Quick Write Up: Track Petite frappe

FCSC 2020 - Yxène

Petite frappe 1/3 - Énoncé - intro

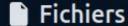
Description

Lors de l'investigation d'un poste GNU/Linux, vous analysez un fichier qui semble être généré par un programme d'enregistrement de frappes de clavier (enregistrement de l'activité de chaque touche utilisée). Retrouvez ce qui a bien pu être écrit par l'utilisateur de ce poste à l'aide de ce fichier!

Note : Insérer le contenu tapé au clavier de ce poste entre FCSC{...} pour obtenir le flag.

Cette épreuve est découpée en trois parties :

- Petite frappe 1/3
- Petite frappe 2/3
- Petite frappe 3/3



petite_frappe_1.txt
9.84 KiB - caa50cd45...

Auteur



petite_frappe_1.txt

cat petite_frappe_1.txt

```
Event: time 1584656705.424839, ------ SYN_REPORT ------
Event: time 1584656706.404214, type 4 (EV_MSC), code 4 (MSC_SCAN), value 16
Event: time 1584656706.404214, type 1 (EV_KEY), code 22 (KEY_U), value 1
Event: time 1584656706.404214, ------ SYN_REPORT -----
Event: time 1584656706.508350, type 4 (EV_MSC), code 4 (MSC_SCAN), value 16
Event: time 1584656706.508350, type 1 (EV_KEY), code 22 (KEY_U), value 0
Event: time 1584656706.508350, ------ SYN_REPORT ------
Event: time 1584656706.674591, type 4 (EV_MSC), code 4 (MSC_SCAN), value 31
Event: time 1584656706.674591, type 1 (EV_KEY), code 49 (KEY_N), value 1
Event: time 1584656706.674591, ------ SYN_REPORT ------
Event: time 1584656706.774463, type 4 (EV_MSC), code 4 (MSC_SCAN), value 31
Event: time 1584656706.774463, type 1 (EV_KEY), code 49 (KEY_N), value 0
Event: time 1584656706.774463, ------ SYN_REPORT ------
Event: time 1584656706.926206, type 4 (EV_MSC), code 4 (MSC_SCAN), value 12
Event: time 1584656706.926206, type 1 (EV_KEY), code 18 (KEY_E), value 1
Event: time 1584656706.926206, ------ SYN_REPORT ------
Event: time 1584656707.023728, type 4 (EV_MSC), code 4 (MSC_SCAN), value 12
Event: time 1584656707.023728, type 1 (EV_KEY), code 18 (KEY_E), value 0
```

EV_KEY linux keyboard

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Unix & Linux Stack Exchange

https://unix.stackexchange.com > ... · Traduire cette page

Remapping an input event from webcam to a ke

11 oct. 2017 — It does seem that the supported **EV_KEY** list printed on evter That list seems to only contain keycodes that have some ...

2 réponses · Meilleure réponse: Adding to the answer by @meuh about usir

Getting type of evdev device - Unix & Linux Stack ... 2 r

Capturing key input from events device and mapping ...

Udev hwdb to re-map a key when I don't know the ...

odev flwdb to re-map a key when i don't know the ..

How to map extra keys in Iinux? - Unix & Linux ...

Autres résultats pour unix.stackexchange.com

2 réponses 5 ju

2 réponses 1 dé

1 réponse 10 déc. 2021

1 réponse 26 févr. 2018



The Linux Kernel Archives

https://www.kernel.org > doc > html · Traduire cette page

2. Input event codes — The Linux Kernel documentation

EV_KEY events take the form KEY_<name> or BTN_<name>. For example, KEY_A is used to represent the 'A' key on a keyboard. When a key is depressed, an event with ...



Doc Linux: Input event codes - Event types

- EV_KEY:
 - Used to describe state changes of keyboards, buttons, or other key-like devices.
 - EV MSC:
 - Used to describe miscellaneous input data that do not fit into other types.

