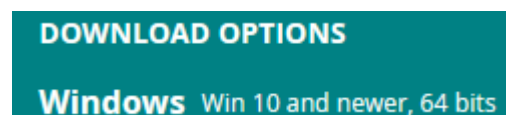**// Disclaimer // Hacking without permission is illegal. This file is strictly educational for learning about cyber-security in the areas of ethical hacking and penetration testing so that we can protect ourselves against the real hackers.**
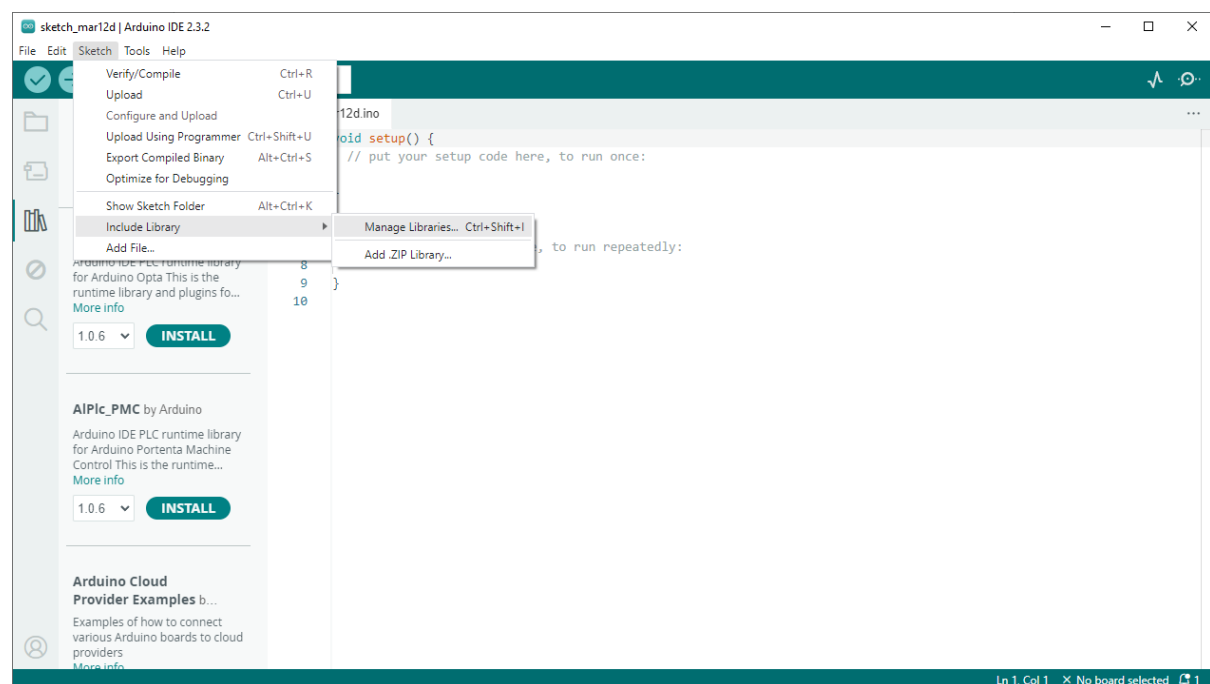
How to change keyboard on Bad USB:

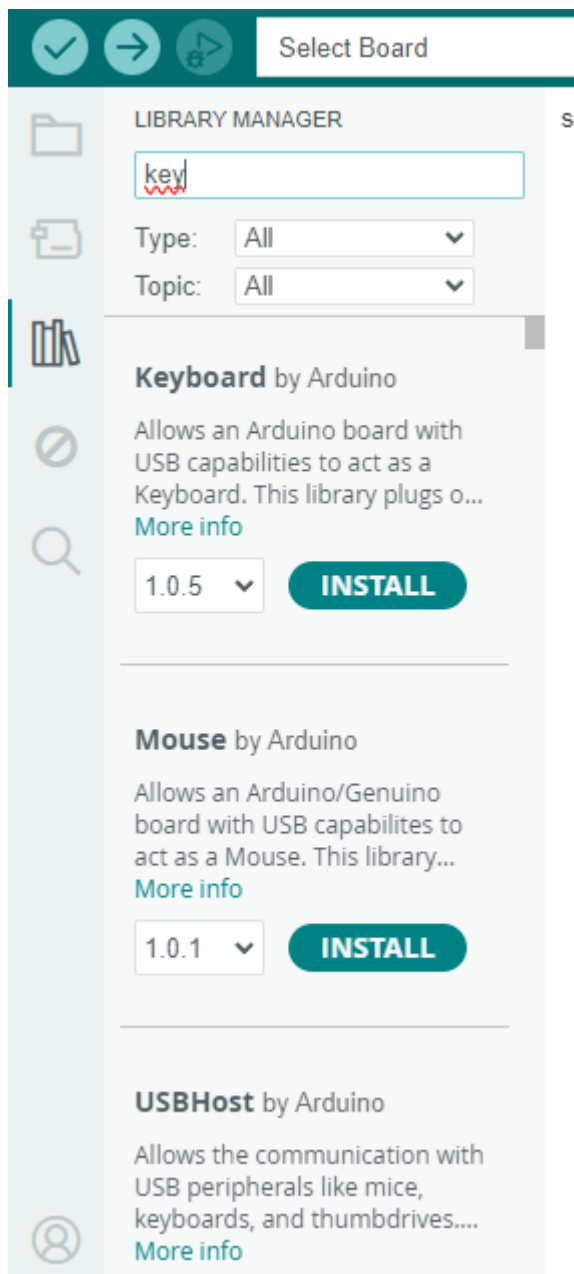Go to https://www.arduino.cc/en/software and downloads the program.

Then install it.

Run the program and it will look like this:

When Arduino is running go in under the following:

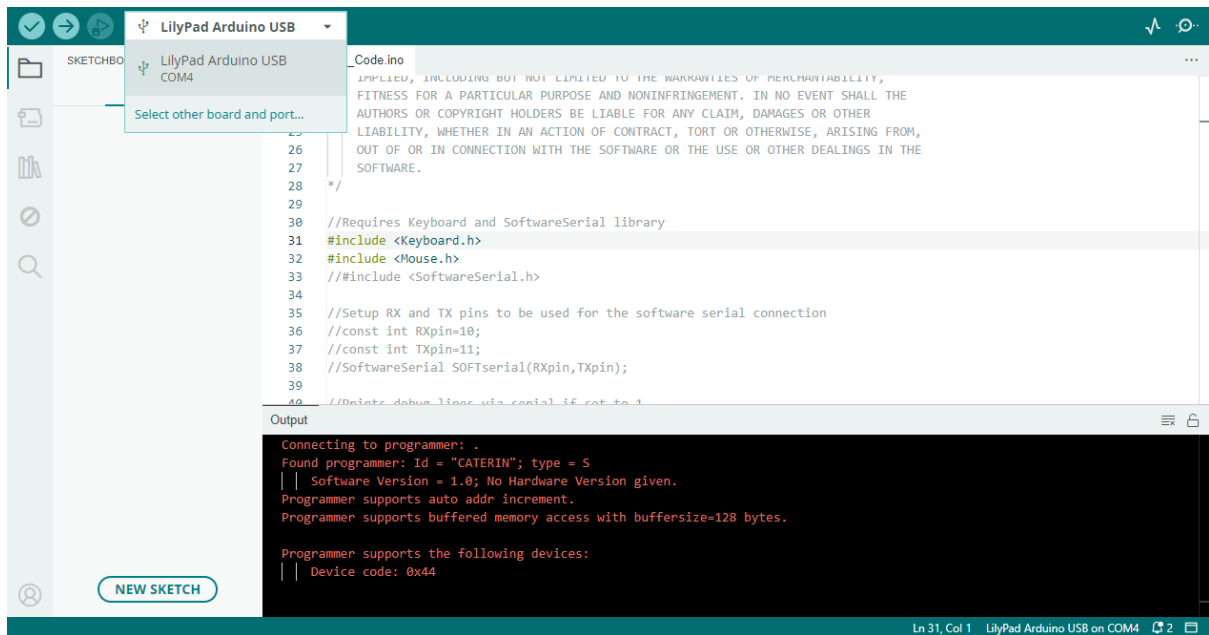Type Key in the "Filter your search..."

And install Keyboard by Arduino.

