RFID REGESTER CODE::::::::::::

#include <EasyMFRC522.h>

#include <RfidDictionaryView.h>

#include <deprecated.h>

#include <MFRC522.h>

#include <MFRC522Extended.h>

#include <require\_cpp11.h>

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\* Example sketch/program showing how to read data from a PICC to serial.

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\* This is a MFRC522 library example; for further details and other examples see: https://github.com/miguelbalboa/rfid

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\* Example sketch/program showing how to read data from a PICC (that is: a RFID Tag or Card) using a MFRC522 based RFID

\* Reader on the Arduino SPI interface.

\*

\* When the Arduino and the MFRC522 module are connected (see the pin layout below), load this sketch into Arduino IDE

\* then verify/compile and upload it. To see the output: use Tools, Serial Monitor of the IDE (hit Ctrl+Shft+M). When

\* you present a PICC (that is: a RFID Tag or Card) at reading distance of the MFRC522 Reader/PCD, the serial output

\* will show the ID/UID, type and any data blocks it can read. Note: you may see "Timeout in communication" messages

\* when removing the PICC from reading distance too early.

\*

\* If your reader supports it, this sketch/program will read all the PICCs presented (that is: multiple tag reading).

\* So if you stack two or more PICCs on top of each other and present them to the reader, it will first output all

\* details of the first and then the next PICC. Note that this may take some time as all data blocks are dumped, so

\* keep the PICCs at reading distance until complete.

\*

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\* Typical pin layout used:

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\* MFRC522 Arduino Arduino Arduino Arduino Arduino

\* Reader/PCD Uno/101 Mega Nano v3 Leonardo/Micro Pro Micro

\* Signal Pin Pin Pin Pin Pin Pin

\* -----------------------------------------------------------------------------------------

\* RST/Reset RST 9 5 D9 RESET/ICSP-5 RST

\* SPI SS SDA(SS) 10 53 D10 10 10

\* SPI MOSI MOSI 11 / ICSP-4 51 D11 ICSP-4 16

\* SPI MISO MISO 12 / ICSP-1 50 D12 ICSP-1 14

\* SPI SCK SCK 13 / ICSP-3 52 D13 ICSP-3 15

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\* More pin layouts for other boards can be found here: https://github.com/miguelbalboa/rfid#pin-layout

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#include <SPI.h>

#include <MFRC522.h>

#define RST\_PIN 9 // Configurable, see typical pin layout above

#define SS\_PIN 10 // Configurable, see typical pin layout above

MFRC522 mfrc522(SS\_PIN, RST\_PIN); // Create MFRC522 instance

void setup() {

Serial.begin(9600); // Initialize serial communications with the PC

while (!Serial); // Do nothing if no serial port is opened (added for Arduinos based on ATMEGA32U4)

SPI.begin(); // Init SPI bus

mfrc522.PCD\_Init(); // Init MFRC522

delay(4); // Optional delay. Some board do need more time after init to be ready, see Readme

mfrc522.PCD\_DumpVersionToSerial(); // Show details of PCD - MFRC522 Card Reader details

Serial.println(F("Scan PICC to see UID, SAK, type, and data blocks..."));

}

void loop() {

// Reset the loop if no new card present on the sensor/reader. This saves the entire process when idle.

if ( ! mfrc522.PICC\_IsNewCardPresent()) {

return;

}

// Select one of the cards

if ( ! mfrc522.PICC\_ReadCardSerial()) {

return;

}

// Dump debug info about the card; PICC\_HaltA() is automatically called

mfrc522.PICC\_DumpToSerial(&(mfrc522.uid));

}