

```

/**
 * @file autoMeat.c
 * @brief The autonomous for placing an animal in the carnivore bin
 * Copyright (C) 2017 Ethan Wells
 *
 * This program is free software: you can redistribute it and/or modify it
 * under the terms of the GNU General Public License as published by the Free
 * Software Foundation, either version 3 of the License, or (at your option) any
 * later version.
 *
 * This program is distributed in the hope that it will be useful, but WITHOUT
 * ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS
 * FOR A PARTICULAR PURPOSE. See the GNU General Public License for more
 * details.
 *
 * You should have received a copy of the GNU General Public License along
 * with this program. If not, see <https://www.gnu.org/licenses/>
 */

#include "../include/auto.h"

void autoMeat(Direction d);

void autoMeatLeft() {
    autoMeat(dLeft);
} /* autoMeatLeft */

void autoMeatRight() {
    autoMeat(dRight);
} /* autoMeatRight */

void autoMeat(Direction d) {
    for (size_t i = 0; i < 2; i++) {
        driveSettings[i].max = -(driveSettings[i].min = -30);
        gyroSettings[i].max = -(gyroSettings[i].min = -35);
    }

    turnTo(20 * d, 1500);
    resetDrive();

    driveToPosition(-1500, -1500, 3500);
    turnTo(0, 1500);
    resetDrive();

    driveSettings[0].max = -(driveSettings[0].min = -25);
    driveSettings[1].max = -(driveSettings[1].min = -25);
}

```

```

driveToPosition(-2850, -2850, 7950);

driveSet(-15, -15);
delay(150);

//for (int i = drive[0].power, j = drive[1].power; i < 0 && j < 0; ++i + j++) {
//    driveSet(i, j);
//    update();
//    delay(75);
//}

driveSet(0, 0);
delay(300);

driveSet(-15 * d, 15 * d);
delay(300);

turnTo(-90 * d, 2300);
resetDrive();

for (size_t i = 0; i < 2; i++) {
    driveSettings[i].max = -(driveSettings[i].min = -127);
    gyroSettings[i].max = -(gyroSettings[i].min = -127);
}

driveSet(-127, -127);
delay(275);
driveToPosition(-520, -520, 1850);
}

```