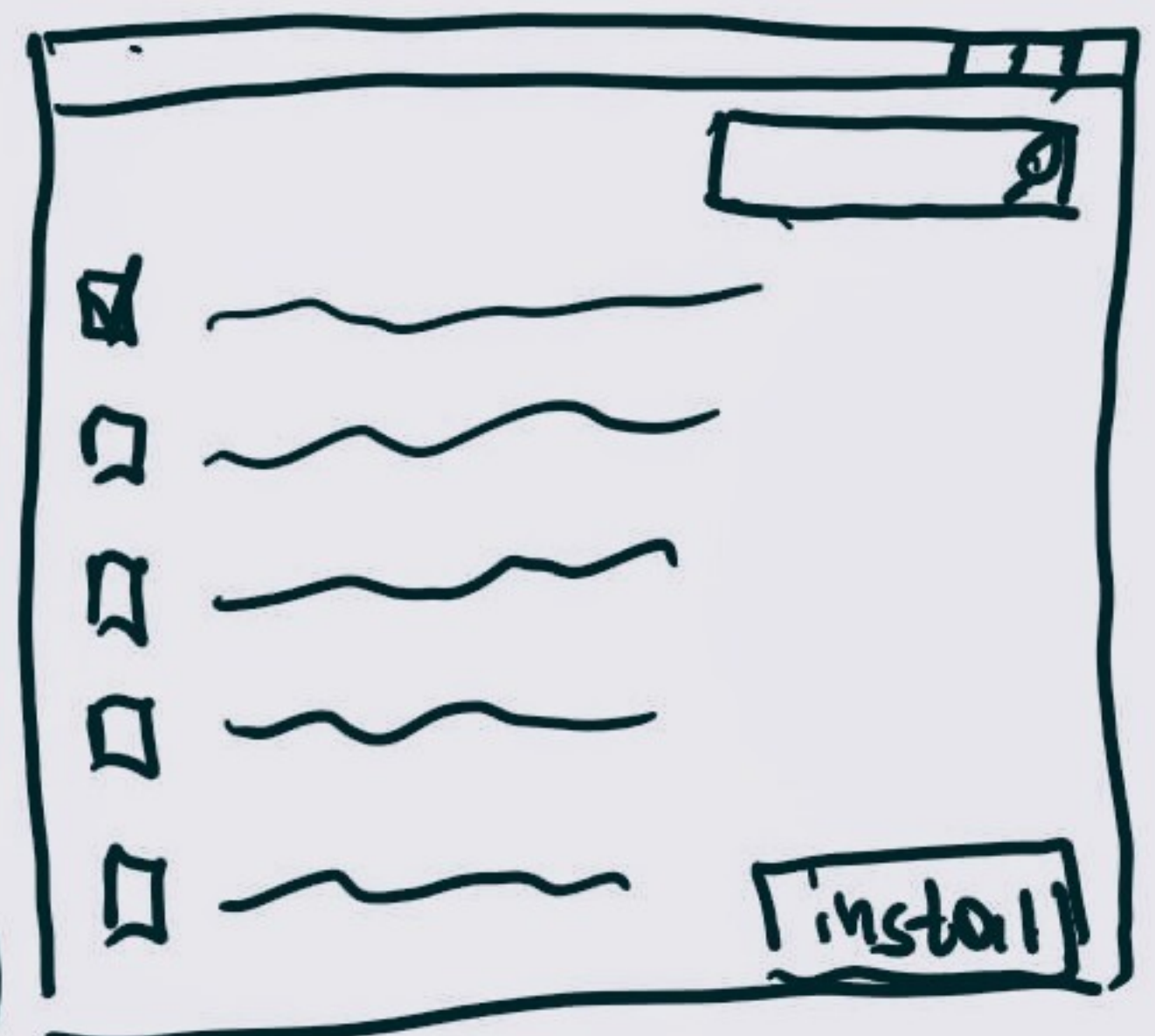
`$ apt search some package`

`$ sudo apt install thepackage`

...

Success!

(Также есть GUI)



Консоль

1. Нужен shell.

↙
[zsh]

(я использую этот)

?

