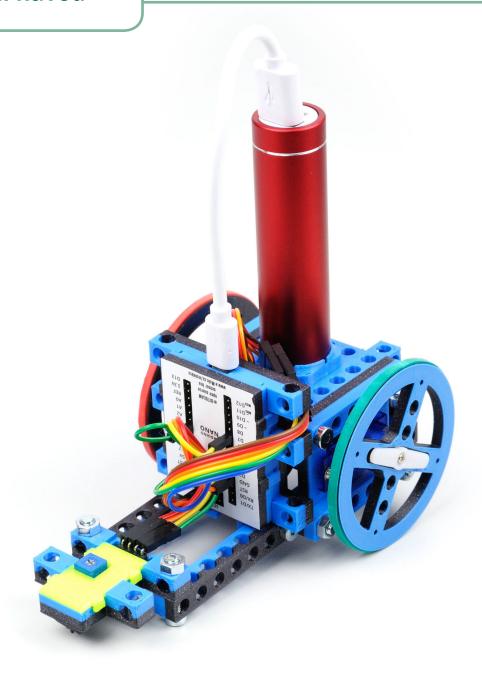
# Robot Fretka – stavební návod

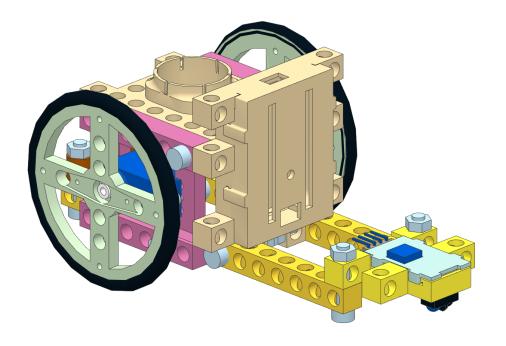
strana 1/6

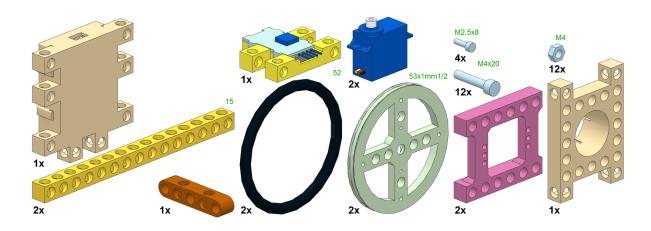




## Robot Fretka – stavební návod

strana 2/6



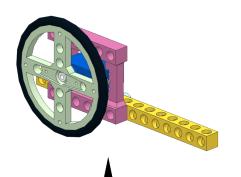


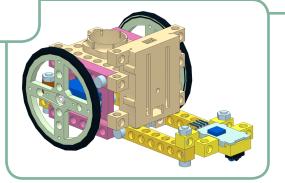


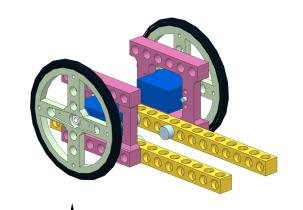
## Robot Fretka - stavební návod

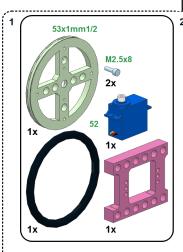
strana 3/6

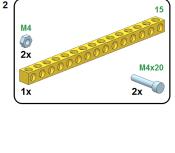
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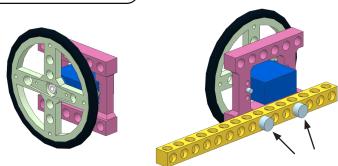