Doc Linux: <u>Input event codes</u> - EV_KEY

2.2.2. EV_KEY

EV_KEY events take the form KEY_<name> or BTN_<name>. For example, KEY_A is used to represent the 'A' key on a keyboard. When a key is depressed, an event with the key's code is emitted with value 1. When the key is released, an event is emitted with value 0. Some hardware send events when a key is repeated. These events have a value of 2. In general, KEY_<name> is used for keyboard keys, and BTN_<name> is used for other types of momentary switch events.



Le faire à la main en 30 sec



Coder pendant 10 min

script1_3.py

```
import re
                 Motif à chercher \rightarrow
                                        PATTERN = r"EV KEY\), code \d+ \(KEY (.+)\), value 1"
                                        def main(filename):
                 Lecture du fichier \rightarrow
                                             with open(filename, 'r') as f:
                                                  lines = f.readlines()
                                             result =
            Parcours ligne par ligne →
                                             for line in lines:
                                                  match = re.search(PATTERN, line)
                                                 if match:
                                   12
Ajout de la touche pressée au résultat →
                                                      result += match.group(1)
                                   14
                                             return result
                                   16
                                   17
                                   18
                                                             main ':
                                              name == '
                                   19
                                             res = main('petite frappe 1.txt')
                                             print(f'FCSC{{{res}}}')
                  Affichage du flag \rightarrow 20
```

Flag 1/3

python3 script1_3.py

FCSC{UNEGENTILLEINTRODUCTION}

Petite frappe 2/3 - Énoncé - 🜟

Description

Lors de l'investigation d'un poste GNU/Linux, vous analysez un nouveau fichier qui semble être généré par un programme d'enregistrement de frappes de clavier. Retrouvez ce qui a bien pu être écrit par l'utilisateur de ce poste à l'aide de ce fichier!

Note : Insérer le contenu tapé au clavier de ce poste entre FCSC{...} pour obtenir le flag.

Cette épreuve est découpée en trois parties :

- Petite frappe 1/3
- Petite frappe 2/3
- Petite frappe 3/3

Fichiers

- petite_frappe_2.txt 3.34 KiB - 5e7c0dd3f...
- Auteur



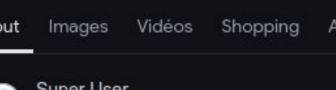
petite_frappe_2.txt

cat petite_frappe_2.txt

```
46
key press
key release 46
key press 24
key press 65
key release 24
key release 65
key press 39
key release 39
key press 32
key release 32
key press 46
key release 46
key press
key release 30
```

"key press 46"

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Super User

https://superuser.com > questions · Traduire cette page

Show keys pressed in Linux [closed]

21 févr. 2011 — ... key press 46 lkey release 46 key press 46 lkey relea

32 key press 37 key press 54 °C chris@retina:~\$ Share.

11 réponses · Meilleure réponse: Others have mentioned xev, which is go

xinput test

```
chris@retina:~$ xinput list
Virtual core pointer
                                           id=2
                                                    [ma
    4 Virtual core XTEST pointer
                                               id=4
   4 bcm5974
                                               id=13
   4 Logitech Unifying Device. Wireless PID:1028 id=
Virtual core keyboard
                                           id=3
                                                    [ma
                                               id=5
   4 Virtual core XTEST keyboard
                                               id=6
    4 Power Button
    4 Power Button
                                               id=7
                                               id=8
    4 Sleep Button
    4 FaceTime HD Camera (Built-in)
                                               id=11
    4 Apple Inc. Apple Internal Keyboard / Trackpad
    4 daskeyboard
                                               id=10
   L daskeyhoard
                                               id=14
chris@retina:~$ xinput test 14
key release 36
key press
hkey release 43
kev press
           26
ekey release 26
key press
           46
lkey release 46
key press
           46
lkey release 46
key press
           32
okey release 32
key press
            37
            54
key press
chris@retina:~$
```