↘

[fish]

(этот кажется проще
и функциональнее)

```
./to-string/to-string.h  
./to-string/to-string.cpp  
alxr@localhost > ls  
ls  
lsattr  
lsb_release  
_____  
_____  
_____
```


Языки

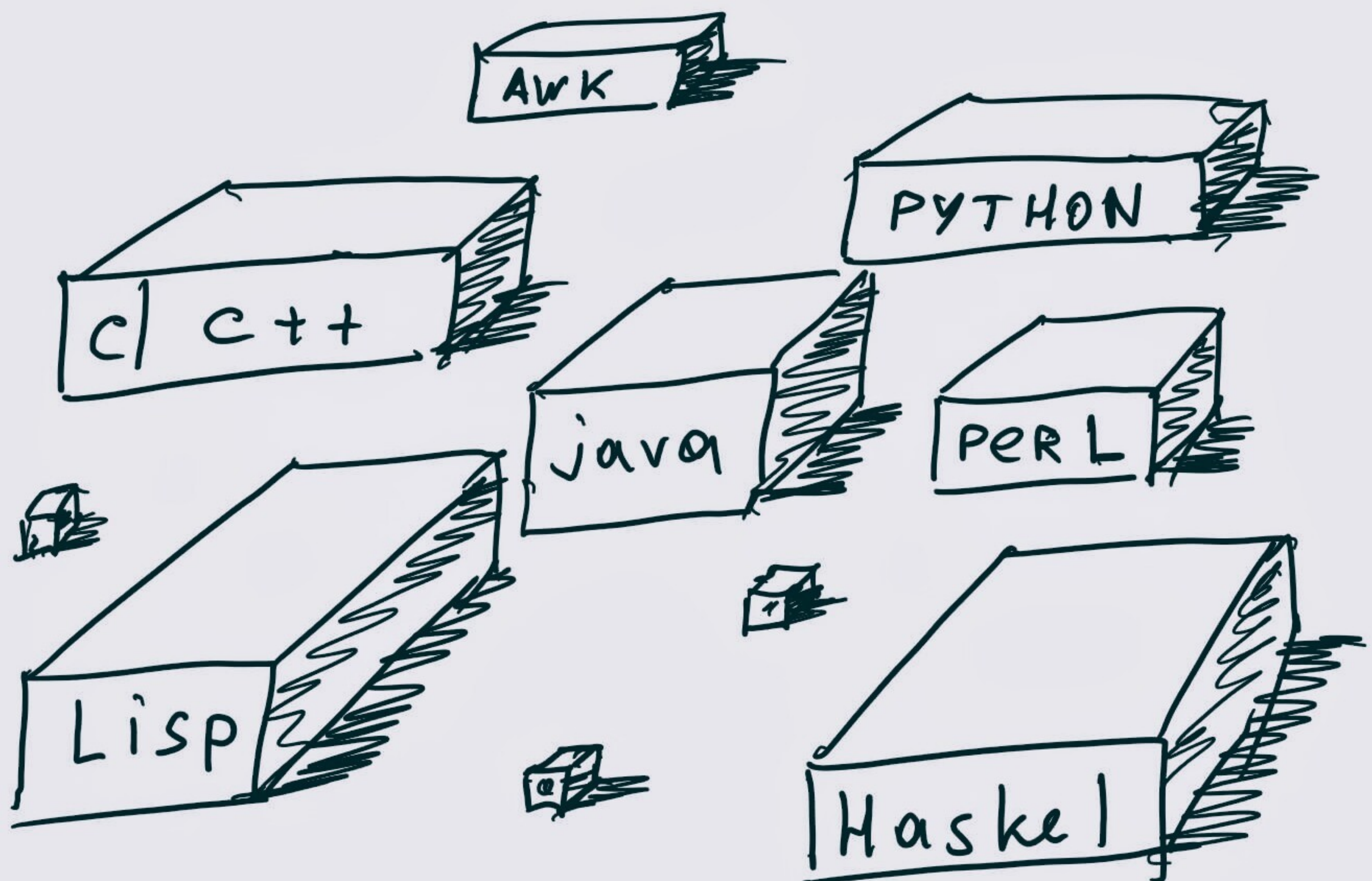
> javac Main.java

> ant jar

> ant test

> java -jar build/jar/Lab.jar

}}



СКРИПТЫ



```
clone :  
#!/bin/bash  
case "$1" in  
  *hg@*) hg clone "$@" ;;  
  *git@*) git clone "$@" ;;  
  *) echo "Unknown repo: $1"; exit 1 ;;  
esac
```

```
> clone git@bitbucket.org/avoronkev/...
```