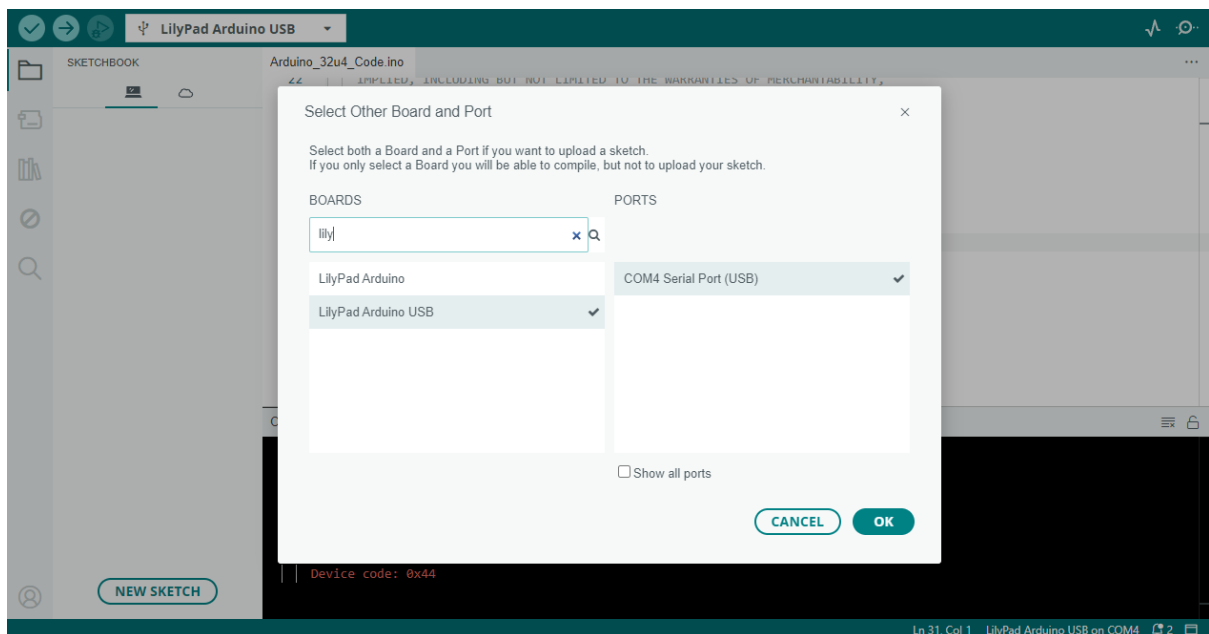Insert your Bad USB in any port on your computer and let windows accept it.

In Arduino select the following:

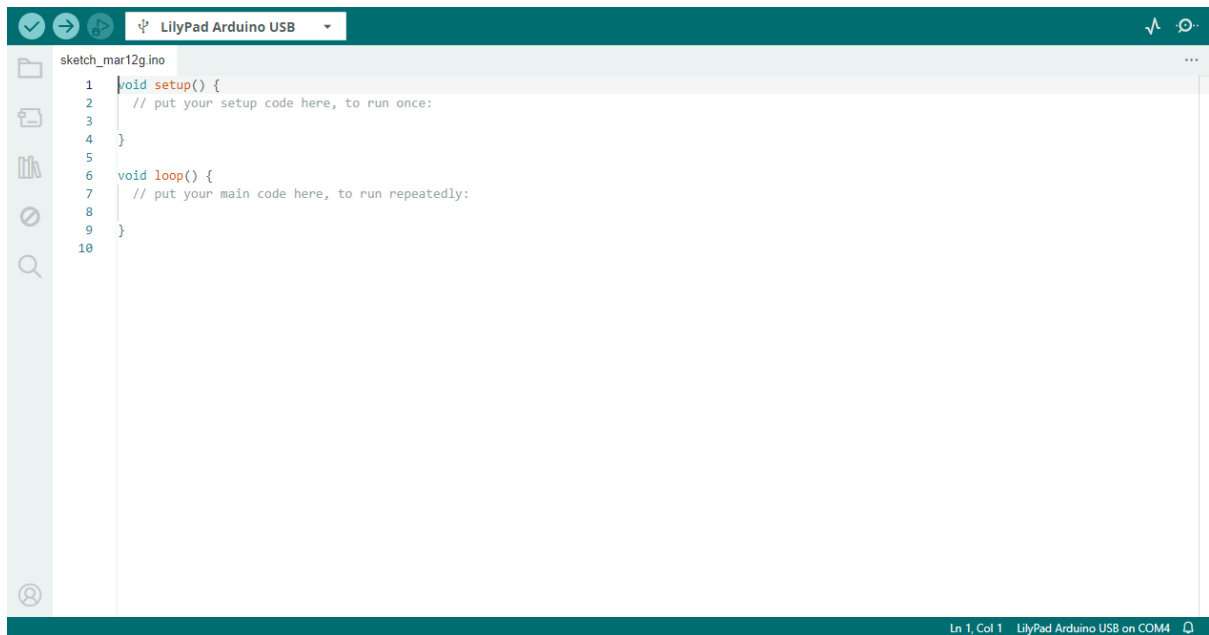LilyPad Arduino USB like this (Mine already show it, as I already have installed it)

