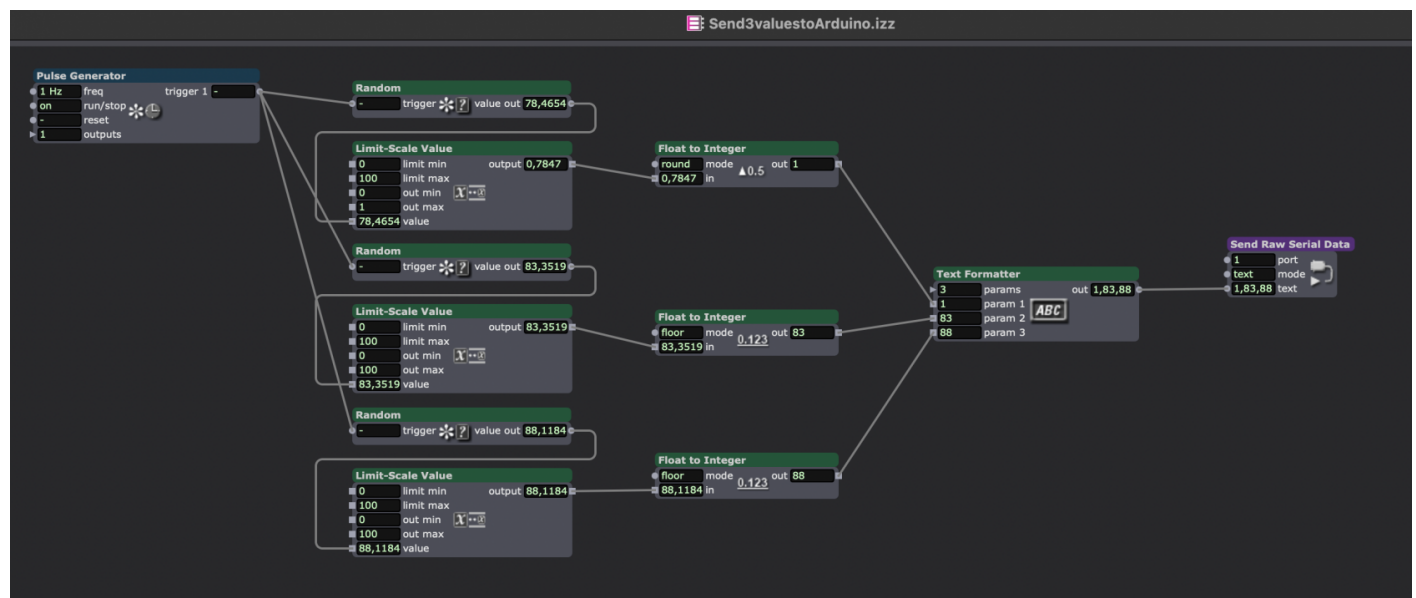
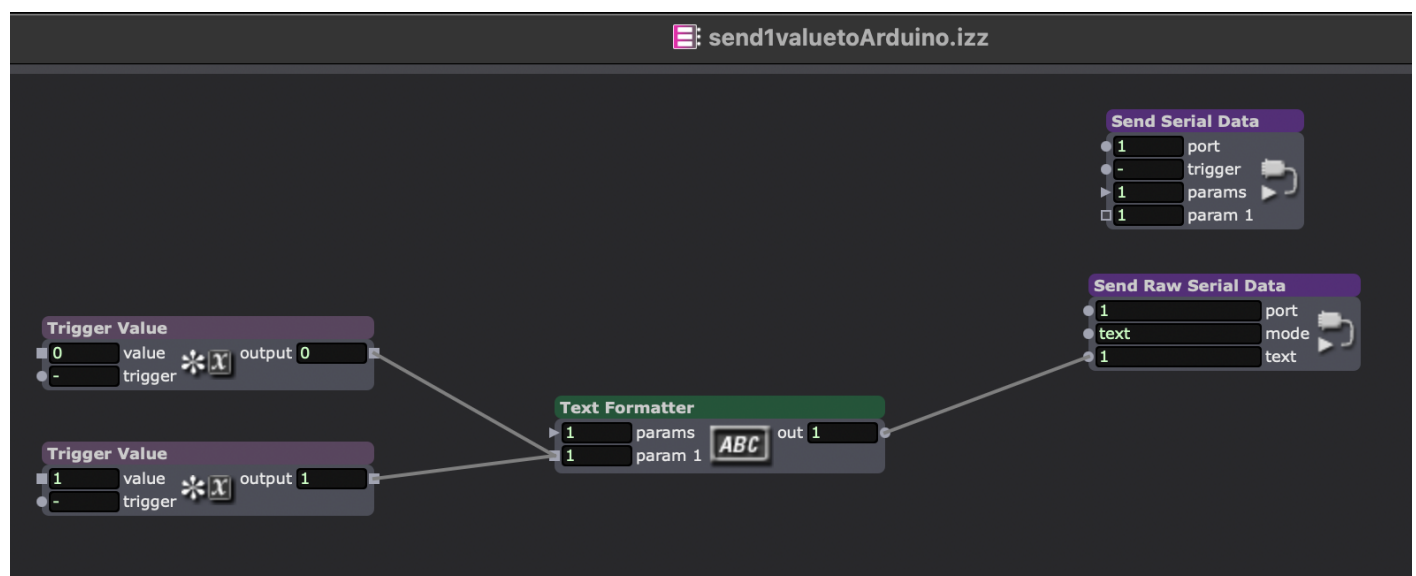