Пример

> python

>>> 2 + 3

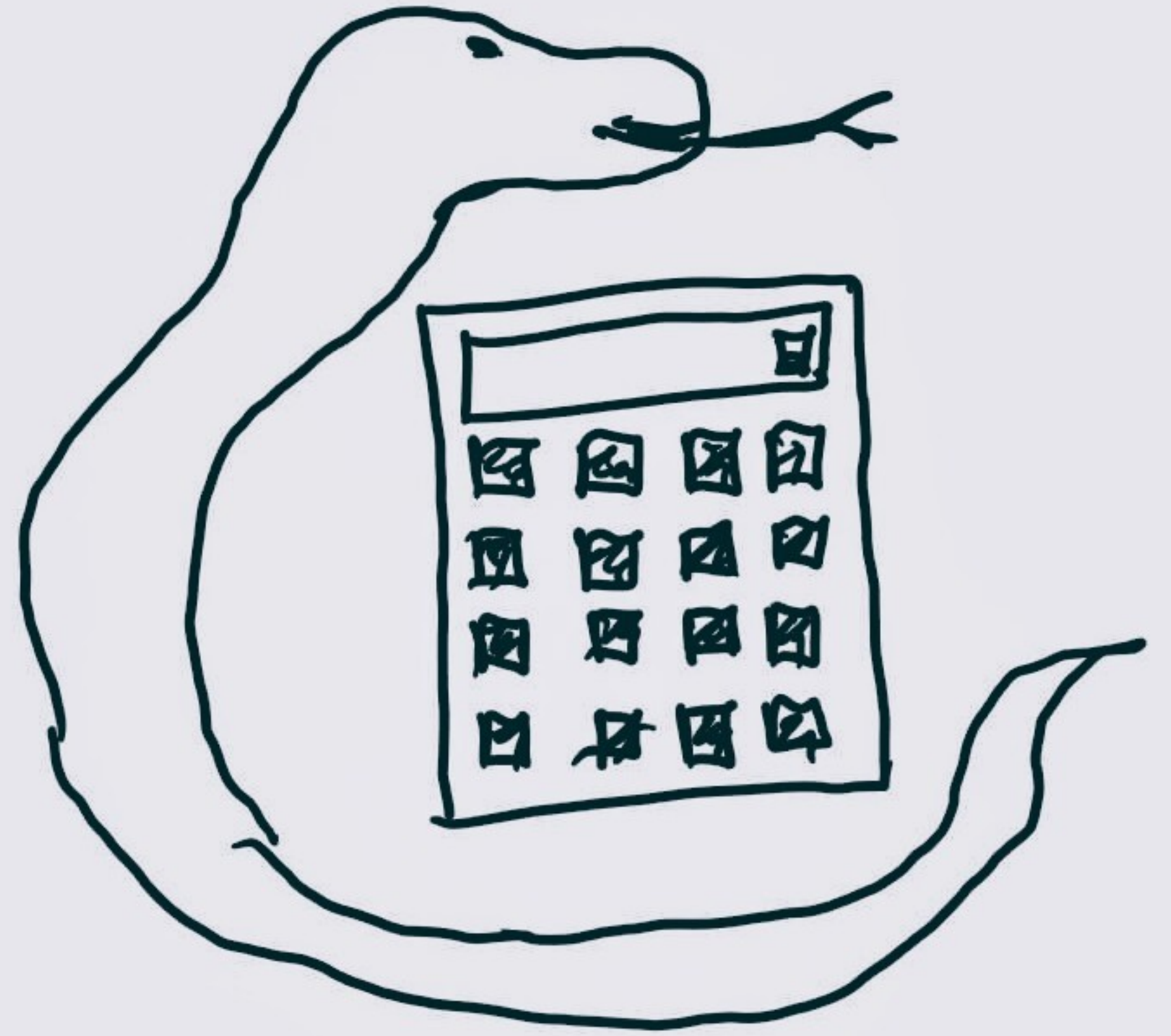
5

>>> 2 ** 8

256

>>> 128 ** 128

5282945311356652463523397849...