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GitHub

https://github.com > Bin > blob > x... · Traduire cette page

Bin/python/xinput-decoder.py at master · ronanguilloux/Bin

While the code is focused, press Alt+F1 for a menu of operations.

xinput-decoder.py

```
import re, sys
       from subprocess import *
      def get_keymap():
           keymap = \{\}
           table = Popen(['xmodmap', '-pke'], stdout=PIPE).stdout
           for line in table:
11
               m = re.match('keycode +(\d+) = (.+)', line.decode())
               if m and m.groups()[1]:
                   keymap[m.groups()[0]] = m.groups()[1].split()[0]
           return keymap
       if name_ == '_ main_ ':
           keymap = get_keymap();
           for line in sys.stdin:
               m = re.match('key press +(\d+)', line.decode())
               if m:
                   keycode = m.groups()[0]
                   if keycode in keymap:
                       print keymap[keycode],
                       print '?' + keycode,
```

xmodmap -pke

keycode 18 = ccedilla 9 ccedilla 9 asciicircum plusminus asciicircum

xmodmap -pke

```
keycode 19 = agrave 0 agrave 0 at degree at
keycode 20 = parenright degree parenright degree bracketright questiondown bracketright
keycode 21 = equal plus equal plus braceright dead_ogonek braceright
keycode 22 = BackSpace BackSpace BackSpace BackSpace NoSymbol NoSymbol Terminate_Server
keycode 23 = Tab ISO_Left_Tab Tab ISO_Left_Tab
keycode 23 = Tab ISO_Left_Tab Tab ISO_Left_Tab
keycode 24 = a A a A ae AE ae
keycode 25 = z Z z Z guillemotleft less guillemotleft
keycode 26 = e E e E EuroSign cent EuroSign
keycode 27 = r R r R paragraph registered paragraph
keycode 28 = t T t T tslash Tslash tslash
keycode 29 = y Y y Y leftarrow yen leftarrow
keycode 30 = u U u U downarrow uparrow downarrow
keycode 31 = i I i I rightarrow idotless rightarrow
keycode 32 = 0 \ 0 \ 0 \ oslash \ Oslash \ oslash
keycode 33 = p P p P thorn THORN thorn
```

script2_3.py

Commande $xmodmap - pke \rightarrow$

Conversion en dictionnaire \rightarrow

```
Ajout de la touche pressée au résultat →
```

Les touches non imprimables sont traitées différemment \rightarrow

```
Affichage du texte \rightarrow
```

```
import re
    import subprocess
    PATTERN = r"key press
                            (\d+)"
    PATTERN KEYMAP = r"^keycode\s+(\d+) = (\w+)"
    def generate keymap():
        xmodmap = subprocess.check output(['xmodmap','-pke'])\
            .decode('utf-8').split('\n')
        keymap = {}
        for line in xmodmap:
            match = re.search(PATTERN KEYMAP,line)
13
            if match:
                keymap[match.group(1)] = match.group(2)
        return keymap
    def main(filename):
        with open(filename, 'r') as f:
            lines = f.readlines()
        result = ''
        keymap = generate keymap()
        for line in lines:
            match = re.search(PATTERN, line)
            if match:
                key = keymap[match.group(1)]
                if len(key) == 1:
                    result += key
                else:
                    result += ' ' + key.upper() + ' '
        return result
        name == ' main ':
        res = main('petite frappe 2.txt')
        print(f'{res}')
```

Flag 2/3

python3 script2_3.py

la SPACE solution SPACE avec SPACE xinput SPACE ne SPACE semble SPACE pas SPACE super SPACE pratique SPACE a SPACE decoder SHIFT_R SEMICOLON SPACE le SPACE flag SPACE est SPACE un UNDERSCORE clavier UNDERSCORE azerty UNDERSCORE en UNDERSCORE vaut UNDERSCORE deux

=> FCSC{un_clavier_azerty_en_vaut_deux}

Petite frappe 3/3 - Énoncé - 🛨 🛨

Description

Lors de l'investigation d'un serveur GNU/Linux en France, plusieurs fichiers inconnus de l'administrateur ont été retrouvés dont le fichier

-rw-r--r-- 1 root root 55K Mar 21 02:45 /tmp/input

Ce fichier est soupçonné d'être lié à une activité d'un enregistreur de frappe clavier mais aucun programme ne semble avoir été installé sur ce serveur à cette fin. Identifiez le format de ce fichier puis essayez de le décoder afin de trouver le mot de passe de flag.gpg.