Send data from Isadora to Arduino

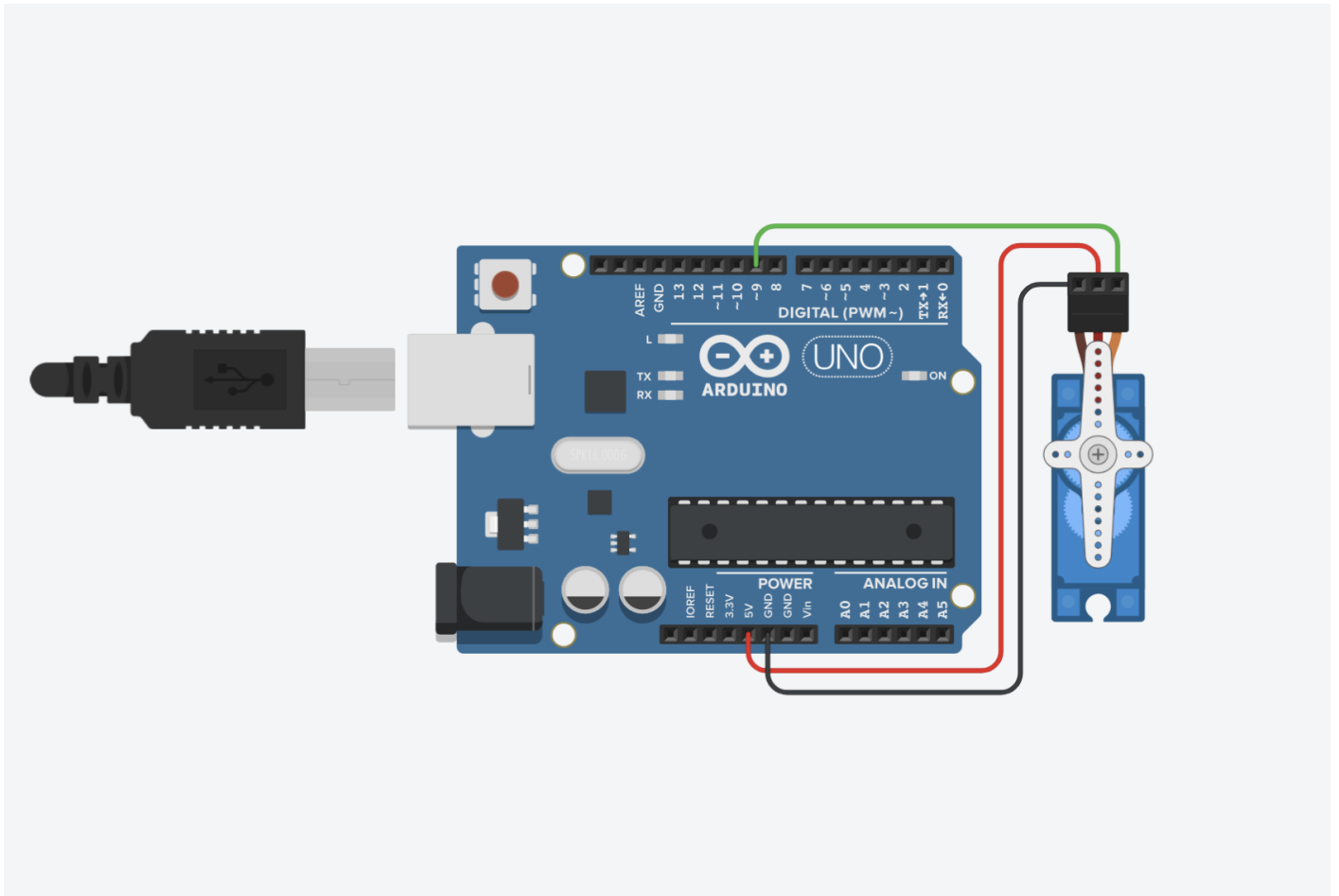
Think of it as if you were building the circuit in Arduino and you use the message from Isadora to turn the circuit on or off.