Select other board and ports…

Now write Lily in the search bare and pick

"LilyPad Arduino USB"

Press ok and your Arduino should now look like this:

(if it is not, that is ok)

Now download this file
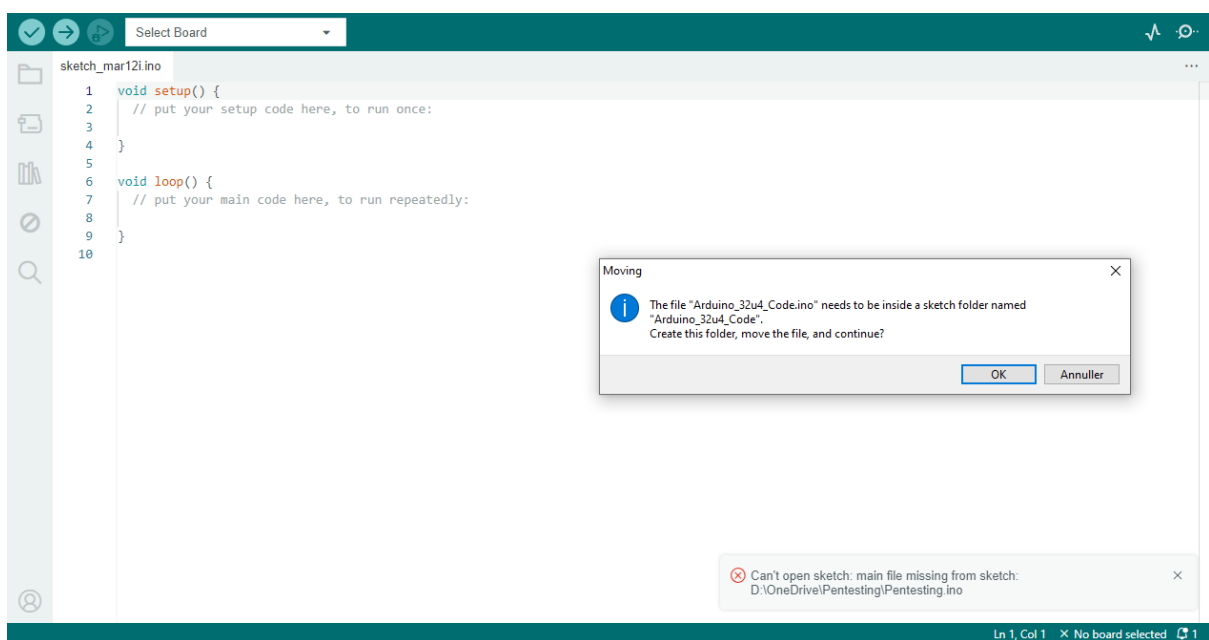
https://ufile.io/dkqu2lmi