Cette épreuve est découpée en trois parties :

- Petite frappe 1/3
- Petite frappe 2/3
- Petite frappe 3/3

Fichiers

☐ <u>input</u>
54.75 KiB - d77e7d33...
☐ <u>flag.gpg</u>
154 B - d8960ce2a474...

Auteur



Types de fichiers

file input flag.gpg

input: data

flag.gpg: GPG symmetrically encrypted data (AES256 cipher)

Structure input

xxd input

Adresse			Vale	Affichage ASCII					
00000000:	5f22	765e	0000	0000	0624	0b00	0000	0000	_"v^\$
00000010:	0400	0400	1c00	0000	5f22	765e	0000	0000	"V^
00000020:	0624	0b00	0000	0000	0100	1c00	0000	0000	.\$
00000030:	5f22	765e	0000	0000	0624	0b00	0000	0000	_"v^\$
00000040:	0000	0000	0000	0000	6622	765e	0000	0000	f"v^
00000050:	1ff3	0e00	0000	0000	0400	0400	1700	0000	
00000060:	6622	765e	0000	0000	1ff3	0e00	0000	0000	f"v^
00000070:	0100	1700	0100	0000	6622	765e	0000	0000	f"v^
00000080:	1ff3	0e00	0000	0000	0000	0000	0000	0000	
00000090:	6722	765e	0000	0000	5089	0000	0000	0000	g"v^P
000000a0:	0400	0400	2000	0000	6722	765e	0000	0000	g"v^
000000b0:	5089	0000	0000	0000	0100	2000	0100	0000	P

Structure input

xxd input

<u>Adresse</u>			<u>Vale</u>		Affichage ASCII				
00000000:	5f22	765e	0000	0000	0624	0b00	0000	0000	_"v^\$
00000010:	0400	0400	1c00	0000	5f22	765e	0000	0000	"V^
00000020:	0624	0b00	0000	0000	0100	1c00	0000	0000	.\$
00000030:	5f22	765e	0000	0000	0624	0b00	0000	0000	_"v^\$
00000040:	0000	0000	0000	0000	6622	765e	0000	0000	f"v^
00000050:	1ff3	0e00	0000	0000	0400	0400	1700	0000	
00000060:	6622	765e	0000	0000	1ff3	0e00	0000	0000	f"v^
00000070:	0100	1700	0100	0000	6622	765e	0000	0000	f"v^
00000080:	1ff3	0e00	0000	0000	0000	0000	0000	0000	
00000090:	6722	765e	0000	0000	5089	0000	0000	0000	g"v^ <u>P</u>
000000a0:	0400	0400	2000	0000	6722	765e	0000	0000	g"v^
000000b0:	5089	0000	0000	0000	0100	2000	0100	0000	P

Blocs de 24 octets

linux event input 24 octets

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Stack Overflow

https://stackoverflow.com > questions > format-of-dev-i...

Format of /dev/input/event - python

What is the "format" of the character devices located in /dev/input/evolution decode the character stream? A Python ...

5 réponses · Meilleure réponse: A simple and raw reader can be just done using: #!/usr/bin/python imp...

