NTT Security

GamebuiKeyboard

Antoine CERVOISE

[Rump-PTS-2019]-[External]-[Final]-v[1.0]

Pass The Salt 2018

Open Hardware for (software) offensive security

More ideas

Source: gamebuino.com

[Open Hardware for (software) offensive security]-[Public]-[Final]-v[1-0]   04 07 2018   NTT Security

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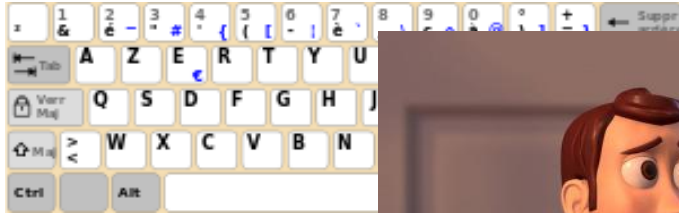KEYBOARDS!!!!!!!!!!!!!!!!!

Keyboards

Sources: Wikipedia

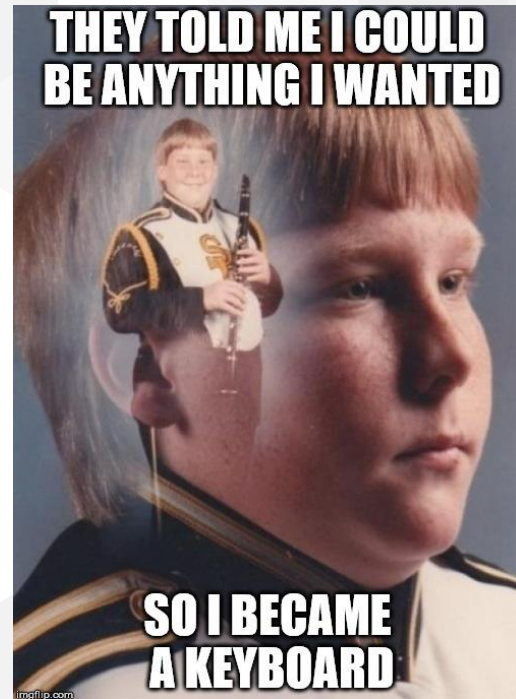NTT Security

Keyboards

Sources: Wiki...

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Gamebuino?

Based on Arduino Leonardo

Games are

- .ino code

- Compiled and dropped on the SD card

- loaded by the sketch on the Gambuino

99,99 € (https://gamebuino.com/)

THEY TOLD ME I COULD BE ANYTHING I WANTED

SO I BECAME A KEYBOARD

imgflip.com

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Keybaord with layout - Arduino

https://github.com/cervoise/KeyboardWithLayout

```
470                    if (layout == FR_FRENCH) {
471                        if (payload[i] == '^'){
472                            delay(10);
473                            press(' ', FR_FRENCH);
474                        } else if (payload[i] == '`' or payload[i] == '~') {
475                            releaseAll();
476                            press(' ', FR_FRENCH);
477                        }
478                    }
```

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Gamebuino & Keyboard with layout

https://github.com/cervoise/so-i-became-a-keyboard/tree/master/boards/gamebuino/payload-chooser

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Gamebuino & Keyboard with layout

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More info

https://github.com/cervoise/so-i-became-a-keyboard/

- Bypass CIRCLean (fixed on 30 Oct 2015): https://github.com/cervoise/so-i-became-a-keyboard/blob/master/payloads/CIRCLean-bypass.ino
- Make autorun great again: https://github.com/cervoise/so-i-became-a-keyboard/tree/master/payloads/make-autorun-great-again

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