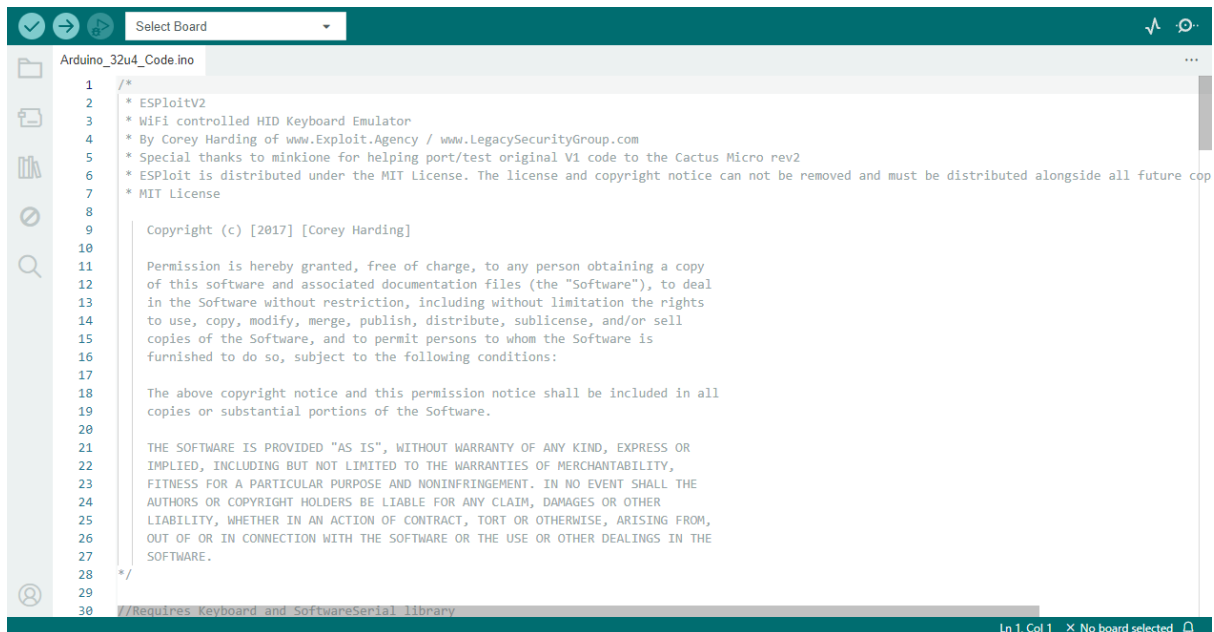Password is: zsecurity.org

No, it is not a virus, or else Zsecurity will cut me off from helping people.

Now copy that file to a different folder on your computer and run it.

Accept everything Arduino Ide tells you.

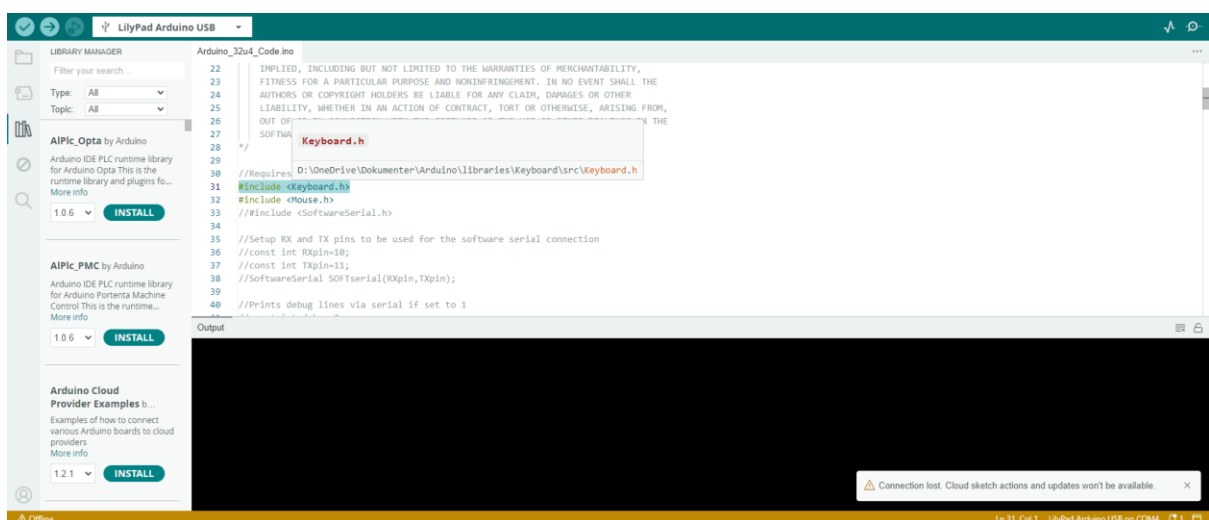Your screen should look like this:

Now comes the hard part:

Changing language of your BadUsb.