Read from /dev/input - Stack Overflow 4 réponses 11 avr. 2013

Processing Linux input events (/dev/input/event*) in PHP 1 réponse 19 nov. 2023

Linux /dev/input/event*: lost mouse movement events 1 réponse 22 avr. 2021

Accessing Keys from Linux Input Device - Stack ... 1 réponse 6 janv. 2014

Autres résultats pour stackoverflow.com



```
import struct
import time
import sys
infile_path = "/dev/input/event"
                                   (sys.argv[1] if len(sys.argv) > 1 else "0")
11 11 11
FORMAT represents the format used by linux kernel input event struct
See https://github.com/torvalds/linux/blob/v5.5-rc5/include/uapi/linux/input.h#L28
Stands for: long int, long int, unsigned short, unsigned short, unsigned int
11 11 11
FORMAT = 'llHHI'
EVENT_SIZE = struct.calcsize(FORMAT)
#open file in binary mode
in_file = open(infile_path, "rb")
event = in_file.read(EVENT_SIZE)
while event:
    (tv_sec, tv_usec, type, code, value) = struct.unpack(FORMAT, event)
    if type != 0 or code != 0 or value != 0:
        print("Event type %u, code %u, value %u at %d.%d" % \
            (type, code, value, tv_sec, tv_usec))
    else:
        # Events with code, type and value == 0 are "separator" events
        print("========"")
    event = in_file.read(EVENT_SIZE)
in file.close()
```



unsigned int value:

script3_3_v1.py

```
import struct
                                   def parse input events(filename):
                                       FORMAT = 'llHHI'
                                       EVENT SIZE = struct.calcsize(FORMAT)
                                       in file = open(filename, "rb")
                                       event = in file.read(EVENT SIZE)
  Parcours par bloc de 24 octets \rightarrow
                                       while event:
                                           (tv sec, tv usec, type, code, value) = \
    Découpage du bloc selon la →
                                               struct.unpack(FORMAT, event)
    structure de input event
                               12
                                           if type != 0 or code != 0 or value != 0:
Affichage de l'événement analysé →
                               13
                                               print("Event type %u, code %u, value %u at %d.%d" % \
                                                   (type, code, value, tv sec, tv usec))
                               15
                                           else:
                                               # "separator" events
                               17
                                               print("=========="")
                               19
                                           event = in file.read(EVENT SIZE)
                                       in file.close()
                               20
                               21
                               22
                                  if name == ' main ':
                               23
                                       parse input events('input')
```

script3_3_v1.py

python script3_3_v1.py

```
Event type 4, code 4, value 28 at 1584800351.730118
Event type 1, code 28, value 0 at 1584800351.730118
Event type 4, code 4, value 23 at 1584800358.979743
Event type 1, code 23, value 1 at 1584800358.979743
Event type 4, code 4, value 32 at 1584800359.35152
Event type 1, code 32, value 1 at 1584800359.35152
Event type 4, code 4, value 23 at 1584800359.49404
Event type 1, code 23, value 0 at 1584800359.49404
Event type 4, code 4, value 32 at 1584800359.132535
Event type 1, code 32, value 0 at 1584800359.132535
Event type 4, code 4, value 28 at 1584800359.905387
Event type 1, code 28, value 1 at 1584800359.905387
```

