Módulo “RedController.h”

Librerías importadas:

<FS.h>

<ESP8266WiFi.h>

<NTPClient.h>

<WiFiUdp.h>

<ESP8266WebServer.h>

<ESP8266mDNS.h>

<ArduinoJson.h>

NTPClient v3.2.0 – Fabrice Weinberg

ArduinoJson v6.18.5 – Benoit Blanchon

PubSubClient v2.8.0 – Nick O’Leary

RTClib v2.0.1 – Adafruit

**Atributos:**

static ESP8266WebServer server;

const long UTC\_OFFSET\_IN\_SECONDS = -6 \* (60 \* 60);

String ssid;

String password;

String deviceSSID;

String devicePassword;

boolean shouldConnectToAccessPoint;

String mdnsName;

MDNSResponder mdns;

WiFiUDP ntpUDP;

**Métodos:**

void configServer();

void handleSetConnectionTimers();

void handleNotFound();

void setup\_time();

RedController();

void init(String deviceSSID, String devicePassword, String redSSID, String redPassword);

void setup\_wifi();

boolean isConnectedToAccessPoint();

void connectToAccessPoint();

void update\_timeNTP(int dateTime[]);

void handleClient();

boolean getShouldConnectToAccessPoint();

**Getter y Setters:**

void setValue(String value);

void setSsid(String ssid);

void setPassword(String password);

void setDeviceSSID(String ssid);

void setDevicePassword(String password);

void setDeviceCredentials(String deviceId, String password);

void setShouldConnectToAccessPoint(boolean shouldConnectToAP);

String getSsid();

String getDeviceSSID();

String getPassword();

String getDevicePassword();