Código

```
#include <Arduino.h>

/* delete a task when finish,
this will never happen because this is infinity loop */

void funcion1(void * parameter)
{
#define led 16
pinMode(led, OUTPUT);

for(;;)
{
digitalWrite(led, HIGH);
Serial.println("ON");
delay(1000);
digitalWrite(led, LOW);
Serial.println("OFF");vTaskDelete (NULL);
delay(1000);

}

}

void setup()
{
Serial.begin(112500);

xTaskCreate(
funcion1, /* Task function. /
"FUNCION 1", / name of task. /
10000, / Stack size of task /
NULL, / parameter of the task /
1, / priority of the task /
NULL); / Task handle to keep track of created task */
}

void loop()
{}
```
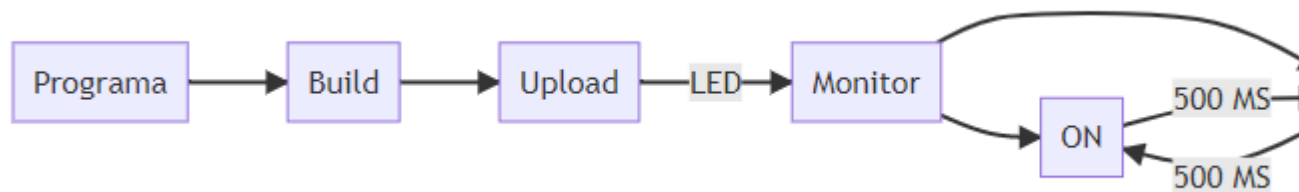
Diagrama de flujos

Diagrama de tiempos