petite_frappe_1.txt

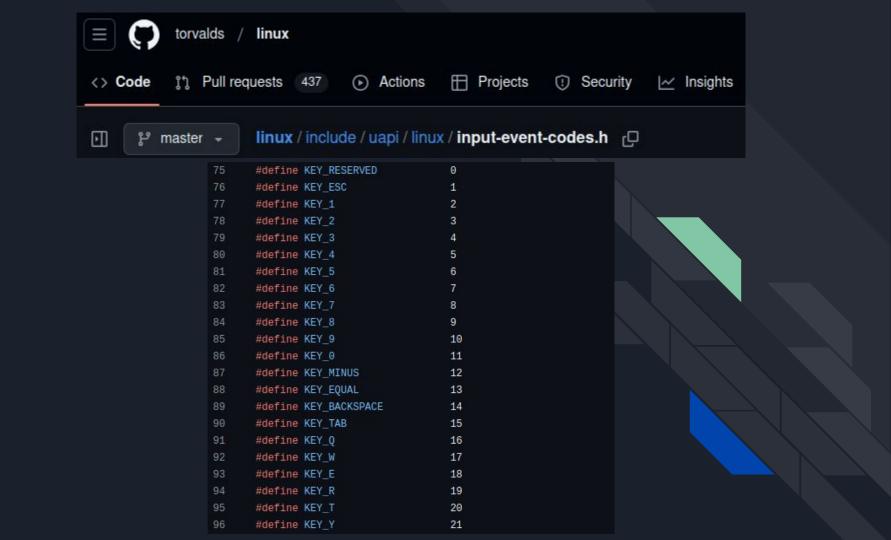
cat petite_frappe_1.txt

```
Event: time 1584656705.424839, ------ SYN_REPORT ------
Event: time 1584656706.404214, type 4 (EV_MSC), code 4 (MSC_SCAN), value 16
Event: time 1584656706.404214, type 1 (EV_KEY), code 22 (KEY_U), value 1
Event: time 1584656706.404214, ------ SYN_REPORT -----
Event: time 1584656706.508350, type 4 (EV_MSC), code 4 (MSC_SCAN), value 16
Event: time 1584656706.508350, type 1 (EV_KEY), code 22 (KEY_U), value 0
Event: time 1584656706.508350, ------ SYN_REPORT ------
Event: time 1584656706.674591, type 4 (EV_MSC), code 4 (MSC_SCAN), value 31
Event: time 1584656706.674591, type 1 (EV_KEY), code 49 (KEY_N), value 1
Event: time 1584656706.674591, ------ SYN_REPORT ------
Event: time 1584656706.774463, type 4 (EV_MSC), code 4 (MSC_SCAN), value 31
Event: time 1584656706.774463, type 1 (EV_KEY), code 49 (KEY_N), value 0
Event: time 1584656706.774463, ------ SYN_REPORT ------
Event: time 1584656706.926206, type 4 (EV_MSC), code 4 (MSC_SCAN), value 12
Event: time 1584656706.926206, type 1 (EV_KEY), code 18 (KEY_E), value 1
Event: time 1584656706.926206, ------ SYN_REPORT ------
Event: time 1584656707.023728, type 4 (EV_MSC), code 4 (MSC_SCAN), value 12
Event: time 1584656707.023728, type 1 (EV_KEY), code 18 (KEY_E), value 0
```

Doc Linux: <u>Input event codes</u> - EV_KEY

2.2.2. EV_KEY

EV_KEY events take the form KEY_<name> or BTN_<name>. For example, KEY_A is used to represent the 'A' key on a keyboard. When a key is depressed, an event with the key's code is emitted with value 1. When the key is released, an event is emitted with value 0. Some hardware send events when a key is repeated. These events have a value of 2. In general, KEY_<name> is used for keyboard keys, and BTN_<name> is used for other types of momentary switch events.



python Input event codes

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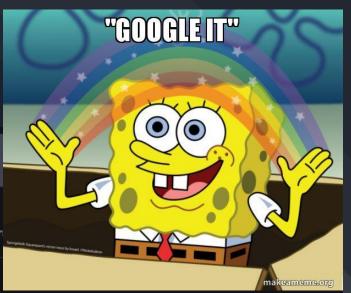


Python-evdev

https://python-evdev.readthedocs.io > ... Traduire cette page

API Reference — Python-evdev - Read the Docs

This module also defines several **InputEvent** sub-classes that know more about the different types of **events** (key, abs, rel etc). The event_factory dictionary ...



