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FPS\_Enroll.ino - Library example for controlling the GT-511C3 Finger Print Scanner (FPS)

Created by Josh Hawley, July 23rd 2013

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basically, Feel free to hack away at it, but just give me credit for my work =)

TLDR; Wil Wheaton's Law

This sketch will attempt to identify a previously enrolled fingerprint.

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#include "FPS\_GT511C3.h"

#include "SoftwareSerial.h"

// Hardware setup - FPS connected to:

// digital pin 4(arduino rx, fps tx)

// digital pin 5(arduino tx - 560ohm resistor fps tx - 1000ohm resistor - ground)

// this brings the 5v tx line down to about 3.2v so we dont fry our fps

FPS\_GT511C3 fps(8, 7);

void setup()

{

Serial.begin(9600);

fps.Open();

fps.SetLED(true);

pinMode(10,OUTPUT);

}

void loop()

{

// Identify fingerprint test

if (fps.IsPressFinger())

{

fps.CaptureFinger(false);

int id = fps.Identify1\_N();

if (id <200)

{

digitalWrite(10, HIGH);

Serial.print("Verified ID:");

Serial.println(id);

}

else

{

Serial.println("Finger not found");

}

}

else

{

Serial.println("Please press finger");

}

delay(2000);

}