> clisp

[1] > (+ 1 2 3 (* 2 2))

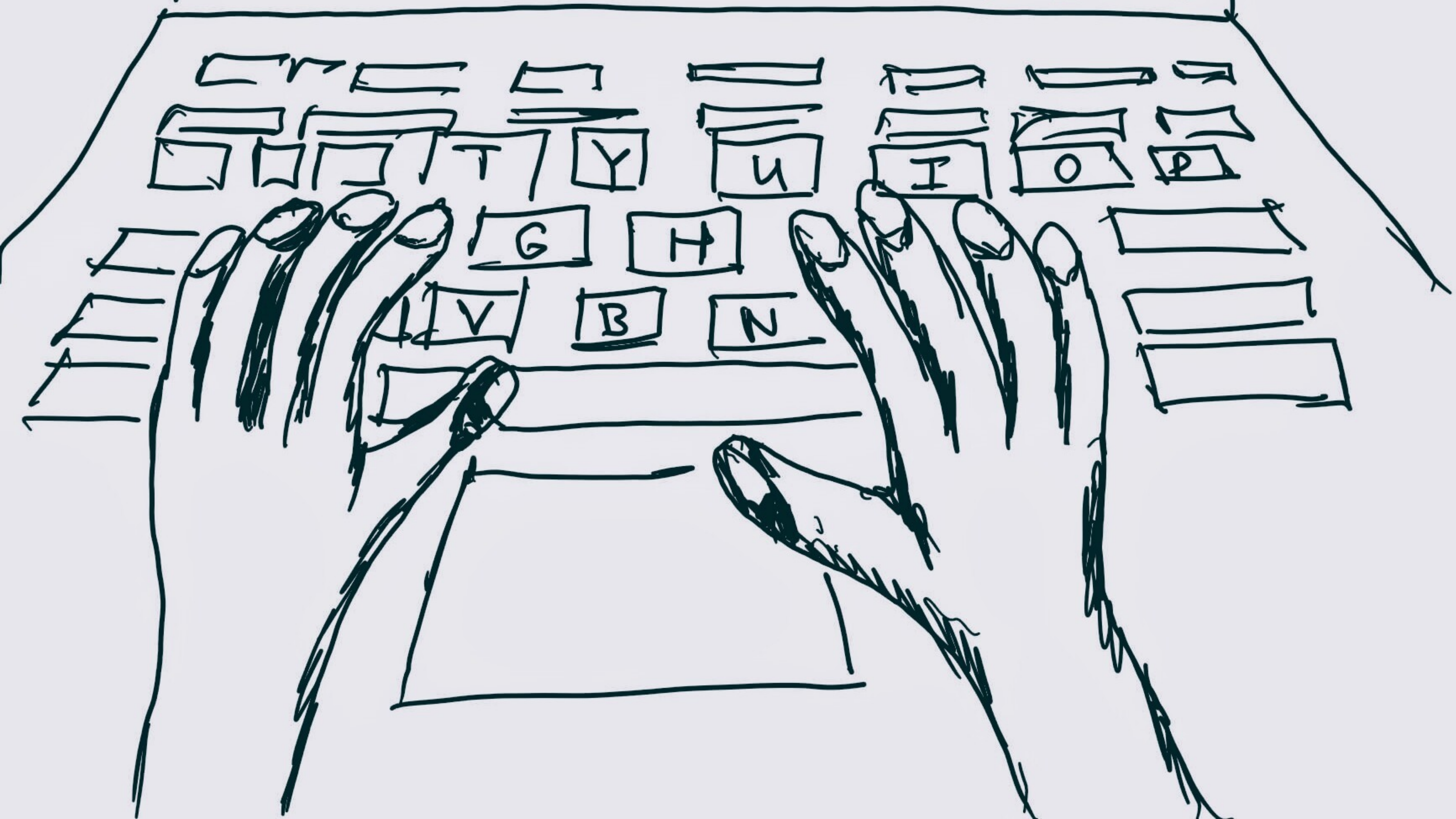
10

Редактор

VIM - Vi IMproved

наберите :q<Enter> чтобы выйти
из программы

0,0-1 Весё



Бонус

> convert page1.jpg page2.jpg
... page10.jpg presentation.pdf