Doc python-evdev

Accessing event codes

The evdev.ecodes module provides reverse and forward mappings between the names and values of the event subsystem constants.

```
>>> from evdev import ecodes
>>> ecodes.KEY A
... 30
>>> ecodes.ecodes['KEY A']
... 30
>>> ecodes.KEY[30]
... 'KEY A'
>>> ecodes.bytype[ecodes.EV_KEY][30]
... 'KEY A'
# A single value may correspond to multiple event codes.
>>> ecodes.KEY[152]
... ['KEY_COFFEE', 'KEY_SCREENLOCK']
```

script3_3_v2.py

```
from evdev import ecodes
    import struct
    def parse input events(filename):
        FORMAT = 'llHHI'
        EVENT SIZE = struct.calcsize(FORMAT)
        in file = open(filename, "rb")
        event = in file.read(EVENT SIZE)
        while event:
            (tv sec, tv usec, type, code, value) = \
11
                struct.unpack(FORMAT, event)
12
13
            if type == 1 and value == 1 : # EV KEY pressed
                print("Code %s (%u)" % \
14
15
                     (ecodes.KEY[code], code))
17
            event = in file.read(EVENT SIZE)
18
        in file.close()
19
20
         name == ' main ':
21
        parse input events('input')
```

script3_3_v2.py

python script3_3_v2.py

```
Code KEY_I (23)
                                  Code KEY_G (34)
                                                                   Code KEY_U (22)
  id
       Code KEY_D (32)
                                  Code KEY_SPACE (57)
                                                                   Code KEY_D (32)
       Code KEY_ENTER (28)
                                  Code KEY_RIGHTSHIFT
                                                                    Code KEY_0 (24)
       Code KEY_G (34)
                                  Code KEY_2 (3)
                                                                   Code KEY SPACE (57)
       Code KEY_R (19)
                                  Code KEY_9 (10)
                                                                   Code KEY_Q (16)
       Code KEY_0 (24)
                                  Code KEY_8 (9)
                                                                   Code KEY_P (25)
groups
       Code KEY_U
                                  Code KEY_COMMA (51)
                                                                   Code KEY_T (20)
       Code KEY_P (25)
                                  Code KEY_1 (2)
                                                                   Code KEY_SPACE (57)
                                                                                          apt
       Code KEY_S (31)
                                  Code KEY_2 (3)
                                                                   Code KEY_U (22)
                                                                                        update
                                                          ??
       Code KEY_ENTER (28)
                                  Code KEY_5 (6)
                                                                   Code KEY_P (25)
       Code KEY_P (25)
                                  Code KEY_COMMA (51)
                                                                   Code KEY_D (32)
 ???
                                  Code KEY_2 (3)
       Code KEY_Z (44)
                                                                   Code KEY_Q (16)
                                                                   Code KEY_T (20)
       Code KEY_D (32)
                                  Code KEY_5 (6)
                                  Code KEY_0 (11)
                                                                   Code KEY_E (18)
       Code KEY ENTER (28)
 ???
       Code KEY_Z (44)
                                  Code KEY_COMMA (51)
                                                                   Code KEY_ENTER (28)
       Code KEY_ENTER (28)
                                  Code KEY_4 (5)
                                                                   Code KEY_Q (16)
       Code KEY_P (25)
                                  Code KEY_2 (3)
                                                                   Code KEY_P (25)
       Code KEY_I (23)
                                  Code KEY_ENTER (28)
                                                                   Code KEY_T (20)
 ping
       Code KEY_N (49)
                                  Code KEY_S (31)
```

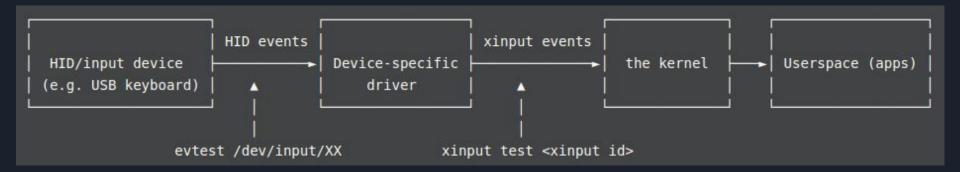
script python script Code KEY_I (23) (22)Code KEY_D (32) (32)(24)Code KEY_ENTER (2 Code KEY_G (34) SPACE (57) Code KEY_R (19) (16)Code KEY_0 (24) (25)groups Code KEY_U (22) (20)Code KEY_P (25) SPACE (57) apt Code KEY_S (31) (22)update Code KEY_ENTER (2 (25)Code KEY_P (25) (32)Code KEY_Z (44) (16)Code KEY_D (20)Code KEY ENTER (2 (18)Code KEY_Z (44) ENTER (28) Code KEY_ENTER (2) (16)Code KEY_P (25) Code KEY_2 (3) Code KEY_P (25) ping Code KEY_I (23) Code KEY_ENTER (28) Code KEY_T (20) Code KEY_N (49) Code KEY_S (31)

id

???