Scroll down to where it reads:

#include <Keyboard.h>
Hover your curser over the keyboard.h and a link will show up. (mine is different from yours)

Mine reads:

D:\OneDrive\Dokumenter\Arduino\libraries\Keyboard\src\Keyboard.h

But your are different, now remove Keyboard.k, so it looks like this

D:\OneDrive\Dokumenter\Arduino\libraries\Keyboard\src\

And open it up in a window folder

It will look like this:

Navn	Status	Ændringsdato	Type	Størrelse
Keyboard.cpp	⟳	12-03-2024 17:19	CPP-fil	7 KB
Keyboard	⟳	12-03-2024 17:19	H-fil	5 KB
Keyboard_da_DK	⟳	12-03-2024 17:19	H-fil	2 KB
Keyboard_de_DE	⟳	12-03-2024 17:19	H-fil	2 KB
Keyboard_es_ES	⟳	12-03-2024 17:19	H-fil	2 KB
Keyboard_fr_FR	⟳	12-03-2024 17:19	H-fil	2 KB
Keyboard_hu_HU	⟳	12-03-2024 17:19	H-fil	2 KB
Keyboard_it_IT	⟳	12-03-2024 17:19	H-fil	2 KB
Keyboard_pt_PT	⟳	12-03-2024 17:19	H-fil	2 KB
Keyboard_sv_SE	⟳	12-03-2024 17:19	H-fil	2 KB
KeyboardLayout	⟳	12-03-2024 17:19	H-fil	3 KB
KeyboardLayout_da_DK.cpp	⟳	12-03-2024 17:53	CPP-fil	3 KB
KeyboardLayout_de_DE.cpp	⟳	12-03-2024 17:19	CPP-fil	3 KB
KeyboardLayout_en_US.cpp	⟳	12-03-2024 17:19	CPP-fil	3 KB
KeyboardLayout_es_ES.cpp	⟳	12-03-2024 17:19	CPP-fil	3 KB
KeyboardLayout_fr_FR.cpp	⟳	12-03-2024 17:19	CPP-fil	3 KB
KeyboardLayout_hu_HU.cpp	⟳	12-03-2024 17:19	CPP-fil	3 KB
KeyboardLayout_it_IT.cpp	⟳	12-03-2024 17:19	CPP-fil	3 KB
KeyboardLayout_pt_PT.cpp	⟳	12-03-2024 17:19	CPP-fil	3 KB
KeyboardLayout_sv_SE.cpp	⟳	12-03-2024 17:19	CPP-fil	3 KB

Right click on Keyboard and pick edit/rediger

Navn	Status	Ændringsdato	Type	Størrelse
Keyboard.cpp	⟳	12-03-2024 17:19	CPP-fil	7 KB
Keyboard	⟳	12-03-2024 17:19	H-fil	5 KB
Keyboa **Åbn**		12-03-2024 17:19	H-fil	2 KB
Keyboa Rediger		12-03-2024 17:19	H-fil	2 KB
Keyboa ⑤ Del med Skype		12-03-2024 17:19	H-fil	2 KB
Keyboa 7-Zip ＞		12-03-2024 17:19	H-fil	2 KB
Keyboa ⊘ Scan valgte områder for viruser		12-03-2024 17:19	H-fil	2 KB
Keyboa 🖌 Slet permanent med Avast		12-03-2024 17:19	H-fil	2 KB
Keyboa 🔒 Sign and encrypt		12-03-2024 17:19	H-fil	2 KB
Keyboa More GpgEX options ＞		12-03-2024 17:19	H-fil	2 KB
Keyboa		12-03-2024 17:19	H-fil	3 KB
Keyboa ↪ Del		12-03-2024 17:53	CPP-fil	3 KB
Keyboa Åbn med ＞		12-03-2024 17:19	CPP-fil	3 KB
Keyboa Gendan tidligere versioner		12-03-2024 17:19	CPP-fil	3 KB
Keyboa		12-03-2024 17:19	CPP-fil	3 KB
Keyboa Send til ＞		12-03-2024 17:19	CPP-fil	3 KB
Keyboa Klip		12-03-2024 17:19	CPP-fil	3 KB
Keyboa Kopiér		12-03-2024 17:19	CPP-fil	3 KB
Keyboa Opret genvej		12-03-2024 17:19	CPP-fil	3 KB
Keyboa Slet		12-03-2024 17:19	CPP-fil	3 KB
Omdøb				
Egenskaber				

