



主要代码:

```
int main() {
    vex::motor motor1(0);
    vex::motor motor2(9);

    int t=0;

    while(1)
    {

        motor1.spin(vex::directionType::fwd, 20, vex::velocityUnits::rpm);
        motor2.spin(vex::directionType::rev, 50, vex::velocityUnits::rpm);
        this_thread::sleep_for(16000);

        motor1.spin(vex::directionType::fwd, 50, vex::velocityUnits::rpm);
        motor2.spin(vex::directionType::rev, 50, vex::velocityUnits::rpm);
        this_thread::sleep_for(1000);

        motor1.spin(vex::directionType::fwd, 50, vex::velocityUnits::rpm);
        motor2.spin(vex::directionType::rev, 20, vex::velocityUnits::rpm);
        this_thread::sleep_for(18000);

        break;

    }

    motor2.spin(vex::directionType::fwd, 0, vex::velocityUnits::rpm);
    motor1.spin(vex::directionType::rev, 0, vex::velocityUnits::rpm);

    return 0;
}
```

控制小车走八字就是要控制靠内的电机走得慢一点，靠外的电机走得快一点，所以用 `vex::motor::spin` 来控制两个电机的旋转，并用 `this_thread::sleep_for` 控制这个运动状态需要维持的时间。在小车完成 8 字运动后跳出 `while` 循环，并将两个电机的速度归零，结束。