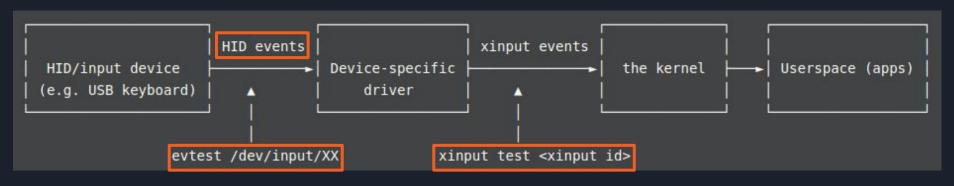
???

Fonctionnement entrées Linux



Fonctionnement entrées Linux

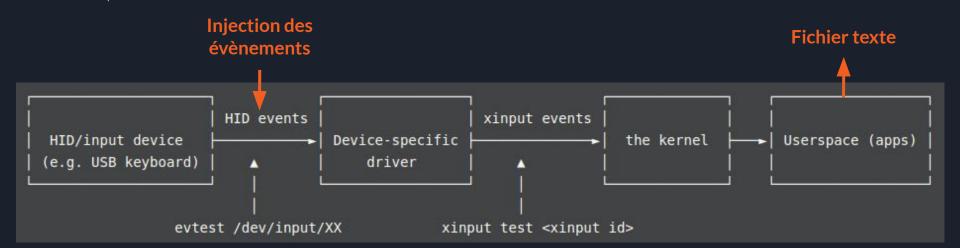
Petite frappe 3/3



Petite frappe 1/3

Petite frappe 2/3

Rejeu des entrées



Rejeu des entrées



script3_3.py

Ajout de chaque évènement de type EV_KEY (code, value) →

Attente pour nous laisser le temps d'aller dans un fichier texte \rightarrow

Rejeu de chaque évènement →

```
from evdev import UInput, ecodes
import struct
import time
def parse input events(filename):
     FORMAT = 'llHHI'
     EVENT SIZE = struct.calcsize(FORMAT)
     in file = open(filename, "rb")
     event = in file.read(EVENT SIZE)
     keys = []
    while event:
         (tv sec, tv usec, type, code, value) = \
             struct.unpack(FORMAT, event)
         if type == 1: # EV KEY
             print("Event type %u, code %s (%d), v
                 (type, ecodes.KEY[code],code, val
             keys.append((code, value))
         event = in file.read(EVENT SIZE)
     in file.close()
     return keys
def main(filename):
     keys = parse input events(filename)
     ui = UInput()
     time.sleep(5)
     for code, value in keys:
         ui.write(ecodes.EV KEY, code, value)
         ui.syn()
         time.sleep(0.1)
     ui.close()
     name == '
    main('input')
```

script3_3.py

python script3_3.py

```
apt list --upgradable
man asc
  qcd
ls
cd Docu
         Challs
git status
git rm flag:wq
git add README.md
git commit -m "Remove flag.txt"
git push
cd ..
ls
df -h
gpg --output flag --decrypt flag.gpg
Destination_Autriche_#TEAMFR
cat flag
exit
```

Déchiffrement GPG

```
gpg --output flag --decrypt flag.gpg # Destination_Autriche_#TEAMFR
cat flag
```

FCSC{0bec21052ae86baf149eb97ce52de0fec1d6b8e1ed827fe026f6197be07419c3}

Questions