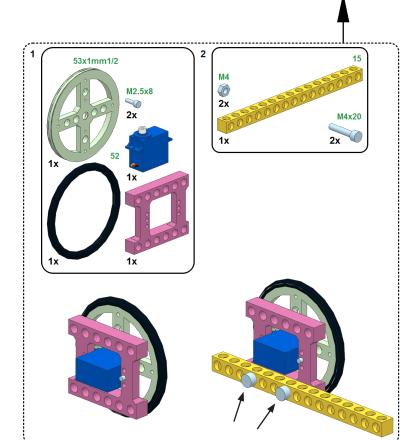






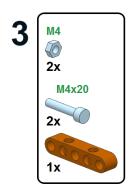


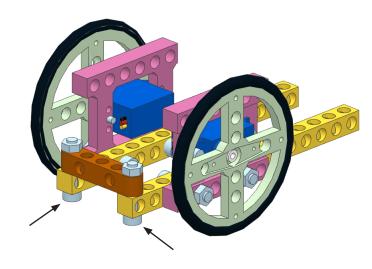


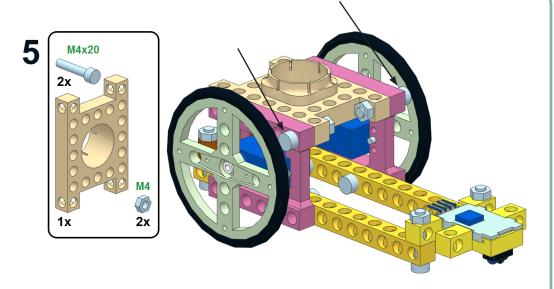


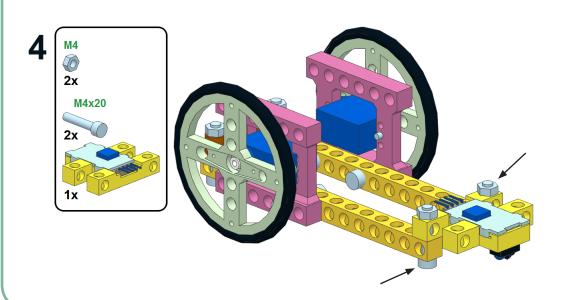
## Robot Fretka – stavební návod

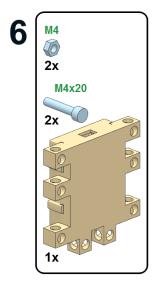
strana 4/6

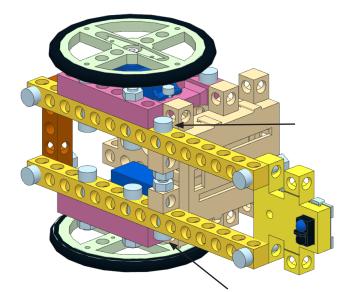








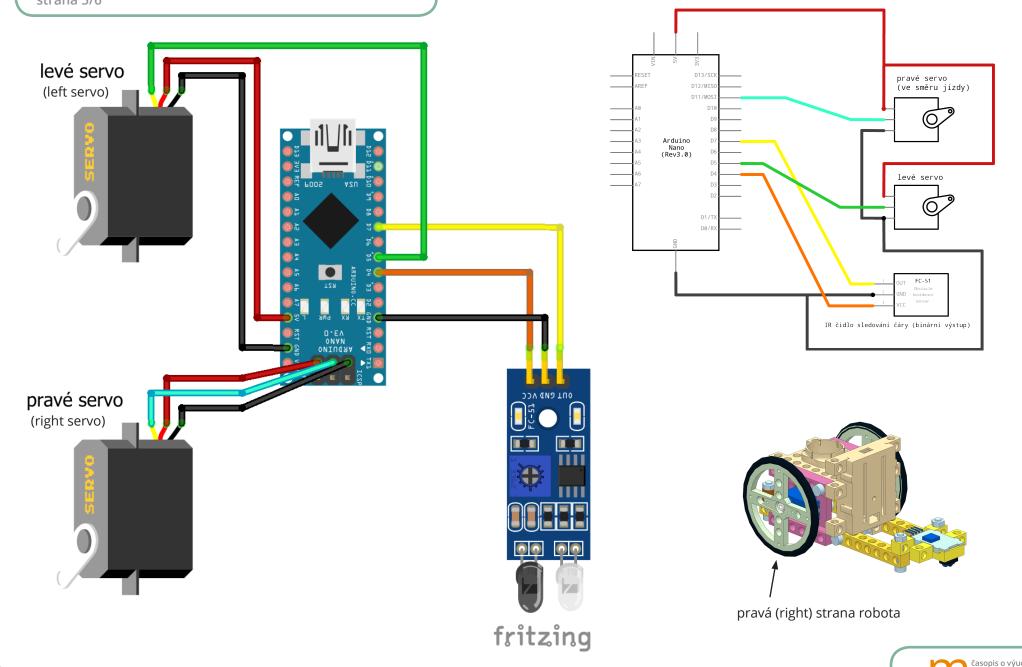






## Robot Fretka - stavební návod

strana 5/6



#### Robot Fretka – programování

strana 6/6

```
D4
               set digital output
                                        HIGH
                                 digital pin # (
                                                                 HIGH
                                                                     110
                              Servo : Default
                                                                     D11
                                                                     90
                              Servo : Default
program
               if/else
                        else
                                                                     90
                              Servo : Default
                                                                     D11
                                                                     70
                              Servo : Default
```

```
#include <Servo.h>
void ardublockDigitalWrite(int pinNumber, boolean
status)
 pinMode(pinNumber, OUTPUT);
 digitalWrite(pinNumber, status);
boolean ardublockDigitalRead(int pinNumber)
 pinMode(pinNumber, INPUT);
 return digitalRead(pinNumber);
Servo servo pin 5;
Servo servo pin 11;
void setup()
  servo pin 5.attach(5);
 servo pin 11.attach(11);
  ardublockDigitalWrite(4, HIGH);
void loop()
  if (( ( ardublockDigitalRead(7) ) == ( HIGH ) ))
   servo pin 5.write( 110 );
   servo pin 11.write( 90 );
  else
   servo pin 5.write( 90 );
    servo pin 11.write( 70 );
```