And this will open:

```
/*
  Keyboard.h

  Copyright (c) 2015, Arduino LLC
  Original code (pre-library): Copyright (c) 2011, Peter Barrett

  This library is free software; you can redistribute it and/or
  modify it under the terms of the GNU Lesser General Public
  License as published by the Free Software Foundation; either
  version 2.1 of the License, or (at your option) any later version.

  This library is distributed in the hope that it will be useful,
  but WITHOUT ANY WARRANTY; without even the implied warranty of
  MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the GNU
  Lesser General Public License for more details.

  You should have received a copy of the GNU Lesser General Public
  License along with this library; if not, write to the Free Software
  Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA  02110-1301  USA
*/

#ifndef KEYBOARD_h
#define KEYBOARD_h

#include "HID.h"

#if !defined(_USING_HID)

#warning "Using legacy HID core (non pluggable)"

#else

//================================================================================
//================================================================================
//  Keyboard

// Modifiers
#define KEY_LEFT_CTRL    0x80
#define KEY_LEFT_SHIFT   0x81
#define KEY_LEFT_ALT     0x82
#define KEY_LEFT_GUI     0x83
#define KEY_RIGHT_CTRL   0x84
#define KEY_RIGHT_SHIFT  0x85
```

Now scroll down to where it reads:

void begin(const uint8_t *layout = KeyboardLayout_en_US);

```
class Keyboard_ : public Print
{
private:
  KeyReport _keyReport;
  const uint8_t *_asciimap;
  void sendReport(KeyReport* keys);
public:
  Keyboard_(void);
  void begin(const uint8_t *layout = KeyboardLayout_en_US);
  void end(void);
  size_t write(uint8_t k);
  size_t write(const uint8_t *buffer, size_t size);
  size_t press(uint8_t k);
  size_t release(uint8_t k);
  void releaseAll(void);
};
extern Keyboard_ Keyboard;

#endif
#endif
```

Change the KeyboardLayout_en_US with what keyboard you want to use. There is only the few here to pick from:

KeyboardLayout_de_DE

KeyboardLayout_en_US

KeyboardLayout_es_ES

KeyboardLayout_fr_FR

KeyboardLayout_it_IT

KeyboardLayout_pt_PT

KeyboardLayout_sv_SE

KeyboardLayout_da_DK

KeyboardLayout_hu_HU

In my case I will pick KeyboardLayout_da_DK as I am from Denmark and the line will look like this:

```
  uint8_t modifiers;
  uint8_t reserved;
  uint8_t keys[6];
} KeyReport;

class Keyboard_ : public Print
{
private:
  KeyReport _keyReport;
  const uint8_t *_asciimap;
  void sendReport(KeyReport* keys);
public:
  Keyboard_(void);
  void begin(const uint8_t *layout = KeyboardLayout_da_DK);
  void end(void);
  size_t write(uint8_t k);
  size_t write(const uint8_t *buffer, size_t size);
  size_t press(uint8_t k);
  size_t release(uint8_t k);
  void releaseAll(void);
```
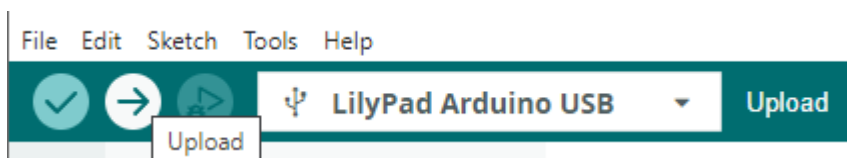
Now save the file and you are done.

It is possible to make your own layout of keys, but that is a completely different matter.

BUT, it is not possible to use special characters like æ ø å and that likes, but as it is only used on a computer with normal programming language, it won't matter, unless you are making folders with special characters.

Now in Arduino IDE, while having your BADUSB in, press the upload button and after that, your BADUSB is ready to go.

Have fun and stay Legal.

SK2073

Helper At Zsecurity.org