Work files for Arduino & Isadora are added to this book, screenshots just for show ;)



Files not made by me, for more info contact me (Simone van Dordrecht) or Machiel Veltkamp <machiel.veltkamp@hku.nl>

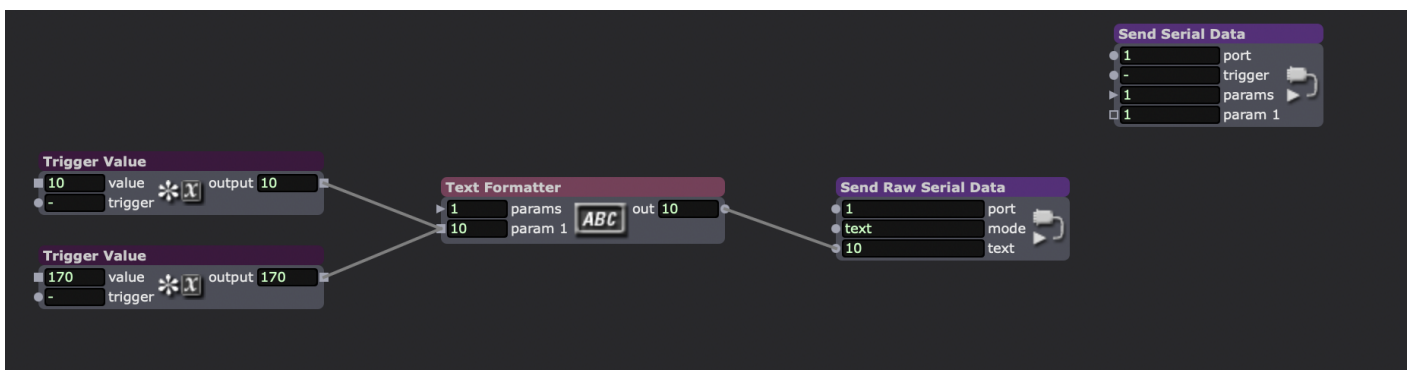
Example project: Control motor with Isadora



Download Isadora file:

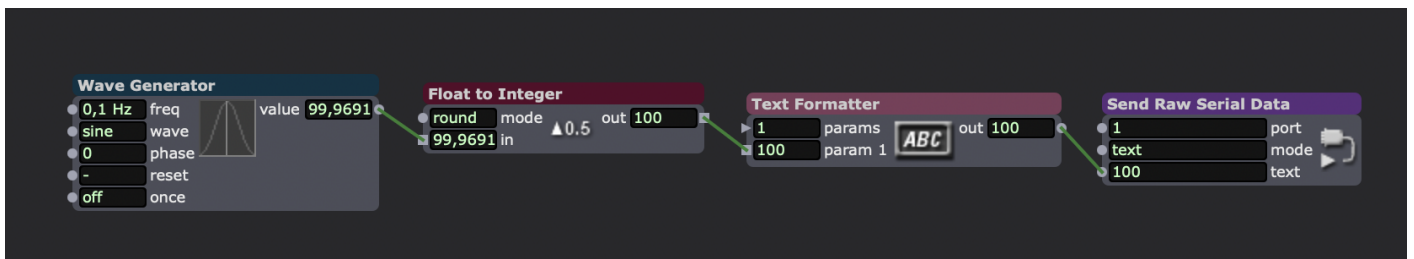
[send-value-to-ArduinoV2.izz](#)

fixed values:



or

Range of values (doesn't work well with motors):



Arduino code:

```
#include <Servo.h>

Servo myServo;

int pos = 0;

void setup() {
  Serial.begin(9600);
  myServo.attach(9);
}

void loop() {
  if (Serial.available() > 0) {
    pos = Serial.parseInt(); // verwacht een getal 0-180
    pos = constrain(pos, 0, 180);
    myServo.write(pos);

    // resterende tekens (zoals de newline) uit de buffer opruimen,
    // zodat parseInt() niet nog een keer wordt aangeroepen op een lege regel
    while (Serial.available() > 0) {
      Serial.read();
    }
  }
}
```

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